

Handbook 2014

Authoritative Handbook

This is the standard reference Handbook for 2014. It contains the final version of course, major and minor structures for the given academic year. Ancillary changes may take place after the Authoritative Handbook is generated (such as to unit offerings) and new courses may be offered; these will be reflected in the online Handbook (and thus appear in any print Handbook generated subsequently). Nonetheless, the Authoritative Handbook remains the reference point for the determination of matters relating to the degree regulations, academic progress, credit and exemptions etc.

This Handbook contains course structures that commence in 2014. Students enrolled in or admitted into a pre-2014 course structure can see their course and units in the online Handbook at <http://handbook.murdoch.edu.au/>

Murdoch University

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Cancellation of Courses, Majors, Minors and Units

The University reserves the right to cancel, without notice, any course, major, minor or unit if the number of students enrolled falls below limits set by the University or in other unforeseen circumstances.

Alternative Formats

Handbook home page:

<http://handbook.murdoch.edu.au>

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About the University

WELCOME TO MURDOCH UNIVERSITY

Murdoch remains one of the most inclusive universities in the country - providing students with a quality education and recognised academic standing within an engaging and caring environment.

We currently have more than 22,000 students and 2,000 staff working together, exploring new ways of thinking and making discoveries. Courses are offered at campuses in Murdoch, Rockingham and Peel as well as study centres in Singapore, Malaysia and Dubai.

Our students are enrolled in over 200 undergraduate and postgraduate courses across a range of disciplines including Arts, Business, Education, Engineering, Law, Nursing and Science.

Murdoch is also recognised as one of Australia's leading research institutions. More industries place their belief and resources into our projects to provide our research candidates and scientists with the opportunity to make amazing discoveries. Our researchers work with industry to identify and tackle some of the greatest challenges facing Australia and the world in the 21st Century in fields as such water, renewable energy, agriculture and biotechnology and social justice.

OUR LOCATIONS

Our South Street campus is set in a beautiful bush environment and covers more than 227 hectares, making it the largest education campus in Australia. The campus is also home to a fully operational engineering pilot plant, a multi-million dollar media arts centre, drama theatre, chiropractic and psychology clinics, a comprehensive veterinary hospital with Western Australia's only equine operating theatres, a farm and a world-class moot court. The other two Western Australian campuses are located in the Cities of Rockingham and Mandurah. Address details, phone numbers and maps are available for the three campuses.

Murdoch University also has International Study Centres in Singapore, Malaysia and Dubai.

OUR SCHOOLS

Murdoch University takes a flexible approach to learning, providing scholarships and a number of admission pathways, plus a range of internal and external study options to help our students fit study around their work and lifestyle commitments. The adaptable undergraduate degree structure means students can broaden their qualifications and their choice of careers.

Murdoch also embraces diversity -- we are a university where students from 90 countries have chosen to further their education.

The University is organised into nine Schools:

- Arts
- Education
- Engineering and Information Technology
- Health Professions
- Law
- Management and Governance
- Psychology and Exercise Science
- Sir Walter Murdoch School of Public Policy and International Affairs
- Veterinary and Life Sciences

The Sir Walter Murdoch School of Public Policy and International Affairs offers students a unique opportunity to develop skills, experience and career opportunities in public policy and international affairs through the delivery of professional Masters coursework programs. This Graduate School builds on Murdoch University's strength in applying world-class research to real world problems and students are taught by leading academics and professional practitioners from around the world. Each degree concludes with a 'capstone' experience that enables students to apply their learning to a practical issue.

OUR PURPOSE AND INTENT

Murdoch University will continue to be a comprehensive research-focused university, with high levels of scholarship informing quality teaching. Through demonstration of leadership in innovation and excellence, Murdoch will develop its students to be their best and its staff to achieve their potential, and contribute to a knowledge society where Australia's economic and cultural vitality are central. Achievement of this intent will be sustained by:

- Ensuring students can study flexible courses by flexible means in a supportive and engaging learning environment
- Developing graduates with skills and attributes which will enable them to participate successfully and effectively in society
- Focusing research endeavour into strategic research themes that provide for future strength and emphasis
- Enhancing Murdoch's culture of innovation
- Continuing to build the quality and reputation of the University.

OUR VALUES

Murdoch's values are an intrinsic part of the University culture. These values give a sense of identity and a continuing context for all its activities:

- Equity and Social Justice
- Sustainability
- Global Responsibility
- Innovation and Entrepreneurship.

GOVERNANCE

The governing body of the University is the Senate. The Senate is predominantly a lay body with a total membership of 19, and is chaired by the Chancellor. The role of the Senate is to oversee the development and adoption of strategic initiatives, plans and key policies, and to monitor and review Murdoch's overall performance.

The Vice Chancellor is the chief executive officer and academic principal, and is responsible to the Senate for the University's management.

Academic Council is the senior academic body of the University. It determines academic policy, decides which courses of study will be offered, awards degrees and other qualifications, awards the University Medals, and institutes five-yearly reviews of teaching and research within each School. Membership of the Council is drawn widely from across the University, and includes elected representatives of academic and general staff, and students.

The Murdoch University Act provides for the Guild of Students which is 'an organised association for the furthering of the common interests of its members and shall be a recognised means of

communicating between its members and the Senate'.

Each School has a Dean who is responsible to the Vice Chancellor, through the Deputy Vice Chancellor (Academic), for the academic and managerial leadership of the School.

A School Committee is responsible for advising the Dean on areas including the School's strategic plans and directions, new academic offerings, teaching and research resources and School policies. The Committee is comprised of the Dean, the Chair of the School's Learning and Teaching Committee, plus other members in an advisory role and members as occasionally co-opted.

A number of administrative offices support the Schools, including:

- Academic Registrar's Office
- Campus and Facilities Management Office
- Commercial Services Office
- Development and Communications Office
- Finance Office
- Human Resources Office
- Library and Information Services Office
- Research and Development Office
- University Registrar's Office.

Officers of the University

Visitor

His Excellency the Governor of Western Australia

Chancellor

David Flanagan, BSc, MAusIMM, FAICD

Deputy Chancellor

Eva Skira, BA(Hons) NSW, MBA Geneva, SF Fin, FAICD, FAIM

Vice Chancellor

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Deputy Vice Chancellor (Academic)

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Deputy Vice Chancellor (Research)

Professor David Morrison, MA Sheff., PhD Wales

Deputy Vice Chancellor (Professional Services)

Jon Baldwin, BA(Hons) C.Lancs., MBA Open(UK), Hon DLitt UMIST

President, Academic Council

Associate Professor David Holloway, BCom W.Aust., MBA W.Aust., PhD Murd.



Support Services

ALUMNI ASSOCIATION

1

Graduates of Murdoch University are automatically part of our growing worldwide alumni family. The Office of Alumni Relations stays in contact with over 60,000 graduates through our monthly E-Newsletter and a biannual print magazine, InTouch. We host and sponsor alumni events, including family fun days, networking evenings, career seminars, reunions and public lectures that are held locally and internationally over the year. Our Murdoch University Distinguished Alumni Awards recognise outstanding professional, community service and personal achievements by Murdoch University alumni.

Many Murdoch services can continue to be used following graduation, including career and employment assistance, free campus parking, continued membership of the University Library and discounts at the University Bookshop and the Sports and Recreation Centre. One of the most important things for alumni to do is to provide any new email and mailing address to the Alumni Relations Office as all our communications and event invitations rely upon accurate and up-to-date contact details.

Many Murdoch alumni find it rewarding to donate their time and expertise to help current students. The Murdoch e-Mentoring Network LinkedIn group is an on-line group exclusive to current Murdoch students and alumni of Murdoch University that helps to make the change from study to the workplace easier. Go to the e-Mentoring Network page to join both open group discussions as well as one-to-one LinkedIn messages with an alumni e-Mentor.

<http://goto.murdoch.edu.au/e-MentoringNetwork>

To discover how you can link into the Murdoch global network and enjoy continuing involvement with your university alumni, visit to the Alumni Relations Office online at:

<http://goto.murdoch.edu.au/CareersAlumni>

BOOKSHOP

The Bookshop caters for students, staff and the general community.

The South Street campus Bookshop is located to the north of the Refectory building on the northern side of campus. It offers a range of products and services beyond just books including University merchandise, giftware, stationery, parking passes and much more. It also has a Ticketmaster outlet for the purchase or pickup of event and concert tickets. Access is via South Street (park in car park 3 or 4). Business hours are 8.30am to 4.30pm, Monday to Friday.

Telephone (08) 9360 2540

Facsimile (08) 9310 7365

The Rockingham campus Bookshop is located on Level 1 of the Administration/Common Teaching Building at the beginning of each semester: see the Bookshop web site for details.

Telephone (08) 9360 7048

Facsimile (08) 9360 7096

Peel campus text books are sold from the administration and information reception at Peel campus at the beginning of each semester: see the Bookshop web site for details.

bookshop@murdoch.edu.au

<http://goto.murdoch.edu.au/Bookshop>

<http://www.facebook.com/murdochbookshop>

CAREERS AND EMPLOYMENT

The Careers and Employment Centre assists Murdoch students and alumni to take an active role in their own career development. Located on Bush Court in the Refectory Building, the Careers and Employment Centre's resource library contains a variety of resources for researching potential employment markets as well as information on interview preparation, work experience, graduate and vacation employment and how to write and prepare resumes and selection criteria. Professional Career Advisors are also available to help students and alumni with all career and employment-related queries, as well as presenting a number of job-preparation workshops throughout the year.

The Careers and Employment Centre manages a web-based program *CareerConnect*. All Murdoch University students and alumni are encouraged to register with *CareerConnect* to access up-to-date information on job vacancies, application resources and employment-related events, including an e-mentoring program where students can connect with Murdoch Alumni.

<http://goto.murdoch.edu.au/CareerConnect>

CENTRE FOR UNIVERSITY TEACHING AND LEARNING

The Centre for University Teaching and Learning (CUTL) provides academic advice and support for students and staff in the areas of learning and teaching. It helps both undergraduate and postgraduate (coursework and research) students to acquire the language and academic skills required for success at university. These include academic literacy, numeracy and study skills, which are provided in the context of students' tertiary studies. Support is also provided for students entering university through alternative entry programs and specialist help is available for students for whom English is a Second Language (ESL).

The Centre offers a range of general elective units:

Introduction to University Learning (TLC120), focuses on the culture and expectations of university, the nature of knowledge, and understanding your self as a learner. The unit is based broadly in the Social Sciences and Humanities;

Writing Academic English (TLC121), is designed for ESL students from all areas and explores the reading and writing strategies and conventions that will enable you to become effective communicators at university ;

Rocket Science: Academic Skills for Science Students (TLC123), balances practical and theoretical knowledge to enhance students' scientific report writing skills. The unit is aimed at science students (all Physical and Life Sciences, including Psychology);

Academic Communication and Critical Literacy (TLC220), develops and refines academic communication and literacy skills for success at university. This unit enables a deeper understanding of communicating within the Social Sciences and Humanities framework.

From University to Workplace (TLC277), provides a theoretical and practical knowledge to enhance students' career development and their transition to the culture of the workplace.

In addition, the Centre offers the OnTrack pre-university enabling program for students who have experienced educational disruption or disadvantage.

Finding the Centre for University Teaching and Learning

South Street campus: Library, North Wing, Level 4
 For more information, or to make an appointment, telephone (08) 9360 2142, or email S.Learning@murdoch.edu.au.
 Rockingham campus: Library, Level 2, Room LL2.0.8 -- Sarah Veitch (08) 9553 7085
 Peel campus: Building 101, Room 1.022 -- Phil Arena (08) 9582 5530
<http://goto.murdoch.edu.au/StudentLearningCentre>

CHAPLAINCY

The University provides a Chaplaincy service to both students and staff with guidance and counselling of a spiritual or personal nature being available.

For current contact details, location and worship times, visit:

<http://goto.murdoch.edu.au/Chaplaincy-0>

CHILD CARE

The South Street campus has a high quality child care centre and Kindergarten that is used by students, staff and community members. The centre provides care for 48 children, aged six months to five years. The centre is a not-for-profit, community-based service run by a parent management committee. The professional team at Murdoch University Child Care Centre provide play and learning experiences which express the Australian Early Years Learning Framework.

Due to the quality and popularity of the service there is a waiting list in some age groups. Places are available on a full-time or part-time basis from January to December each year. The Centre only takes permanent weekly bookings. Bookings are essential.

Telephone (08) 9360 2610
murdochchildcare@gmail.com

COUNSELLING

The University offers a free confidential counselling service to all students enrolled internally at the University. Experienced, postgraduate-qualified counsellors and clinical psychologists are available to assist with personal, relationship and study-related problems.

Students bring a variety of problems to counselling. These vary from stress and mood concerns to personal issues like homesickness, shyness, and relationship and family issues. Alcohol and substance use can present challenges for students and help is available through the Counselling Service. Support is also provided in association with the Centre for University Teaching and Learning.

The Counselling Service provides help in one to one settings and also in safe and friendly group workshops. These group workshops usually involve providing help with common issues such as exam anxiety. The Counselling Service is also involved in health promotions such as national mental health week, stress-less day, and nicotine and alcohol-use awareness.

Your first appointment will be a brief 'triage' appointment (usually around 20 minutes) during which the counsellor will discuss your difficulties with you and determine the best course of action. Triage appointments are available between 9.15am and 11.00am each morning, and for an hour from 1.15pm each afternoon -- you can book an appointment or may be seen on the day if appointments are available. You will be given some paperwork to complete while you wait to see a Counsellor.

The Counselling Service is located in south-west corner of Bush Court on the South Street campus, easily identifiable by its sky blue

surrounds. The South Street campus service is open to Rockingham and Peel students. For students of Rockingham and Peel campuses, a Counsellor attends each campus for one day a week. Confidentiality is assured.

Telephone (08) 9360 2293
<http://goto.murdoch.edu.au/CounsellingServices>

EQUITY

Murdoch University is committed to equal opportunity and social justice principles, policy and practice through embedding social justice into academic business, maintaining an environment free from discrimination and supporting the diverse needs of students and staff.

Equal Opportunity and Social Justice

The Equal Opportunity and Social Justice area advises the University of its responsibilities and strategic considerations in relation to equal opportunity and social justice and supports the integration of these into the academic learning environment. Staff requiring information on the University's equal opportunity and social justice initiatives, resources and customised diversity and intercultural awareness training should contact the Manager for Gender Equity, Diversity and Social Justice on:

Telephone (08) 9360 2639

or visit the Equal Opportunity and Social Justice web site:

<http://goto.murdoch.edu.au/EOSJ>

Discrimination

The learning environment supports cultural diversity by providing services responsive to individual needs.

Murdoch rejects inappropriate distinctions on the grounds of race (colour, ethnicity, national origin, nationality or descent), sex, pregnancy, marital status, age, sexual orientation, gender history, family responsibility, family status, political conviction, religious belief, disability or medical condition. The elimination of all forms of direct and indirect discrimination is fully endorsed by the Senate, the Vice Chancellor, and all members of University management. Sexual harassment and racial harassment are prohibited in all aspects of University life.

Discrimination (Staff)

Staff requiring information on the University's equal opportunity policies, procedures for handling equity complaints or other policies pertaining to harassment and discrimination should visit the Human Resources Office web site:

<http://goto.murdoch.edu.au/EqualOpportunity>
 Telephone (08) 9360 7230

If staff experience discrimination or harassment, trained staff advisors are listed on the Human Resources Office web site above.

Discrimination (Students)

If students experience discrimination or harassment, they should contact the Manager, Equity and Social Inclusion:

Telephone (08) 9360 6146
<http://goto.murdoch.edu.au/EquityComplaints>

Students who have other grievances or appeals should visit the Student Complaints web site:

<http://goto.murdoch.edu.au/StudentComplaints>

Students and staff with disabilities

The University welcomes applications from people with a disability or medical condition and is committed to increasing and enhancing

opportunities for access to higher education and graduate employment.

Students can access information and support by contacting the Equity and Social Inclusion Office on:

Telephone (08) 9360 6084
equity@murdoch.edu.au

Services and facilities available at the University include accessible parking bays, library assistance, alternative examination and test arrangements, access to specialised study equipment, assistive technology, lecture notes and liaising with staff. Further information about the disability support program is available in different formats on request.

Enquiries concerning employment or support for staff with disabilities should be directed to the Human Resources Office:

Telephone (08) 9360 2430
hr_recep@murdoch.edu.au

Equity and Social Inclusion

Murdoch University supports a number of programs that ensure access to tertiary study and support for people from educationally disadvantaged backgrounds.

For information on the two school access programs Tertiary Options Project and Access Southwest, see:

equity@murdoch.edu.au
<http://goto.murdoch.edu.au/AdmissionPathways>
Telephone 1300 MURDOCH (1300 6873624)
<http://goto.murdoch.edu.au/AskMurdoch>

The Equity and Social Inclusion Office also encourages the recognition of and support for students from all diverse backgrounds to ensure a positive engagement with university life.

<http://goto.murdoch.edu.au/EquitySocialInclusion>
South Street campus: Economics, Commerce and Law Building, Room ECL1.009; easy access parking (ACROD) is at the top of Car Park

GUILD OF STUDENTS

Established in 1976 by students, for students, The Guild is an advocacy, support and service organisation, run independently from the University.

The Guild is governed by a democratically elected student council and provides student representation across major University academic and governance committees. The Guild represents the student voice and works to ensure students are the first consideration in University decision-making.

The Guild also provides a range of education and welfare support services through the Student Assist Office including advice on academic appeals, Food Bank access, legal referrals, tax help, tenancy services, tutoring and support with Centrelink issues. Additionally through the Student Assist web site the Guild runs an employment and accommodation registry and a book subsidy scheme, providing students in need with the funds to cover their textbooks each semester.

While student advocacy and welfare is the Guild's core role, it also exists to make university life more fun: uni should not just be about studying or pulling hair out around exam time! By running numerous events throughout the year, the Guild ensures that there is always something to look forward to on campus.

Some of the Guild's annual events include Orientation Festival, the Guild Ball and Stamp Out Stress. The Guild also supports over 100 different Guild-registered clubs, societies and collectives through

the provision of grants and assistance from the Guild's Student Projects Office. For aspiring writers, the student magazine *Metior* is a great way to get published and build a portfolio.

Joining the Guild is free for students and entitles members to representation, advocacy and a range of discounts and special offers both on- and off-campus. Students who would like to join the Guild, or become more involved in any of the Guild activities, clubs and societies at Murdoch, should check out the web site.

<http://goto.murdoch.edu.au/Guild>

HEALTH SERVICE

The University is committed to supporting students to live healthy lives. At the South Street campus, the University nurses provide a walk-in health service to students, offering advice and direction for a range of health concerns. The University nurses are also part of the emergency response team for the South Street campus.

Visiting medical doctors attend at the Health and Counselling Centre on weekdays and may be seen by appointment. Students who have a Medicare card can access one of the sessional medical doctors on a bulk-billed basis. International students are able to receive a rebate from their private healthcare provider.

During semester breaks staff may seek one-off appointments to see one of the visiting doctors on a 'fee for service' basis. These visiting doctors are not able to function as a staff member's general practitioner. The University nurses are able to see staff throughout the year as part of the walk-in service.

The Health and Counselling Service coordinates a number of health awareness and improvement programs including quit-smoking, sexual health advice, healthy-eating, vaccination and mental health awareness. First aid assistance is provided by trained first-aiders, and is available on all of the University's campuses. At Peel and Rockingham campuses, information on local doctors' clinics in the vicinity of each campus is available at Student Services offices.

Telephone (08) 9360 2293
<http://goto.murdoch.edu.au/HealthServices>

INDIGENOUS STUDENT SUPPORT

Kulbardi Aboriginal Centre

'Kulbardi: Wings to Fly'

Yorl koorliny Kulbardi mia mia. Nidja noonookurt nyinniny kadadjinny kowee wallak.

Translated from the Noongar language, this means "Come here to the Kulbardi Aboriginal Centre. This is where you sit, learn, laugh and share". These words are symbolically associated with the Kulbardi Aboriginal Centre and are intrinsic to its history.

Established in 1988, the Aboriginal Education Unit transformed to the Kulbardi Aboriginal Centre in 1996, having been renamed by the late Munyari (Elder Ralph Winmar), who gave his respected counsel for the name that means *magpie* in the Noongar language.

Kulbardi is located on the grounds of Murdoch University's South Street campus, and has offices and study facilities on the Rockingham and Peel campuses. More than just student support and courses of study, Kulbardi offers:

Indigenous pathways into undergraduate studies for Aboriginal people, which take a holistic approach to ensure student wellbeing, inter-cultural and academic development and support negotiating the cultural interface

Scholarly Indigenous and Indigenist research and dissemination through our research centre

Transformative and intercultural learning experiences

Community development and cultural programs that respond to the issues and aspirations of Aboriginal and Torres Strait Islander people.

One of Kulbardi's main objectives is to encourage increased participation in tertiary education by Indigenous students. Kulbardi provides educational pathways into both pre-tertiary and undergraduate studies. Kulbardi is one of two non-academic organisational units (AOU) in the University to offer courses of study to students. In 2009, the Bachelor of Arts in Australian Indigenous Studies (AIS) was relocated to Kulbardi. This has expanded Kulbardi's range of academic offerings and its student and staff profiles.

Kulbardi's objectives are strongly supported by the facilities and staff at Kulbardi that encourage student interaction, camaraderie and cultural support -- all critical elements to facilitate tertiary study aspirations of students.

Tutorial Assistance

The Indigenous Tutorial Assistance Scheme (ITAS) is a tutorial assistance program funded by the Australian Federal Government under the National Aboriginal and Torres Strait Islander Education Policy. Tutorial assistance is available to all Aboriginal or Torres Strait Islander students who are studying at Murdoch University. For further information please contact Kulbardi.

Indigenous Student Representation

Indigenous students at Murdoch University are represented by the Murdoch Guild's Indigenous representative. This person is responsible for the facilitation of contact between students and support services, and for coordinating the activities of the Indigenous Collective that aims to enhance the student experience at Murdoch University.

Indigenous Commonwealth Scholarships

The Indigenous Commonwealth Scholarship program is an Australian Federal Government initiative that aims to provide assistance to Indigenous Australians who would like to access higher education, particularly those who need to relocate from rural and remote areas to access an approved higher education undergraduate or enabling course. There are several types of Indigenous Commonwealth Scholarship available with different eligibility criteria. For further information see:

<http://goto.murdoch.edu.au/ScholarshipsCommonwealth>

Pathways into University

Kulbardi is committed to providing Indigenous students with the opportunity to access higher education. K-Track, our enabling course, prepares prospective undergraduate students for university learning. The course may be commenced in February or July of each year and is available internally at the Murdoch campus as well as externally (online). The course may be take one semester or two, depending on student readiness. K-Track enables entry into all undergraduate fields except Veterinary Studies, Law and Chiropractic. However, the University does provide alternative pathways into these courses.

Contact

Advice about applying for alternative entry can be provided by the Kulbardi Student Support Coordinator.

Telephone (08) 9360 2128

kulbardi@murdoch.edu.au

<http://goto.murdoch.edu.au/Kulbardi>

INFORMATION TECHNOLOGY AT MURDOCH

The IT Service Desk provides a walk-in IT Service Counter, located on Level 2 of the Library Learning Common at the South Street campus. The IT Service Counter provides assistance to all Murdoch students and staff.

Early in 2014 The IT Service Counter will be moving up to the Bush Court entrance of the Library building. This move will offer a single service point for staff and students to access Library and IT Services.

All students and staff, including those located at other campuses, can contact the IT Service Desk as follows:

Telephone (08) 9360 2000

itservicedesk@murdoch.edu.au

<http://goto.murdoch.edu.au/ITServiceDesk>

The IT Services web site contains up to date information about the current status of critical services and systems. Visit the web site to learn more about problems and resolutions that may have already been reported. Use the Knowledgebase to find articles on topics such as wireless access, computer labs and access and passwords, or log in to the Online Support service.

<http://goto.murdoch.edu.au/KnowledgeBase>

INTERNATIONAL STUDENT SUPPORT

Murdoch University is a Registered Provider of Education Services and Training as stipulated under the Commonwealth Education Services for Overseas Students (ESOS) Act 2000 (as amended in 2007) and the Western Australian State Education Service Providers (Full Fee Overseas Students) Registration (ESPRA) Act 1991. The University's Institutions and Courses for Overseas Students (CRICOS) Provider Code is 00125J.

Full details of the ESOS Act and the National Code of Practice can be found at

<https://aei.gov.au/Regulatory-Information/Education-Services-for-Overseas-Students-ESOS-Legislative-Framework/ESOS-Regulation/Pages/default.aspx>

Details of the ESPRA Act, including details of the State Government Conciliator, can be obtained from the Student Centre.

Use of Personal Information

Information provided by students to the University may be made available to Commonwealth and State agencies pursuant to obligations under the ESOS Act 2000 and the related National Code of Practice for Registration Authorities and Providers of Education and Training to Overseas Students 2007.

Contact Details

All international students are required to keep Murdoch University informed of their current Australian residential address. This must be done within seven days of arrival in Australia and within seven days of any subsequent change of address. Any changes to contact details should be updated via MyInfo.

Keeping the University informed of current contact details fulfils the obligation to update the Department of Immigration and Border Protection condition 8533 of a Student Visa; failure to do this is a breach of the visa conditions.

Only a student's Home address should be recorded as the Residential Address, not a Post Office Box address. Students are also required to provide and maintain their emergency contact details in MyInfo. To update contact details, access MyInfo via:

<https://goto.murdoch.edu.au/MyInfo>

Changes to Approved Study Programs

Completing studies within the timeframe of student visa

International students are obliged, under the terms of their Student Visa, to maintain a study load that will see them complete within the duration specified on the visa. It is expected that a student will maintain a full-time study load (12 credit points per semester). However, students are able to reduce their study load in certain conditions approved by staff in The Student Centre. Students intending to amend their study program by changing unit selections or withdrawing from units, decreasing the number of units being studied or changing a unit's mode of study from internal to external must contact The Student Centre for approval, prior to making any changes. Information and advice will be provided that will ensure the integrity of the Student Visa and the study program.

Course Transfer

If an international student wishes to change their course of study they must submit a Course Transfer form. See:

<http://goto.murdoch.edu.au/StudentForms>

After a decision has been made, the student will be notified in writing. Changing the course of study may have an impact upon the student's visa, and students may be required to apply for a new visa if the duration of study has been extended. If an international student is given permission to change their course of study they must contact The Student Centre for advice regarding any change to student visa requirements.

Approved Leave (intermission of enrolment; deferral or suspension of studies)

If an international student wishes a break in their studies they can do so under Murdoch University regulations (carefully read 'Approved Leave' in the Study at Murdoch section of this Handbook). However, the Department of Immigration and Border Protection does not permit international students to defer for more than six months, and then only on medical grounds. The Department of Immigration and Border Protection also expects students on approved leave to return to their home country for that period, although exceptions can be made to this requirement in exceptional cases. International students who want a break in their studies should contact The Student Centre for advice regarding the implications on their student visa.

Withdrawal of Enrolment

If an international student wishes to withdraw from the University, they can do so by completing and submitting a 'Complete Withdrawal from Course' form. Before submitting the form they must contact The Student Centre to discuss the implications of the withdrawal on their student visa. The form can be obtained from:

<http://goto.murdoch.edu.au/StudentForms>

Transferring to another Educational Provider

The National Code of Practice (2007) does not allow international students to transfer educational providers within the first six months of their course of study. Students wishing to do so must submit a request in writing to The Student Centre for a Letter of Release. If the request is granted, a Letter of Release will be provided. If the request is denied, students have the right to appeal in writing.

Students who have already been enrolled at the University for more than six months need to:

1. Seek advice from The Student Centre prior to withdrawing
2. Upon approval, Students need to withdraw from all units via MyInfo
3. Fill out a 'Complete Withdrawal from Course' form

4. Submit the completed form to The Student Centre.

The form can be obtained from:

<http://goto.murdoch.edu.au/StudentForms>

Academic Progress

The University is required to monitor the academic progress of each international student at the end of each study period. This is undertaken as part of the Board of Examiners where all students are assessed against relevant academic progress rules. Students who have failed to meet satisfactory course progress are notified.

If a student is to be suspended or subsequently excluded from their course or from the University, there are significant implications for the student's visa. The University is required to report the student to the Department of Immigration and Border Protection for failure to meet satisfactory academic performance; this may result in the student visa being deferred or cancelled. Students to be excluded from the University will be notified in writing and will have 20 working days in which to lodge an appeal before the suspension or exclusion is put into effect or a report made to the Department. While the relevant internal or external appeal process is undertaken the enrolment is maintained. If no appeal is submitted or all appeals have been unsuccessful, the University is required to report the unsatisfactory academic progress to the Department.

International students concerned about their academic progress or interested in further information and advice on this monitoring and reporting process are advised to contact The Student Centre. Murdoch University also has an intervention strategy that international students can access if they are failing units and want support. This is recommended for all students on probation status. Under this strategy international students can discuss their study performance and plans with any of a number of support staff, and agree to a tailored study plan. Further details can be obtained from The Student Centre.

Appealing to an External Agency

International students studying at Murdoch University on a student visa have the right to access an external agency for appeals if they are not satisfied that the University's internal complaint and appeal process has been conducted fairly. The primary body is the Western Australia Ombudsman. The Ombudsman is independent and external to the University and does not charge any fee for the service.

Normally, the Ombudsman will only consider whether the University has followed its own policies and procedures and whether the handling of a case has been fair and reasonable. The Ombudsman does not make a new decision to replace the decision made by the University (for example, as to what the academic result for a unit should be). However, as a result of an investigation, the Ombudsman may recommend that the University reconsider the case.

All complaints to the Ombudsman need to be made in writing, but initial enquiries about making a complaint may be made by telephone; ask to speak to an Enquiry Officer.

Contact details for the Ombudsman are:

Ombudsman Western Australia
 PO Box Z5386 St Georges Terrace PERTH WA 6831
 Telephone (08) 9220 7555, or free call 1800 117000 (outside the metropolitan area)
 Facsimile (08) 9325 1107
 mail@ombudsman.wa.gov.au
 http://www.ombudsman.wa.gov.au

International students can also discuss any grievance, or seek advice, from the Western Australian Conciliator for International Students. This is also a free service provided through the Western

Australian State Government. More information can be found at:

<http://goto.murdoch.edu.au/InternationalStudents>

Extension of Student Visa

International students may need to extend their student visa for a variety of reasons. It is important to remember that the Department of Immigration and Border Protection typically expects students to complete their studies within the timeframe of their student visa. However, extensions are possible in many circumstances. Once a student realises that they will not be able to complete their studies within the time allowed on their student visa, they should contact The Student Centre to discuss the effects this may have on their current student visa, or on the extension of their student visa in the future.

LIBRARY

The Library provides students with a friendly, engaging and professional service to support their learning and research objectives, and to equip them with the skills to negotiate today's information maze and engage in a lifetime of learning.

The Library supports learning and research by providing focused collections, training and assistance in the use of information resources, information services, and an environment conducive to work and study. Library services are available at all three Murdoch campuses. The Peel campus is supported through the John Tonkin College Library and Resource Centre and the University's Peel Learning Common.

Library staff are available to help students discover and utilise a wide range of printed and electronic resources. Training programs are conducted throughout the year, and support materials are available on the Library web site and in print. Within the Library and Learning Common at the South Street campus, Library staff work alongside staff from the Centre for University Teaching and Learning, First Year Experience, IT Services and Murdoch Print to provide a range of services and support.

The Library has extended opening hours during teaching and vacation periods. Services and resources are available 24 hours a day via the Library web site, which enables students to search the Murdoch Library catalogue and the catalogues of other university libraries, request materials which are out on loan, check their borrower record, request items from other library collections, and search many useful databases and Internet sites. A chat service, *Online Librarian*, is available over extended hours to answer students' enquiries.

For students who prefer to carry out their research on campus, a large number of computers are available in the Library. Wireless Internet access is available throughout the South Street campus and Rockingham campus Libraries. Printing, copying and scanning facilities are available at competitive prices at all campus libraries. The Library also provides group study facilities. The South Street campus Library has a number of group study room for graduate students and a small number of carrels for private study for graduate research students.

A disabilities facility located in the Libraries at the South Street and Rockingham campuses provides access to a range of equipment and furniture. Designated Library staff are also available to assist with identification and collection of resources.

The Library has reciprocal agreements with all other Australian university libraries. Murdoch students and staff may join those libraries by presenting proof of current enrolment or employment.

<http://goto.murdoch.edu.au/Library>

LIBRARY LEARNING COMMON

The Murdoch University Learning Common is a uniquely-designed learning facility that brings together key services and resources in support of student learning. Located at the South Street campus Library, the Library Learning Common is spread over two levels on the Library North Wing and Link levels 2 and 3.

The Learning Common provides over 180 computers, many of which are available 24 hours a day, 7 days a week. The computers are in various configurations including stand-up 'counter style' for quick access to check the Library catalogue, 'classroom mode' for teaching and self-study use, and 'group study mode' which supports those working on group projects. The Learning Common is also a wireless hotspot; study benches and tables with power are available so that students can use their devices.

The Learning Common seating arrangements reflect student needs, whether for study or just for hanging out and catching up with friends. Casual, booth and group seating are all in place, and tutorial and group study rooms can be used for project work.

The First Year Experience Office, Study Skills Plus Office, Centre for University Teaching and Learning, Murdoch Print, IT Service Counter, the Library Reference desk, and Enquiry and Loans desks are all located within the Learning Common. The Learning Common experience is enhanced with refreshments available from Cafe Kadjiny and the adjacent Sir Walter's Cafe. The Veterinary Sciences Library at the South Street campus also has a Learning Common which is open 24 hours 7 days per week for Veterinary Science students. The Library Learning Common at both the Rockingham Library and the Peel campus also provide computers and a variety of study spaces and casual seating. Student support is provided at regular times by Library and Student Learning staff.

<http://goto.murdoch.edu.au/LearningCommon>

OCCUPATIONAL SAFETY AND HEALTH

Murdoch has a safety and health management system in place for the management of Occupational Safety and Health. Integral to this is a commitment to provide a safe working environment to all members of the University community as outlined in the OSH Policy Statement.

As part of the hazard management system, a hazard and incident reporting system is on the OSH web site.

The University is committed to ensuring that its students, staff, contractors and visitors are not exposed to tobacco smoke in its buildings and vehicles, and a total smoking ban is in place at all Murdoch University. The prohibition includes but is not limited to all University-controlled buildings, all open areas of each campus, all University vehicles and boats, and other areas designated as no smoking areas by signage. Penalties will apply for breaching this policy.

Professional advice, support and services are available in occupational safety and health, OSH risk management, auditing to Australian Standards 4801:2001 [OHSMS], Worksafe Assessment standards and ISO 9001:2000 Quality Standard.

<http://goto.murdoch.edu.au/OSH>

STUDENT ACCOMMODATION

Murdoch University offers on-campus accommodation at Murdoch University Village. Accommodation at the Village fills quickly and the University recommends that applications be submitted as soon as possible. Applications should be submitted online through the web site below.

Off-campus housing is available through an Off-Campus Housing Referral Service.

Murdoch University Village

Murdoch University Village is located in lush native bushland surrounds on the western end of the South Street campus. The Village offers a diverse range of one- to eight-bedroom apartments for over 800 students, including a choice of modern one-, two- and five-bedroom apartments opened in 2009. All apartments are fully furnished and self catered, featuring kitchens, lounge areas, bathrooms and bedrooms (with the option of ensuite, single, double and twin share). Residents are required to provide their own bed linen and crockery (these can also be purchased from the Village prior to arrival). A range of accessible accommodation options for students with disabilities is also available.

Student life is an integral part of the Murdoch University Village experience. On-site facilities have been designed to enhance the student lifestyle and include a swimming pool, e-library, recreation room, student lounge, television room, study centre and beach volleyball and basketball courts.

An extensive event program offers activities to support social, academic and personal development, from movie nights to study groups and cooking classes. If residents need help, a friendly Resident Assistant team is available to provide support, help students settle into the community and adjust to life in Australia. Resident Assistants, staff and/or security are on site 24 hours a day.

Visit the web site below for more information or to apply online.

Murdoch University Village
PO Box 1055
Canning Vale WA 6970
Telephone (08) 9360 2909
Facsimile (08) 9360 2977
info@murdochuv.com.au <http://www.murdochuv.com.au>

Off-Campus Housing

The Off-Campus Housing Referral Service provides assistance to students through referral to a list of private accommodation providers. Accommodation arrangements vary from home stay with provision of meals, through to sharing a house or apartment.

Students should ensure they have temporary accommodation arranged if they intend to source more permanent accommodation after arrival. The Murdoch University Village web site includes links to other sites where private rental and share accommodation are advertised.

TRANSPORT AND PARKING

Public Transport

Regular bus services connect to and from the South Street campus. The Perth-Mandurah railway line passes near the South Street campus on its way south from Perth city centre to Rockingham and Mandurah, where bus connections are available.

Further information on public transport, including an online journey planner, can be obtained from TransPerth:

<http://www.transperth.wa.gov.au>

Parking

Staff, students and commercial tenants wishing to park a vehicle (other than a motorcycle) on the South Street campus must purchase and display a University parking permit through The Student Centre or online from:

Staff: <http://goto.murdoch.edu.au/ParkingPermits>

Students: <http://goto.murdoch.edu.au/GettingYourParkingPermit>

Staff working and students enrolled (50 percent or more) at Peel or Rockingham campuses are entitled to a free Green parking permit. These permits can be obtained from The Student Centre at the relevant campus on production of proof of employment/enrolment.

Murdoch University Village residents, staff and visitors with a vehicle are required to obtain and display a relevant permit.

Coupons valid for single-day parking are available from The Student Centre.

Visitors' pay-and-display parking is available at various locations at the South Street campus.

Speed detection and traffic management activities are used for the safety of University patrons.

Infringements are issued for breach of University Parking and Traffic By-Laws.

ACROD and Easy Access Bay Temporary Parking

Holders of an ACROD sticker do not need to apply for a parking permit. Staff, students and visitors need to display a valid ACROD sticker when parking in the nominated blue Easy Access bays.

A student or staff member with a disability or medical condition may apply at the Equity and Social Inclusion Office for temporary parking in an Easy Access bay. Supporting documentation is required.

Easy Access Bays are located in all car parks 1, 2, 3, 4, 5, 6, 7, 8, 9 on South Street campus, close to buildings. They may *only* be used by staff, students, commercial/tenant staff and visitors with ACROD permits and staff and students with Murdoch Blue Temporary Easy Access (Accessible) parking permits. These bays are not to be used as a pick up/drop off service.

<http://goto.murdoch.edu.au/Parking>

Study at Murdoch: a General Guide

This is a summary description for general guidance. Further guidance is included in subsections below, specifically relevant to bachelor studies, honours studies, and graduate coursework and research studies.

It is important that students also read the legislation relevant to their studies so that they are familiar with all of the requirements. For guidance refer to the University Regulation section of this Handbook.

Further information on all of these topics can be obtained from The Student Centre.

INTERNET ACCESS REQUIREMENTS

Murdoch units normally include an online component comprising materials, discussions, lecture recordings and assessment activities. All students, regardless of their location or mode of study, need to have access to and be able to use computing devices with browsing capability and a connection to the Internet via Broadband (Cable, ADSL or Mobile) or Wireless. The Internet connection should be readily available and allow large amounts of data to be streamed or downloaded (approximately 100MB per lecture recording). Students also need to be able to enter into online discussions and submit assignments online.

ADMISSION REQUIREMENTS

Applicants for admission are asked to provide evidence of their suitability to undertake a university education. In many cases this evidence will be based on previous performance at secondary or post-secondary level (for undergraduate studies). However, for those courses into which admission is competitive, there may be additional criteria and there may be limits on the number of places available.

As requirements for admission to graduate-level studies can vary greatly, applicants are advised to refer to the Graduate Courses section of this Handbook. The application process gives an applicant the opportunity to demonstrate suitability and to make the best possible case for admission.

Applicants are required to keep original or certified copies of all documents submitted in their application. These may be required at a later date.

All applicants need to prove their competency in English language:

<http://goto.murdoch.edu.au/EnglishRequirements>

More specific details on application processes can be found below.

Mid-Year Admission

Murdoch University's largest intake of students occurs at the beginning of each year. However, many courses are also available for mid-year admission; these students commence their courses at the beginning of Semester 2.

Note that not all units are available in each semester. Mid-year admission may result in an extension to the recommended minimum duration of the course, based on unit availability.

Applications for mid-year admission should be directed to The Student Centre.

Special Requirements

A number of courses have special requirements, for example a National Criminal History Record Check or Working with Children

Check. For details of such requirements, refer to the Courses section of this Handbook.

Special Requirements for Admission to Teacher Education Courses

The Western Australian Department of Education and the Teacher Registration Board of Western Australia (TRBWA) have the right to determine 'fit and proper persons' to enter and practice in schools in Western Australia. For the protection of students, education authorities have the legal right to exclude people from school premises. This power will be exercised in cases of serious or frequent criminal conviction, and may also be exercised in cases where children are thought to be at risk for any reason.

Therefore, all applicants offered a place in teacher education courses must obtain a National Criminal History Record Check through the WA Department of Education. Although a criminal record does not necessarily preclude an applicant from employment as a teacher, the WA Department of Education has advised that convictions:

- of a violent or sexual nature; or
- where the victim was under 18 years of age; or
- for dealing in or trafficking illegal drugs

will almost certainly rule out the possibility of teaching in a school, regardless of when the offence(s) occurred.

Information about obtaining a National Criminal History Record Check will be sent by Murdoch University to all applicants offered a place in Education courses that require a current criminal history clearance for placement in the practicum component of the course. The University will require a successful applicant's satisfactory mandatory check prior to the student commencing their first placement. There will be a cost to the student in obtaining the mandatory checks.

In particular, full-time Graduate Diploma or Bachelor of Education (Graduate) students should note that their placement in a school occurs in late January, and so they should apply for their Check immediately on receipt of an offer from the University. Applicants who wish to obtain an application form in advance of being made an offer may do so by contacting the University or the WA Department of Education.

Applicants should note that if they apply for a Check and do in fact have a conviction relating to offences such as those above, the WA Department of Education will place this information on a database and make it available to other authorities.

For further details about this requirement, on a confidential basis, applicants can contact the WA Department of Education:

Telephone (08) 9264 4391

In addition to a criminal record check, everyone applying to teach must have a Working with Children Check as part of the legislative requirements of the Working with Children (Criminal Record Checking) Act 2004. Application forms can be obtained from WA Post Offices or the School of Education Professional Experience Office (Room 2.002, Level 2, Education and Humanities Building).

Information on the Working with Children Check process is available at:

<http://goto.murdoch.edu.au/WorkingWithChildrenClearance>

Further information on the Working with Children Act and Working with Children Checks is available at:

<http://goto.murdoch.edu.au/WorkingWithChildrenCheckscreening@det.wa.edu.au>

Advanced Standing

As part of the admissions process the University will consider previous post-secondary and tertiary studies for Advanced Standing, in accordance with relevant legislation. For more information, refer to the University Regulation section of the Handbook.

'Credit' refers to a reduction in the credit points required to complete a Murdoch course on the basis of Advanced Standing. It usually shortens the time required to complete the course.

An 'Exemption' removes the requirement for a particular unit to be taken; it recognises that a student has completed learning/study elsewhere that substantially duplicates the content of a Murdoch unit which is a requirement of their Murdoch course.

For further information on Advanced Standing, refer to:

<http://goto.murdoch.edu.au/AdvancedStanding>

THE CREDIT POINTS SYSTEM

Study at Murdoch is based on a system of credit points that are completed towards the requirements of the course. Units, generally, have a value of 3 or 4 credit points. The guideline adopted by the University in determining the number of credit points represented by each unit is that the full-time student load in a standard semester is 12 credit points. One credit point reflects an average student workload of 50 hours. Thus a unit with a value of 3 credit points should engage roughly a quarter of a full-time student's available time and effort. This is an inclusive estimate, including all lectures, tutorials and/or laboratory classes, personal reading, and assignments required for the unit.

Full-time and Part-time Study

A full-time student normally enrolls for 12 credit points in each semester, or 24 credit points in each academic year. Domestic students must be enrolled in at least 9 credit points in a semester to be regarded as full-time (by external agencies such as Centrelink); those whose enrolment is below 9 credit points at any stage in the semester may no longer be eligible for Centrelink support. For Centrelink purposes units are nominally either in Semester 1, which includes all units with a census date between 1 January and 30 June, or in Semester 2, which includes all units with census dates between 1 July and 31 December. The only exceptions are full-year and straddle units, which are split equally between the two semesters. Students in receipt of Centrelink support should check with Centrelink direct if they have concerns regarding eligibility for support, as the rules governing eligibility can change.

Students may enrol on a part-time basis. Be aware that there are difficulties in offering units involving laboratory sessions outside normal working hours. Students who foresee difficulty in attending units during normal working hours should consult the teaching timetable in planning their unit enrolment.

Full Degree International Students

International students must be enrolled in at least 12 credit points in a semester to be regarded as full-time. Those international students whose enrolment is below 12 credit points must contact The Student Centre, as they may not be satisfying the conditions prescribed for a student visa.

Not-for-Award Study Abroad International Students

Not-for-award Study Abroad and Exchange students transferring academic credit back to their home university must be enrolled in a minimum of 9 credit points and a maximum of 12 credit points in a semester to be regarded as full-time. Students taking more than 12

credit points must contact The Student Centre, as further charges will apply.

COURSES

A Course is a coherent combination of units approved by Academic Council that leads to a particular Award. Students must complete the requirements of the course and the requirements of the major in an undergraduate degree.

Australian Qualifications Framework

The Australian Qualifications Framework (AQF) is Australia's national policy for regulated qualifications delivered in all education sectors. Murdoch University offers qualifications at AQF Levels 7 to 10.

Academic Chairs

An Academic Chair is a member of academic staff responsible for a course, major or minor. A student taking multiple courses/majors/minors may have to liaise with several Academic Chairs.

The Academic Chair is able to counsel students in any matter relating to the course, major or minor and their enrolment in it, including unit selections, academic progress and the possible consequences of taking Approved Leave.

Enrolment

It is students' responsibility to enrol in accordance with the relevant regulations, requirements of their course/major and official deadlines.

Enrolment of New Students

Successful applicants for admission to Murdoch University will receive an offer letter that includes all of the information needed to be able to accept the offer online. Enrolment information is emailed to students upon acceptance and includes advice on how to complete an enrolment.

Applicants who are not immediately offered admission will be advised and invited to The Student Centre to discuss ways in which they may be admitted in the future.

Orientation Week and Enrolment Assistance Sessions

Orientation Week (O Week) is held in the week before the beginning of Semester and is an important part of a successful university life. The week is designed to assist students to prepare for their studies, as well as to introduce them to the sporting, cultural and social activities on offer at Murdoch University.

A series of lectures and workshops cover topics such as First Year Experience, Computer Usage on Campus, Learning Skills, Student Services and Supports, Planning Your Career, and Campus and Library tours. There is also a general advice session for external students.

Course and academic advice sessions are offered to all new undergraduate and postgraduate coursework students. The sessions commence in early February in what is referred to as Orientation Week (O Week). Students are encouraged to attend the School Welcome and Course Advice Session relevant to their intended course of study. If students are studying more than one degree it is highly recommended that they attend both course advice sessions. It is an opportunity to meet the academic staff in the course, and to hear about the enrolment options available at Murdoch.

School Welcome Orientation sessions are offered in Orientation Week to all new undergraduate and graduate coursework students. Students are encouraged to attend the School Welcome Orientation Session relevant to their intended major. If students are studying

more than one major or a combined course it is highly recommended that they attend sessions for each. It is an opportunity to meet academic staff, ask specific questions about courses, majors and minors, and discuss unit selection.

Full details of the O Week program will be forwarded to new undergraduate students and made available at:

<http://goto.murdoch.edu.au/Orientation>

Re-Enrolment of Existing Students

Current students who intend to re-enrol for 2014 are required to complete their enrolment by 7 February 2014. There is no guarantee of re-enrolment for any students who seek to re-enrol after the deadline. A fee may be charged for late re-enrolments.

Students should enrol in all units they intend to study during the academic year. This will assist the University in timetabling and in providing sufficient teaching resources for students. Students who do not enrol in second semester units by the end of May could also be charged a late re-enrolment fee.

All students are expected to re-enrol through MyInfo, except for the following:

Students who are registered as having no access to the Internet are sent re-enrolment forms in November each year;

Honours students are re-enrolled by The Student Centre;

Research students will be re-enrolled by the Graduate Research Office on the basis of their Annual Progress Report;

Not-for-award students are required to re-apply for enrolment each year through The Student Centre.

MyInfo can be accessed via:

<https://goto.murdoch.edu.au/MyInfo>

Courses Subject to Restriction

All graduate courses are restricted and no student is able to transfer into a graduate course without approval.

Restricted Majors

Bachelor of Science in Animal Science

Bachelor of Chiropractic; Bachelor of Science in Chiropractic

Bachelor of Education in Early Childhood and Primary Teaching; Bachelor of Education in Primary Teaching; Bachelor of Education in Primary, 1-10 Health and Physical Education; Bachelor of Education in Secondary Teaching; both four-year and their combined degrees

Bachelor of Laws and combined degrees with Law

Bachelor of Nursing

Bachelor of Arts in Photography

Bachelor of Psychology with Honours

Bachelor of Arts in Radio

Bachelor of Arts in Screen Production

Bachelor of Arts in Social and Developmental Psychology

Bachelor of Arts in Sound

Bachelor of Science in Veterinary Biology

Changing Enrolment in Majors and Minors

Students wishing to change their enrolment in majors and minors can lodge a request via MyAnswers at any time.

<http://goto.murdoch.edu.au/MyAnswers>

Where a major is subject to restriction, adding it as a second major is subject to permission being granted by the relevant Academic Chair; students seeking to add that major or transfer into it must apply via The Student Centre. Applications are considered at the end of each semester. Closing dates and application forms are available at:

<http://goto.murdoch.edu.au/StudentForms>

Approved Leave

Students may apply for Approved Leave (intermission of enrolment) for a maximum total period of two years during any undergraduate course, or for a maximum total period of one year for Honours and graduate courses. Students granted Approved Leave are guaranteed a place in the University and in their course provided they resume studies at the end of the approved period.

An Approved Leave form, or a written application stating the grounds for seeking leave should be submitted via MyAnswers. The date this is received is the date of effect of the Approved Leave on the student's enrolment record, unless the student requests it to take effect the following semester or trimester as relevant to the student's course. The Approved Leave form is available at:

<http://goto.murdoch.edu.au/StudentForms>

More detail on Approved Leave is available at:

<http://goto.murdoch.edu.au/Intermission>

Withdrawal of Enrolment

Domestic students may discontinue their studies by formally withdrawing from the University. This must be done through MyInfo (withdrawing from any enrolled units) and then by completing the Complete Withdrawal from Course form and submitting it via MyAnswers or to The Student Centre. Telephone advice to members of staff is not accepted as advice of withdrawal.

Re-admission is either via the Tertiary Institutions Service Centre (TISC) for undergraduate applications timed to commence at the start of the academic year:

<http://goto.murdoch.edu.au/TISC>

or online for mid-year re-admission:

<http://goto.murdoch.edu.au/ApplyingToMurdoch>

A student applying for re-admission after an unapproved break in studies of two or more semesters is required to meet the course and fee requirements in force at the time of re-admission, subject to those requirements being varied in individual cases by the Academic Chair and Manager, Student Registry respectively.

A student who has no substantive enrolment in an academic year will have their enrolment discontinued and be required to apply for re-admission.

Any student who is permitted to re-enrol after exceeding the maximum permissible period of enrolment may have conditions attached to their enrolment.

UNIT SETS

A 'Unit' is the basic element of a course that delivers educational material prescribed in the curriculum.

'Unit Sets' are groups of related units used to define a path of study undertaken to ensure the satisfactory progression through and completion of a student's course attempt. They can be majors, minors or other groups of units.

When a student enrolls in a course, at least one primary unit set is applied to the course attempt to further define the student's nominated path of study. If a student subsequently discontinues

that primary unit set then they are also obliged to change their course.

Examples:

Bachelor of Business (the course) with a major in Accounting (the major is the unit set)

Bachelor of Arts (the course) with a major in Criminology (the major is one unit set) and a minor in Management (the minor is another unit set)

Graduate Certificate in Energy Studies (the course) has a single unit set associated with it, also called Graduate Certificate in Energy Studies

Graduate Diploma in Energy and the Environment has a number of unit sets available, corresponding with the specialisations available in that course.

Unit set 'rules' typically require the completion of particular units or credit points at certain levels of study, and are used to verify a student's progress. Similarly, course rules can require the completion of one or more particular unit sets.

Students will be able to amend their unit sets and add non-restricted unit sets by lodging a request through MyAnswers. Students who wish to add restricted unit sets are able to make application at the end of each semester as part of the course transfer process. Closing dates and application forms are available at:

<http://goto.murdoch.edu.au/StudentForms>

Note that some courses will require completion of a particular unit set; in these cases the unit set will not be able to be removed. There are also limits on the number of unit sets that can be undertaken within the one course.

UNITS

Unit Offerings

University study is based on enrolment in units taken in distinct unit offerings, or enrolment options. A unit offering has a Location (for example, Rockingham campus), a Teaching Period (for example, S1 (the standard Semester 1 teaching period)) and a Unit Class or mode of study (for example, D (internal)). Many unit offerings are for a standard semester or trimester, some offerings are over two semesters, and others are in non-standard teaching periods.

The offerings applicable to each unit are shown in the Units section of this Handbook.

Note that the University does change unit offerings in response to enrolment and administrative needs, and students should use the online Handbook to obtain the most up-to-date information.

Teaching Periods

A Teaching Period is the period of time spent in teaching and assessing a unit, lasting from the first day of instruction to the final day of assessment. Each teaching period is uniquely identified by a code.

Most unit offerings are in standard teaching periods, and there are also a number of non-standard teaching periods. All standard teaching periods are as follows:

Standard Semesters include 12 teaching weeks and a final two-week assessment period.

Semester 1: S1 (February to June)

Semester 2: S2 (July to November)

The standard Summer term includes six teaching weeks plus one week of assessment; the standard Winter term comprises four weeks including assessment.

Summer term: SUM (November/December of the preceding calendar year to January/February)

Winter term: W (June to July)

Standard Full/Straddle Years are two consecutive standard semesters.

Full Year: Y (S1 then S2)

Straddle Year: H (S2 then S1)

Standard Trimesters are 14 weeks long, with 12 teaching weeks, a one-week study break and the final week used for assessment.

Trimester 1: T1 (January to April)

Trimester 2: T2 (April/May to July/August)

Trimester 3: T3 (August to November)

Trimesters used at Dubai and Singapore locations are:

January Trimester: TJA, TJB, TJD (January to April)

May Trimester: TMA, TMB, TMD (May to August)

September Trimester: TSA, TSB, TSD (September to December)

A comprehensive list of teaching periods can be seen at the beginning of the Units section of this Handbook.

Prerequisites

Some units assume a particular level of understanding before students can commence study; typically this is satisfied by completion of other (prerequisite) units. Where a unit has prerequisites, enrolment in the unit will require a student to have satisfied the prerequisites (or equivalents elsewhere) before commencing the unit. Students should consult the Unit Coordinator if they wish to seek a waiver of a prerequisite.

Internet access is required for students studying externally; in some cases exceptions may be considered on a case-by-case basis.

Overloads

A student is not permitted to enrol in more than 14 credit points in a semester unless approval has been obtained via The Student Centre from the Academic Chair. Generally a student needs a good academic record to cope with an enrolment overload. The Overload application form is available at:

<http://goto.murdoch.edu.au/StudentForms>

Late Enrolment

Internal Offerings

Students can enrol online in an internal offering of a unit up to the end of the second week of the teaching period. After the second week approval of the Unit Coordinator is required: students should contact The Student Centre for more information. The enrolment can be refused if the Unit Coordinator believes it will disrupt teaching in the unit, otherwise disadvantage other students already enrolled in the unit, or might be academically disadvantageous to the student. The Late Enrolment Internal application form is available at:

<http://goto.murdoch.edu.au/StudentForms>

External Offerings

Students can enrol in an external offering of an S1, S2 or Y offering of a unit until 5.00pm on Friday of the first week of that teaching period; the deadline for all other teaching periods is the Friday

before the teaching period starts. However, delays in receiving unit materials are likely to be experienced if a student enrolls later than two weeks before the start of the teaching period. Changing enrolment from an internal offering to an external offering of the same unit is permitted until the end of the second week of the unit. Enrolment after the closing date requires special approval; students should contact The Student Centre for further information.

Repeating a Failed Unit

A student who has failed a unit normally may take it a second time. Third attempts require the approval of the Academic Chair of the course offering the unit. Special approval may be granted by the President of Academic Council for a student who has failed a unit three times to be permitted to enrol in it for a fourth and final time. Conditions may be attached to a third or fourth attempt including, in the case of a core unit failed twice, that a student must repeat the unit at the first available opportunity.

Units offered at Peel and Rockingham

Students enrolled at the South Street campus are permitted to enrol in units at the Peel and Rockingham campuses, where places are available.

Unit Availability

Core units are offered each year, and at least once during each course offering where courses are of less than one year's duration. Elective units are offered at least each alternate year. A sufficient number of Specified Electives are offered in any course cycle to provide full-time students with a range of units from which to select.

Teaching Timetable

Murdoch University strives to offer a degree of flexibility in its courses, which is reflected in the timetable offered to students. Unfortunately, it may not be possible to schedule all possible combinations of units without clashes when constructing the timetable.

Core units and specified electives are a priority in the timetabling process and are timetabled to be as clash free as possible. Students selecting general electives are advised to ensure they fit with their core units' timetable. If this is not possible, students may want to consider selecting electives that are available in external mode or, where lecture recordings can be accessed online, for which a clash affects only a portion of the total lecture time.

The teaching timetable is prepared in accordance with the Timetabling Policy with the aim of meeting the needs of students and academic staff. Standard teaching hours are between 8.30am and 8.30pm, Monday to Friday; in some cases classes will be scheduled outside of these hours to accommodate specific units.

Teaching timetables are published biannually for each of the Semesters, Summer, Winter and Trimesters.

Amendments after the timetables are published to students are kept to a minimum, as per the Timetabling Policy; changes may be made when, for example, a class size exceeds the capacity of the venue or a teaching staff member has changed.

Teaching timetables are available at:

<http://goto.murdoch.edu.au/TeachingTimetables>

The Timetabling Policy is available at:

<https://goto.murdoch.edu.au/policy/Timetabling>

Classes

'Classes' is the collective term used for all teaching activities, such as lectures, tutorials, laboratories, workshops, seminars etc. Before

2012 these were known as Unit Activities.

Students need to register for their classes through MyInfo once class sign-up is available. Classes for most units start in the first week of the teaching period.

Special Types of Unit

Foundation Units

Students in a Bachelor Degree Course are required to take a Foundation Unit normally in their first semester of enrolment.

The primary purpose of University Foundation Units is to enable students new to the University to develop a range of generic learning skills in a context that develops a broad perspective. These Units provide a foundation for subsequent university studies and a basis for the development of Murdoch University's Graduate Attributes. For more information, refer to the section on Foundation and Transition Units in Bachelor Studies: A General Guide.

In 2014 Foundation Units will be taught only at Dubai, at Singapore for students enrolled in the Bachelor of Psychology/Bachelor of Arts in Psychology, and through Open Universities Australia. Where Foundation Units are not available, students should enrol in the relevant Transition Unit.

Transition Units

Students in a post-2014 Bachelor Degree Course are required to take a Transition Unit normally in their first semester of enrolment. A Transition Unit is a compulsory unit that introduces students to degree-specific skills that are necessary for success at university. For more information, refer to the section on Foundation and Transition Units in Bachelor Studies: A General Guide.

Breadth Units

A student enrolling in a post-2014 Bachelor Degree Course must enrol in a Breadth Unit. This is a specially designated Unit that provides students with interdisciplinary knowledge. 100-level Breadth Units are specified for each Degree Course. At 200 level and 300 level students may select from any appropriate level Breadth Unit offered.

Research Units

A student enrolling in a post-2014 Bachelor Degree Course must enrol in Research Units at 200 level and 300 level designed for single undergraduate degrees or for groups of cognate Majors supporting the development of research skills.

Skills Development Elective Units

Students in a Bachelor Degree Course may choose to enrol in a unit designed to develop their learning skills. Some students may be encouraged to enrol concurrently in a Foundation or Transition Unit and a Skills Development Elective Unit.

For more information, refer to the section on Skills Development Elective Units in Bachelor Studies: A General Guide.

Special Topics

Special Topic units comprise advanced study in particular areas, and the range of topics available (if any) varies from year to year. Details of topics on offer can be seen in the Units section of the online Handbook.

Independent Study Contracts

An Independent Study Contract (ISC) permits a student to study a topic or subject that is not available as a regularly-taught unit, under the supervision of an academic member of staff, and to obtain credit points for this. ISCs differ from formal units in that they are based on individual study rather than formal classes.

The student is responsible for the selection of the topic and for the organisation of the contract. The contract is a formal agreement between the student and the supervisor, specifying the material to be studied and the methods by which it will be assessed. A student undertaking a contract will be required to work closely with the supervisor.

Students must submit their applications via The Student Centre on the standard form. Applications should be submitted at latest by the first day of the teaching period in which the contract is to be undertaken, but it is preferable to apply at least several weeks in advance.

Not all students will be able to enrol in an ISC.

The Independent Study Contracts Policy is available at:

<https://goto.murdoch.edu.au/policy/ISC>

Change of Unit Enrolment, including Withdrawal

Most students (excluding honours, research and transnational students) are expected to change their unit enrolments through MyInfo:

MyInfo can be accessed via:

<https://goto.murdoch.edu.au/MyInfo>

The IT Service Desk can help with any difficulty in working through MyInfo:

Telephone +61 8 9360 2000

itservicedesk@murdoch.edu.au

<http://goto.murdoch.edu.au/ITServiceDesk>

Students who require assistance in unit selection or other academic issues should contact The Student Centre.

To change unit enrolments, honours students should contact The Student Centre for assistance. Research students should contact the Graduate Research Office.

For any other questions, students should access MyAnswers:

<https://goto.murdoch.edu.au/MyAnswers>

Withdrawal From Units

Withdrawals are recorded on the student's academic transcript as follows:

Withdrawal on or before the census date; withdrawal is not formally recorded on the academic record and no fee is incurred. An administrative record is kept.

Withdrawal after the census date, but on or before the last date for withdrawal without penalty in the teaching period in which the unit is to be completed; withdrawal is recorded and fees incurred.

Withdrawals after the last date for withdrawal without penalty: fail recorded and fees incurred.

For units that are offered in other teaching periods, census and withdrawal dates will apply as relevant to the teaching period. Details of census and withdrawal dates for all units are made available on the University web site, and can be accessed from the online Handbook.

<http://goto.murdoch.edu.au/DatesCalendar>

Australian students in receipt of Government support need to keep in mind their obligations to remain enrolled in at least the minimum number of required credit points.

International students must maintain a full-time enrolment at all times as a condition of their student visa. If an international student cannot enrol full-time, they must apply for permission from The

Student Centre to under-load. Permission may be granted in exceptional circumstances.

Retrospective Withdrawal, and Re-crediting and Remission of HELP and Fees

Students can apply to have unit outcomes amended from Fail or Withdrawn to Withdrawn with or without Load and remission of their HELP or tuition fee liabilities.

A student can only be assessed for retrospective withdrawal and re-crediting and remission if they have:

- not completed the requirements for the unit of study (i.e. have withdrawn from the unit, received a Fail grade, or been awarded Deferred Assessment and are subsequently unable to complete the unit);
- applied in writing within the deadlines; and
- met the exceptional circumstances requirements.

Exceptional circumstances:

- are beyond the student's control;
- do not make their full impact on the student until on, or after, the census date; and
- make it impracticable for the student to complete the requirements for the unit during the period in which the student undertook, or was to undertake, the unit. This includes any additional time that may be granted the student.

Exceptional circumstances might arise from medical, family, personal, employment or course-related reasons.

Application for retrospective withdrawal must be made in writing to the Manager, Student Registry via The Student Centre, within 12 months of the withdrawal date or, if the student has not withdrawn, within 12 months of the end of the period of study in which the unit was, or was to be, undertaken. Where a student has been granted permission to defer completion of their studies, the twelve-month period applies from the end of the extended period. The Manager, Student Registry has discretion to waive this requirement if he or she is satisfied that the application could not be made within the time limits.

The application should include independent supporting documentation to support the personal statements and claims. Depending on the nature of the special circumstances, the supporting documentation can include statements from doctors, counsellors, or employers. Supporting documentation should indicate:

- that the student's circumstances were beyond their control;
- that the circumstances did not make their full impact on the student until on or after the census date for the unit;
- when it became apparent after the census date that the student could not continue with their study;
- or, how the student's circumstances prevented them from withdrawing from their study before the census date.

Medical certificates or letters should include the medical provider number. Evidence of death can include death notice, newspaper extracts, or letters from counsellors, funeral directors and doctors.

Students will be asked to supply additional information if insufficient documentation is provided to allow a decision to be made. If a student does not respond to such requests in the time specified the application will be deemed to have lapsed.

Cross-Institutional Enrolments, or Unit Enrolment at Other Australian Universities

Students seeking to enrol in units at other universities for credit towards their Degree must obtain prior approval via The Student Centre. They must complete at least 50 percent of the Murdoch University Part II units from the requirements of the course and major or minor in which the student is graduating, or from related units as determined by the Academic Chair, and at least 20 such credit points for an honours bachelor's degree.

In accordance with the Units Policy a cross-institutional enrolment allows Murdoch students to undertake a unit from another institution if an equivalent unit is not available at Murdoch.

The Cross-Institutional Enrolment application form is available at:

<http://goto.murdoch.edu.au/StudentForms>

The Units Policy is available at:

<http://goto.murdoch.edu.au/UnitsPolicy>

Students must provide The Student Centre with evidence of their enrolment at the other university. Approval to enrol in the cross-institutional unit is normally required prior to enrolment; however, an Academic Chair has discretion to approve credit for cross-institutional enrolments where the student has already completed the unit.

As a condition of their student visa international students cannot study at another institution without permission from The Student Centre.

Cross-institutional enrolments for international students must be approved via The Student Centre as part of the compliance requirements under the ESOS Act, 2000; this must occur before the other institution processes the enrolment.

Normally recorded grades are Ungraded Pass (UP) or Fail (N) for cross-institutional units, however the grade achieved at the other institution is also shown on the academic transcript. Where the cross-institutional unit is a required unit and the other institution has the same grading schema as Murdoch, the grade achieved at the other institution is recorded in place of UP or N.

Unit Enrolment at Overseas Tertiary Institutions through the Exchange Program Study Abroad

Students enrolled in award courses may study for a semester, or an academic year, at a university overseas for credit towards their Murdoch University Degree. Limited opportunities are also available for graduate students.

Students are advised to begin planning for their Study Abroad experience during their first year of study. It is recommended that students complete General Electives while on exchange as these credits are easier to transfer towards their Murdoch University Degree. Students may also study Core Units and Specified Electives overseas. However, it is the student's responsibility to research for appropriate substitutes or equivalents and have these approved by the Academic Chair.

To be eligible to study abroad, students should have completed at least one year of full-time study (or part-time equivalent) at a tertiary institution of which at least 12 credit points must be from Murdoch University, have a minimum of a Credit grade average and be good ambassadors for the University.

Several Study Abroad travel bursaries are available to assist successful candidates. Travel bursaries are awarded competitively, based on sound academic performance and the ability of candidates, in the opinion of the committee, to both represent and promote the Study Abroad program and Murdoch University overseas. Commonwealth-supported students may apply for an OS-LOAN of up to \$5523 per six-month period (for a maximum of two periods). Further information is available from The Student Centre.

Further information on studying abroad is available at:

<http://goto.murdoch.edu.au/ExchangeStudents>

EXTERNAL STUDY

External units are designed for students to study on their own, generally without on-campus attendance. The University has a flexible unit offering model, using online technology in a complementary way to ensure that all students will be able to access the same unit package, whether they are studying in either internal or external mode.

Internet access is required for students studying externally; in some courses exceptions can be considered on a case-by-case basis.

Further information on external study is available at:

<http://goto.murdoch.edu.au/ExternalStudy>

External Courses

The lists of courses at the beginning of the Courses sections of this Handbook shows all courses offered in external mode.

External Units

All Murdoch units have an online presence in some capacity. Some units use only online resources whilst others may have some printed material that will be issued to external students. Whenever feasible, lectures are recorded and can be accessed online within 24 hours of delivery.

Students who cannot come onto campus may use the online order facilities of the University Bookshop to purchase required and recommended textbooks.

External students may use campus facilities such as the Library, or attend lectures if able to do so. Students who are enrolled in external mode for all units and who live more than 30 aerial kilometres from the South Street campus Library may borrow via the Library's online lending service. Reciprocal borrowing arrangements with interstate libraries are available. Further information on library services for External students, and details of eligible libraries, is available at:

<http://goto.murdoch.edu.au/ExternalStudentServices>

Contact with tutors varies from unit to unit and tutors will inform students how and when they may be contacted. Students are encouraged to establish regular contact with their tutors by telephone or email.

Enrolment in External Units

Unit offerings are shown in the Units section of this Handbook. A key to teaching periods appears at the beginning of the Units section of this Handbook.

External students need to consider their available study time when enrolling in units. Generally students should not enrol in a full-time external load unless they are able to devote approximately 40 hours per week to their study commitments.

For information concerning late enrolment in external offerings of units, refer to Late Enrolment under the Units heading above.

Students enrolled in an internal semester or year-long unit offering may change to the equivalent external offering of that unit only until the end of the second week of the teaching period. After that date, students must complete an application for Late Change from Internal to External Unit Offering if they have extenuating circumstances. This form is available at:

<http://goto.murdoch.edu.au/StudentForms>

When enrolled in units that are available in both a one-semester and full-year/straddle offering which begin at the same time, students may change between the two offerings up until the end of week 2 of that semester.

International students have restrictions surrounding their ability to enrol in external units due to student visa conditions and/or sponsorship conditions. It is recommended that international students contact The Student Centre to discuss their eligibility if seeking enrolment in external units.

External Enrolment by Students Based Overseas

Students studying from overseas, particularly those in developing countries, need to make allowance for potential difficulties and delays, especially in communicating with the University. Australian Citizens are not able to hold a Commonwealth-supported place if they are residing overseas and do not undertake at least some units of their course whilst resident in Australia. Permanent resident visa holders who are residing overseas whilst studying are not able to hold a Commonwealth-supported place unless they are required to reside overseas as part of the course; otherwise, they will be domestic full fee-paying students.

It is the student's responsibility to ensure that their computer resources and Internet access are sufficient to access the online resources required for effective study.

Examinations for External Units

Students enrolled in external offerings of units and living more than 100 kilometres from the campus at which they are enrolled are sent an email notice of examinations, where an examination is part of the unit's assessment requirements. For further information on assessment, refer to the Rules for the Conduct of Examinations available at:

<https://goto.murdoch.edu.au/policy/ConductOfExaminations>

and relevant Assessment/Examination topics elsewhere in the Handbook.

CANCELLATION OF COURSES, MAJORS, MINORS OR UNITS

The University reserves the right to cancel, without notice, any course, major, minor or unit if the number of students enrolled falls below limits set by the University or in other unforeseen circumstances.

ASSESSMENT AND ACADEMIC PROGRESS

The Assessment Policy is available at:

<http://goto.murdoch.edu.au/AssessmentPolicies>

Responsibilities of Students

The Assessment Policy specifically advises that students have the responsibility to:

Seek all information available well before assessments are due -- this may be available online, or in printed material specified for the course

Submit assessed work by the due date and in the specified process

Work in a manner that does not constitute misconduct, dishonesty or plagiarism

Behave in a manner which does not interfere with other students' rights

Seek advice and feedback at times specified by the Unit Coordinator

Consult appropriate Policies prior to lodging an appeal.

Students must include a completed cover sheet with each assessment submitted. A cover sheet form is included as an attachment to the Assessment Procedure at:

<http://policy.murdoch.edu.au/docview/?docid=1374&public=true>

Assessment Methods

Methods of assessment vary between units. However, each unit is required to have more than one assessment method, at more than one point in time, and must ensure that the amount of work required is appropriate to the credit points value of the unit.

All students will be provided with a statement of the assessment requirements for each of their units, including assessment methods and weighting.

Examinations

Usually all final examinations are held within the assessment period at the end of each semester or trimester. It is the student's responsibility to ensure that they are available throughout this period and that any travel is scheduled outside this time.

Semester examinations commence on the first Saturday of the assessment period, and are generally held in daily sessions commencing at 9.30am, 2.00pm and 5.00pm. Students are required to show their Murdoch University Student Card at the examination venue. External students who do not have a Murdoch student card may use alternate photo identification such as a driver's license or passport.

The examination timetable is published approximately five weeks prior to the assessment period and is available at:

<http://goto.murdoch.edu.au/ExaminationsTimetable>

Students who arrive no more than 30 minutes into the exam working time will be allowed to sit the examination, but will not be granted extra time. Those who arrive more than 30 minutes into the exam working time should report to the Examinations Office via The Student Centre. Students who miss an examination will not normally be allowed to sit the examination and will not be eligible to apply for deferred assessment.

The Rules for the Conduct of Examinations are available at:

<https://goto.murdoch.edu.au/policy/ConductOfExaminations>

Further information on exams is available at:

<http://goto.murdoch.edu.au/Examinations>

Grading System

Final Grades for units that award grades (most Murdoch units)

HD (High Distinction): 80-100%

D (Distinction): 70-79%

C (Credit): 60-69%

P (Pass): 50-59%

SP (Pass): pass grade awarded after supplementary assessment

N (Fail): below 50%

SN (Fail): fail grade awarded after supplementary assessment

DNS (Fail): the student failed to participate in assessment components that had a combined weighting of 50 percent or more of the final mark

Final Grades for units that only award Pass/Fail

UP (Ungraded Pass): 50% or above
 N (Fail): below 50%
 DNS (Fail): the student failed to participate in assessment components that had a combined weighting of 50 percent or more of the final mark

Interim Grades

G (Good Standing)
 NA (Not Available)
 Q (Deferred Assessment)
 SA (Supplementary Assignment): 45-49%
 SX (Supplementary Exam): 45-49%
 The award of either Supplementary grade shall be at the discretion of the Unit Coordinator except where clause 11.1.1 of the Assessment Policy applies.

The Assessment Policy is available at:

<https://goto.murdoch.edu.au/AssessmentPolicies>

Supplementary Assessment

A Unit Coordinator may, where appropriate and at their discretion, award an interim grade of SX (Supplementary Exam in the Supplementary/Deferred Exam Period) or SA (Other Supplementary Assessment). A supplementary grade may be reported where the student has a borderline fail grade (45 to 49 percent) in the unit, and the Unit Coordinator is able to arrange extra work and/or an examination to give the student a further opportunity to demonstrate achievement of the unit objectives.

The Unit Coordinator will notify the student in writing of the supplementary assessment arrangements, and, for the semester teaching period, the additional work must be completed within six weeks of the end of the main assessment period for the unit (for this purpose the two-week limited service period of the University will not be taken into account).

However, where a student achieves a mark of 50 percent or greater overall in the unit assessment, but fails because they do not achieve a pass or required minimum mark in one or more mandatory pass components, they must be awarded supplementary assessment, which shall normally be directed toward the area in which they have failed.

The only grades available after supplementary assessment are Supplementary Pass (SP) or Supplementary Fail (SN). An Ungraded Pass is not available. If supplementary assessment is not completed by the six-week deadline, a result of Fail will be recorded.

For those of its units that are offered on a full-year basis, the timetable for supplementary assessment may differ from that stated above. Students enrolled in affected courses will be informed of any variation.

Deferred Assessment

A student may be granted a deferral of assessment if an illness or other exceptional circumstance prevents them from sitting an exam or completing a piece of assessment work due in the last teaching week or later and it is possible for them to pass the unit.

Deferred assessment shall not be approved:

- for illness or other circumstances occurring prior to the census date for the unit; instead, an extension should be requested from the Unit Coordinator;
- for circumstances occurring after the census date and before the late withdrawal date for the unit and not continuing after then; instead, application should be made for retrospective withdrawal;

- if the student has sat the exam or submitted the assessment piece;
- if the student can't sit because it is during their working hours, unless it is shown that the employer has refused them leave; or
- if the student didn't sit an exam because they misread the timetable, forgot the exam or slept in.

Applications forms must be submitted to The Student Centre within three (3) University working days for exams, or by the last week of teaching for other assessment pieces. Application forms are available from The Student Centre as well as at:

<http://goto.murdoch.edu.au/DeferredAssessment>

The application shall include a statement of the reasons for seeking deferment, and independent supporting evidence including a medical certificate if the application is on medical grounds.

Where an application is denied, the advice will include the reasons for the denial. The student may appeal to the Chair of the Student Appeals Committee within five (5) University working days of the date of the denial advice if the criteria in Section 10.4 of the Student Appeals Policy are met.

The Student Appeals Policy is available at:

<https://goto.murdoch.edu.au/policy/StudentAppeals>

For information on the Appeals process, refer to:

<http://goto.murdoch.edu.au/Appeals>

Deferred assessment is not available for units in which the student has been granted supplementary assessment. Under exceptional circumstances a student may apply to their Unit Coordinator to change the date of their supplementary assessment.

Notification of Assessment and Examination Results

Students are entitled to see their results in all assessment components of their unit, including raw marks for components and for the unit overall.

Examination results are released as follows:

- for semester exams, on the fourth Monday after the end of each assessment period;
- for trimester exams, on the second Friday after the end of each assessment period.

Note: For offshore teaching periods, this can be the third or fourth Friday after the end of each assessment period.

Results can be accessed via MyInfo:

<https://goto.murdoch.edu.au/MyInfo>

The Assessment Policy states that students have a right to view and discuss assessment results with a member of teaching staff. Students are entitled to see their results in all assessment components of their unit, including raw marks for components and for the unit overall. Students may inspect their marked examination scripts and discuss the marking with the Unit Coordinator, or nominee, within fourteen days of the posting of results. Unit Coordinators may require reasonable notice or set aside specified times for this. Where a Unit Coordinator is away from campus in the two weeks following the posting of results, another member of academic staff is designated to handle enquiries and is provided with detailed assessment information to facilitate this. Unit Coordinators retain examination scripts for one year from the end of the appropriate standard teaching period.

Academic Transcript/Statement of Academic Record

A formal statement of academic record is available to students from The Student Centre, or can be ordered online, at a cost of \$20. Normally one working day's notice is required.

<https://goto.murdoch.edu.au/TranscriptsRequestService>

Australian Higher Education Graduation Statement

The Australian Higher Education Graduation Statement (AHEGS) is provided to graduating students on completion of their award. It includes a description of the nature, level, context and status of their studies. Its purpose is to assist in recognition of Australian qualifications and to promote international mobility and professional recognition of graduates.

Murdoch Academic Passport

Murdoch Academic Passport is a compulsory online module that provides an orientation to academic integrity at Murdoch University. All students are required to complete the module during their first teaching period as a condition of being able to re-enrol in the following teaching period.

Dishonesty in Assessment

Academic integrity is an adherence to five fundamental values: honesty, trust, fairness, respect and responsibility in all work. Academic integrity is fundamental to the operation of all scholarship, whether it be original research or undergraduate assignments. It ensures that proper credit is given to those who do the work and that their intellectual contribution is acknowledged. It ensures that proper evaluation and feedback of performance can be given, and it buttresses the worth and reputation of academic awards on the basis they have been honestly earned. Murdoch University regards academic integrity as a fundamental value of student learning. It requires all students enrolled in the University to adhere to academic integrity in fulfilling each assessment task.

The University regards most seriously any acts of dishonesty relating to assessment of University courses and research. This includes plagiarism, ghostwriting, unauthorised collaboration, examination misconduct, theft of other students' work and misconduct in research. Acting unfairly or dishonestly in assessment is defined as misconduct under University legislation.

Depending on the seriousness of the case, dishonesty in assessment can lead to a requirement to undertake additional work, failure in a unit or in a part of it, suspension from the University or even permanent expulsion from the University. The University regards any form of cheating as a serious matter of academic dishonesty that threatens the integrity of the assessment processes and awards of the University, to the detriment of all other students and graduates of the University.

Plagiarism constitutes using the work of another without indicating by referencing (and by quotation marks when exact phrases or passages are borrowed) that the ideas expressed are not one's own. Students can use the ideas and information from other authors, but this use must be acknowledged. It is also not acceptable to submit an assignment that is simply a paraphrasing of extracts from other authors: the work submitted must include some intellectual contribution of the student's own. The Foundation and Transition Units in particular assist students in identifying what is considered plagiarism at Murdoch University.

Re-submission of previously marked work, for example the submission of the same, or substantially the same, piece of work for assessment in two different units by the student author is not acceptable practice.

Unauthorised collaboration ('collusion') constitutes joint effort between students, or students and others, in preparing material submitted for assessment, except where this has been approved by

the Unit Coordinator. Students are encouraged to discuss matters covered in units, but when writing an assignment, computer program, laboratory report or other piece of assessed work, the recording and treatment of data and the expression of ideas and argument must be the student's own.

Purloining -- copying the work of another without their knowledge -- is not acceptable, neither is ghostwriting which is submitting the work of another person as your own.

Dishonesty in assessment applies to work in any medium (for example, written or audio text, film production, computer programs, etc.)

Student Discipline Regulations

Information regarding Academic Misconduct can be found in the Student Discipline Regulations and the Student Discipline Procedure available at:

<https://goto.murdoch.edu.au/StudentDisciplineRegulations>
<https://goto.murdoch.edu.au/StudentDisciplineProcedure>

Academic Progress

Students must complete successfully at least half of their enrolled credit points each academic period in order to make satisfactory academic progress.

Certain courses may have additional academic progress requirements; these will be recorded in the course's entry in the Handbook.

Academic Progress is monitored under the Academic Progress Monitoring Procedure:

<http://policy.murdoch.edu.au/docview/?docid=1283&public=true>

A student excluded from enrolment, in either a particular major/course or the University as a whole, may appeal this decision under the Student Appeals Policy:

<http://goto.murdoch.edu.au/StudentAppeals>

Further information on academic progress can be found in the Coursework Regulations available at:

<https://goto.murdoch.edu.au/CourseworkRegulations>

STUDENT APPEALS

Murdoch University encourages students to resolve issues initially and informally through their Unit Coordinator and/or appropriate staff member. In cases where this is not possible, the student appeals process provides a further opportunity for students to seek a final resolution. For further information on the various types of appeals and their relevant procedures, refer to the Appeals Procedure at:

<http://goto.murdoch.edu.au/AppealsProcedure>

The Student Appeals Policy is available at:

<https://goto.murdoch.edu.au/policy/StudentAppeals>

Student Complaints

Where a student is dissatisfied with a decision made that falls outside of the Student Appeals process, the Student Complaints process enables the provision of information on how to address any issues and/or concerns. For further information refer on complaints, refer to:

<http://goto.murdoch.edu.au/StudentComplaints>

STUDENT COMMUNICATION

Students who change their home or postal address at any time during the year *must* notify the University through MyInfo. If MyInfo is not accessible, Change of Address forms are available from The Student Centre.

Official Communications Channel

Important messages regarding student enrolment and graduation are sent via the Official Communications Channel (OCC), which can be accessed at any time via MyMurdoch, the Student Portal:

<https://goto.murdoch.edu.au/MyMurdochStudents>

Students should check the OCC regularly for new communications from the University.

Email

The University will also correspond with students via email.

All students are provided by Murdoch with a student email account. Students with a non-Murdoch email account that they would prefer to use can override the address that the University provides.

New students can set their email address when accepting their offer (domestic students) or when activating their Murdoch account (international students).

Current students can maintain their email address through MyInfo.

Students without an external email account can use their Murdoch-provided account. These are automatically created for all new students, in the format

yourstudentnumber@student.murdoch.edu.au

Students can access their Murdoch email account using a web-based email interface via:

<https://goto.murdoch.edu.au/Webmail>

To login, students will need their Murdoch Username (Student Number) and Murdoch Password, the same as is required for access to MyInfo.

Further information on email accounts is available at:

<http://goto.murdoch.edu.au/UsingMurdochEmail>

Extenuating Circumstances

External students who are unable to access computer facilities due to extenuating circumstances are able to apply to receive their University correspondence via hard copy. An application form is included in enrolment information sent to new students. Further information is available from The Student Centre.

Bachelor Studies: a General Guide

The following information should be read in conjunction with Study at Murdoch: A General Guide in this Handbook. It is important that students also read the legislation relevant to their studies so that they are familiar with all of the requirements; for guidance refer to the University Regulation section of this Handbook.

Further information on all of these topics can be obtained from The Student Centre.

STRUCTURE OF UNDERGRADUATE BACHELOR DEGREES

Bachelor Degree Course descriptions and requirements appear in the Bachelor and Honours Degrees section of this Handbook.

Murdoch offers Bachelor Degrees of three- or four-year duration, which is the typical time taken to complete the degree when studying full time.

A three-year degree normally requires 72 credit points and a four-year degree 96 credit points. A full-time student normally enrolls for 12 credit points in each semester, or 24 credit points in each academic year.

Murdoch University has introduced new undergraduate Degree Courses commencing in 2014. These new Courses still take either three or four years to complete on a full-time basis. The new degree framework is structured around three key elements: transition to university; research skills; and depth and breadth of study. Every degree provides students with depth of knowledge and skills in at least one major area of study. Students continuing their study at Murdoch University in 2014 can remain in their pre-2014 Course and new students commencing with Advanced Standing may also be enrolled in pre-2014 Courses.

The Bachelor Degree comprises two Parts.

Part I

Part I is the first academic year of the degree; for a full-time student, it occupies the first two semesters (24 Credit Points). Part I introduces students to university-level studies; it provides a basis upon which studies in Part II are built and, where the course structure is not fully prescribed, it allows students to develop their interests by enrolling in elective units before finally deciding their course of study.

To satisfy Part I requirements of a course a student must satisfactorily complete:

- a University Foundation Unit or the relevant Transition Unit
- the Part I required Units of their primary Major
- normally a total of 24 Credit Points. (Courses can require from 18 to 30 credit points (including Advanced Standing for previous studies))

plus for students enrolled in a post-2014 Course:

- the Course's 100-level Breadth Unit.

Part I students must pass a University Foundation or Transition Unit and normally have accumulated 18 credit points before they can enrol in any Part II unit. Exemption from the requirement to complete a Foundation or Transition Unit may be given only if a student has been granted 24 or more credit points of Advanced Standing on the basis of previous studies elsewhere, or has at least 18 points of Advanced Standing and has previously passed a unit offered by another institution deemed by the relevant Academic Chair to be similar to a Murdoch University Foundation or

Transition Unit.

Part II

Part II comprises the balance of the degree and consists of more specialised study.

To satisfy Part II requirements of a Course, a student must satisfactorily complete:

- the units required for Part II of the Course and Major in which they are enrolled
- the total credit points required for the course

plus for post-2014 Courses:

- the 200- and 300-level Research Units
- the 200- and 300-level Breadth Units.

A student must also complete any further requirements for the course.

UNDERGRADUATE ADMISSION REQUIREMENTS

Applicants who satisfy the requirements detailed below are eligible for consideration to be offered a place; it does not guarantee that a place will be offered.

Applications for undergraduate study are considered in two groups: School Leavers and 'mature age', where the fundamental difference is the age of the applicant.

Further information on the Australian Qualifications Framework (AQF) referred to below can be obtained from:

<http://www.aqf.edu.au/>

School Leavers (Recent School Completion)

For admission at the beginning of the year, a school leaver is a person who will be under 20 years of age on 1 March in the year of admission, and who has not previously attempted (whether successful or not) any part of a qualification at a recognised tertiary/post-secondary institution. For mid-year admission, the age requirement is under 20 years of age on 1 August in the year of admission. School leavers will be considered on the basis of secondary education from Western Australia, interstate or overseas.

An applicant who is not a school leaver should see admission requirements for Mature Age below. Applicants who hold the qualifications detailed below are eligible for consideration to be offered a place; it does not guarantee that a place will be offered.

Applications will be considered from applicants who have:

a) completed the final two years of secondary education (Years 11 and 12) as defined by the School Curriculum and Standards Authority (SCSA) of Western Australia, or an equivalent final year of secondary education interstate or overseas (for example, Malaysian STPM, GCE 'A' levels, Chinese Gao Kao), and obtained the Western Australian Certificate of Education (WACE) or its interstate or overseas equivalent as approved by the Committee on University Entrance;

and

b) demonstrated English language competence through achieving either of the following:

(i) a combined scaled score of 50 or more in English (stage 2 or 3), Literature or English as an Additional Language/Dialect for those who are eligible to take this subject;

or

(ii) an equivalent level of English language competence as approved by the Committee on University Entrance. Applicants with qualifications from overseas will be required to provide satisfactory evidence of their competence in English via approved assessment;

and

c) achieved either of the following:

(i) a sufficiently high Australian Tertiary Admission Rank (ATAR), or its equivalent as approved by the Committee on University Entrance, to gain an offer of a place in a course;

or

(ii) a qualification at the AQF Certificate IV level or above, as assessed under the Australian Qualifications Framework.

Applications will also be considered under these criteria from those who have officially concluded their secondary schooling without satisfying (a) and (b) above but who have subsequently achieved satisfactory performance in a formal qualification at a recognised tertiary institution.

Applicants who meet the age requirement but who do not satisfy the other requirements above will not normally be eligible for entry to Murdoch University. Further information and counselling as to the options that are available can be obtained from The Student Centre, or refer to the OnTrack web site and check for University Access in the Courses section of this Handbook for details of enabling courses.

Interstate/International School Leavers

Applications will be considered from any applicant who has completed an equivalent final year of secondary school interstate or overseas (for example, Malaysian STPM, GCE 'A' levels, Chinese Gao Kao). Applicants with qualifications from overseas will be required to provide satisfactory evidence of their competence in English via an approved examination.

Applicants who are under 20 years of age on 1 March in the year of admission but who have met the criteria above (or its interstate or overseas equivalent as approved by the Committee on University Entrance) and successfully completed studies at a tertiary institution may be considered for entrance as mature-aged applicants under the Mature Age guidelines below.

Mature Age

Applications are welcomed from applicants who can present evidence that demonstrates capacity for tertiary study.

Applicants at least 20 years of age on 1 March in the year of admission (or 1 August for mid-year admission) may meet entry requirements through any of the following:

a) Achievement of the requirements for School Leaver entry; or

b) Satisfactory performance in the 'mature age' ATAR; or

c) Satisfactory performance in a formal qualification at a recognised tertiary institution; or

d) Completion of a qualification at the Australian Qualifications Framework (AQF) Certificate IV level or above, as assessed under AQF; or

e) Satisfactory performance in both the Written and either of the Verbal or Quantitative components of the Special Tertiary Admissions Test (STAT); or

f) Acceptable work experience; or

g) A detailed personal submission and resume of their occupational, educational and personal experience that may indicate their capacity for tertiary study; note that very few applicants gain admission by this method alone; or

h) Completed a University Access course offered by Murdoch University; or

i) Other criteria defined as acceptable by the Committee on University Entrance.

In addition to meeting the above requirements, all mature-aged applicants are encouraged to submit a personal statement of approximately one page with their application. The statement should address the following:

Why the applicant wishes to study the Murdoch course for which he/she is applying.

Why the applicant believes he/she is likely to be able to study successfully at Murdoch University.

What the applicant proposes to do with the Murdoch qualification after graduation.

If the applicant has any fails/late withdrawals from prior tertiary/post-secondary studies, what the reasons were for the unsatisfactory performance and how the circumstances leading to the unsatisfactory performance have changed.

Any other information that is relevant and would strengthen the application, such as work experience in the field of study.

Applicants for admission to certain courses (including Chiropractic, Law, Nursing, Psychology and Veterinary Science) whose application is based on a method of admission other than (a) are required to submit a personal statement as described above. A full list of these restricted courses can be obtained from The Student Centre.

Note: For all courses, Murdoch University reserves the right to limit the number of places available for Australian citizens, permanent residents and international students.

Prerequisites

Aside from the English competency requirement (stage 2 or 3 English, or equivalent), there are currently no subject prerequisites for admission to undergraduate courses at Murdoch University. Some first year units, particularly in the Science area, assume successful completion of relevant Year 12 (or equivalent) subjects; however, appropriate preparatory units are available if this is not the case.

Internet access is required for students studying externally; in some courses, exceptions can be considered on a case-by-case basis.

APPLICATION PROCESS

Domestic Applicants

Domestic applicants are applicants who are Australian citizens, permanent residents of Australia, or New Zealand citizens who are eligible for admission to a Commonwealth-Supported place. All other applicants should refer to International Applicants below.

Entry into Semester 1

For entry into Semester 1, an online application process is available through the Tertiary Institutions Service Centre (TISC). A 'TISC Guide' to this process may be purchased from TISC; all of the information in the Guide is available on the TISC web site.

Only one application can be submitted. Applicants may nominate in order of preference up to six courses at one or more of the participating tertiary institutions (Murdoch University, Curtin University, Edith Cowan University, University of Western Australia).

First Round Offers: Applications should be lodged with TISC generally by the last Friday in September of the year preceding admission. However, on payment of a late fee, applications will be accepted by TISC until the end of November, and still be considered in the first round of TISC offers.

Second Round Offers: Applications may also be accepted by TISC after the end of November until late January in the year of admission and be considered for the second round of TISC offers.

Contact details for TISC

Tertiary Institutions Service Centre
100 Royal Street
East Perth WA 6004
Telephone (08) 9318 8000
Facsimile (08) 9225 7050
<http://www.tisc.edu.au>

Entry into Semester 2

For entry into Semester 2, applications must be submitted directly to Murdoch University by applying online.

Please note that domestic applicants who will not complete any part of their course while resident in Australia are not eligible for a Commonwealth Supported Place and thus will be liable for full fees.

Further information for domestic applicants is available at:

<http://goto.murdoch.edu.au/ApplyingToMurdoch>

All applicants are required to keep an original or certified copies of any documentation submitted as part of their application. This may be required at a later date or be requested by the University as part of any admissions review or audit.

Readmission

Applicants who have previously been enrolled at Murdoch University (even if no unit was completed) and have not studied at the University for two or more semesters must also apply through TISC. Murdoch graduates seeking admission to Law as a graduate-entry student must apply through TISC.

Any applicant seeking readmission to Murdoch University who has been previously excluded from a course or the University must provide a written statement addressing the grounds of the exclusion.

Deferred Admission

Provision exists for applicants who are offered an undergraduate place at Murdoch University to defer their place for up to two years. Applicants who defer will have a place held for them in the original course offered. Deferred places will be automatically re-offered in the subsequent admission period so it is important that changes of address are advised to the University.

International Applicants

International students may apply to enrol at the University as full-fee-paying students, paying the full cost of tuition for their chosen course. Most undergraduate and postgraduate courses are available for full-fee enrolment. Qualified students may apply to commence study in either Semester 1 (commencing mid February) or Semester 2 (commencing late July).

Enquiries on tuition fees, eligibility and application procedures should be directed to The Student Centre.

Information on financial assistance can be obtained through Australian Government diplomatic posts overseas.

Further information on applying to Murdoch is available at:

<http://goto.murdoch.edu.au/EntranceRequirements>

MAJORS

'Major' (applies only to pre-2014 Courses): In Bachelor-level Courses, an academically coherent grouping of Units approved by Academic Council that prescribes up to 12 Part I Credit Points (unless Academic Council has approved more), inclusive of a Foundation Unit, and 24 or more Part II Credit Points. All Bachelor degree Courses include at least one major, except for General Arts, which comprises three minors instead.

'Major' (applies only to post-2014 Courses): An academically coherent sequence of Units approved by Academic Council that prescribes up to 18 Part I Credit Points for Group 1 Degree Courses and 3 to 9 Credit Points for Group 2 Degree Courses as set out in Schedule A2 of the Coursework Regulations (unless Academic Council has approved otherwise), and 18 or more Part II Credit Points. Unless otherwise exempted by Academic Council, all Majors include at least 9 Credit Points at 300 level. All Bachelor degree Courses include at least one Major.

Double Majors

A double major is two separately approved majors undertaken while the student is enrolled in a single course.

Students may enrol in double majors. However, where units can be counted towards the requirements of two majors, the structure (core units plus specified elective units) at Part II level must ensure that at least 12 Part II Credit Points from each major for pre-2014 Courses and at least 9 Part II Credit Points from each major for post-2014 Courses cannot be counted towards the other.

Where two majors include too few credit points of difference, students may not complete a double major in that combination. These 'Excluded Double Majors' are recorded under the relevant course description in the Bachelor and Honours Degrees section of this Handbook.

Teaching timetable clashes are avoided for the popular double majors, but it is not possible to do so for all possible double major combinations.

Transfers Between Majors

An enrolled student is entitled to apply to transfer to any course and associated major that is not restricted by Academic Council. Where a restriction on admission to a major has been approved by Academic Council, a student may apply for admission to that major in accordance with procedures approved by the Council. Applications to transfer majors are considered at the end of each semester and follow the same procedures and deadlines as for transfer between courses.

Students may add and discontinue other, non-restricted majors that are not associated with their course at any time by lodging a request through MyAnswers. For further information refer to Unit Sets in Study at Murdoch: A General Guide above.

Changes to the Structure of Majors

When there is a change to major requirements, students already enrolled in the major are not subject to any additional requirements. However, they may elect to meet the requirements of the new structure. This should be discussed with The Student Centre.

MINORS

In undergraduate courses, a minor is a prescribed academically coherent grouping of Units that requires completion of fewer points than a major. A minor can have the purpose of allowing for specialisation or diversification.

For pre-2014 Courses, a minor has a points value of between 11 and 19 points, including no more than 9 Part I points and at least 8 Part II points. At least 6 Part II points of a minor cannot be counted towards a Major or another Minor.

For post-2014 Courses, a Minor consists of a set of academically coherent Units, approved by Academic Council, that prescribes 12 Credit Points, with no more than 6 Part I Credit Points and at least 6 Part II Credit Points. At least 6 Part II Credit Points cannot be counted towards a Major or another Minor.

Where there is excessive overlap between a major and a minor, or between two minors, students are excluded from enrolling in that combination. These exclusions are listed in the Bachelor and Honours Degrees and Minors sections of this Handbook.

Successful completion of minors is recorded on academic transcripts if the student has nominated the minor(s) before completion of the Course.

Students can manage their enrolment in most minors through MyAnswers: for further information refer to Unit Sets in Study at Murdoch: A General Guide above.

For details of minors offered, refer to the Minors section of this Handbook.

UNITS

Part I Credit Points in the Undergraduate Degree

Normally a Bachelor's Degree includes 24 Part I credit points, but it must include at least 18 and no more than 30 Part I credit points. Students may enrol in one or more Part I units during Part II of their degree, provided the total number of Part I credit points (including Advanced Standing) in the degree does not exceed 30. If the Part I enrolment exceeds this limit, only 30 credit points will be used towards the course and degree requirements.

Enrolment in Part II Units while a Part I Student

A Part I student may not enrol in a Part II unit unless they have completed 18 credit points (including any Advanced Standing) and passed a Foundation Unit or Transition Unit (from 2014). Any other Part I student seeking to enrol in a Part II unit must obtain approval of their Academic Chair via The Student Centre.

FOUNDATION AND TRANSITION UNITS

With the introduction of the new suite of Degrees at Murdoch University in 2014, students will complete a Transition Unit in place of the Foundation Unit that students in pre-2014 Courses have done (and will continue to do at Dubai and Singapore locations).

The primary purpose of these units is to enable students new to the University to develop a range of generic skills in a context specific to their chosen degree. These units provide a foundation for subsequent university studies and a basis for the development of Murdoch University's Graduate Attributes.

In 2014 the Foundation Unit, Next Life (FDN107), will be offered at Dubai and Singapore locations. No prerequisites are required for the Foundation Unit.

Students are required to take a Transition Unit (or a Foundation Unit in the case of Dubai and Singapore) in their first semester of

enrolment. Part I students must pass this unit and have accumulated 18 credit points, including the Foundation or Transition Unit, before they can enrol in any Part II unit. A student shall not enrol in more than one Foundation or Transition Unit for credit (students enrolled in a Combined degree course must refer to the requirements for their course in order to determine what Transition units they must complete).

Each Foundation and Transition Unit is worth 3 credit points and commonly involves two hours of lectures, two hours of tutorials and six hours of independent study per week and includes online components. The assessment in each unit may be based on a combination of written material (usually essays), tutorial participation, an oral presentation (internal students only) and a two-hour final examination.

Foundation Unit

Next Life (FDN107) at Dubai and Singapore locations only

Transition Units

Academic Learning Skills (BAR100) for Bachelor of Arts

Academic Skills for Business (BBS100) for Bachelor of Business

Australian Legal System (BJU100) for Bachelor of Laws

Building Blocks for Science Students (BSC100) for Bachelor of Science

Ideas in Education (BED100) for Bachelor of Education

Transition to Nursing Studies (BNR100) for Bachelor of Nursing

Transitioning into Engineering (BEN100) for Bachelor of Engineering

SKILLS DEVELOPMENT ELECTIVE UNITS

In addition to the Foundation and Transition Units, a number of units designed to develop learning skills with a particular focus are also offered.

Introduction to University Learning (TLC120)

Introduction to University Learning (TLC120) is an elective unit designed to develop key theoretical understandings, academic literacy, and confidence for success at university. The unit focuses on the culture and expectations of university, the nature of knowledge, and understanding yourself as a learner. It develops essential academic skills, including writing, reading, note making, referencing, critical thinking, time management and discussion skills. TLC120 is based broadly in the social sciences and humanities.

TLC120 begins in week 3 of each Semester at Murdoch and Rockingham campuses; it is also offered externally over the Summer term.

For further details, including unit offerings and the contact details of the Unit Coordinator, refer to the unit description in the Units section of this Handbook.

Writing Academic English (TLC121)

Writing Academic English (TLC121) is a Part I general elective unit designed for students for whom English is a Second Language (ESL) from all Schools and disciplines.

TLC121 explores the reading and writing strategies and conventions that will enable students to become effective communicators at university. By critiquing and practising academic writing you will develop your ability to use academic language, research, thinking critically, and communicate complex ideas in English.

TLC121 begins in week 1 of each Semester at Murdoch campus.

Students may enrol directly into TLC121, or they may be referred to the unit by their First Year Advisor, a Transition Unit tutor, or a Unit Coordinator of another unit.

For further details, including unit offerings and the contact details of the Unit Coordinator, refer to the unit description in the Units section of this Handbook.

Rocket Science: Academic Skills for Science Students (TLC123)

Rocket Science (TLC123) is a Part I general elective unit designed to develop generic learning skills used in the sciences beyond those covered in the Foundation and Transition Units. TLC123 is aimed at all science students (all physical and life sciences, including psychology). The unit balances practical and theoretical knowledge to enhance students' scientific report writing skills. It explores the historical development of scientific knowledge, the relationship between scientific knowledge, worldview and paradigm shifts and the role of scientists in the wider community. Practical report writing skills covered include: writing, reading, referencing and research skills, critical thinking, numeracy, graphs, Excel and time management.

TLC123 begins in week 3 of each Semester at Murdoch campus, where it is also offered intensively in the Summer term.

Information sessions are held in the regular TLC123 lecture timeslot in weeks 1 and 2 of Semester. Students may enrol directly into TLC123 or they may be referred to the unit by their First Year Advisor, a Foundation or Transition Unit tutor or the Unit Coordinator of another unit.

For further details, including unit offerings and the contact details of the Unit Coordinator, refer to the unit description in the Units section of this Handbook.

Academic Communication and Critical Literacy (TLC220)

Academic Communication and Critical Literacy (TLC220) is a Part II general elective unit designed to develop and refine academic communication and literacy skills for success at university. TLC220 enables a deeper understanding of communicating within the Social Sciences and Humanities framework. It builds students' confidence and ability in higher-order academic skills such as research, evaluation, comprehension of complex concepts, argument development, and analysis. Students also learn advanced essay writing and refine their referencing skills.

TLC220 is offered internally and externally in Semester 1 at Murdoch campus.

For further details, including unit offerings and the contact details of the Unit Coordinator, refer to the unit description in the Units section of this Handbook.

From University to Workplace (TLC277)

From University to Workplace (TLC277) is a Part II general elective unit designed to provide theoretical and practical knowledge to enhance students' career development and their transition to the culture of the workplace. As members of the local and global community, students are introduced to how large and small organisations recruit, select and retain personnel. The unit examines relevant concepts and workplace policies and practices, including significant industry input. The practical component complements the theory presented. The unit develops skills and confidence to enhance employment prospects, and provides strategies for utilising the knowledge and skills gained at university.

For further details, including unit offerings and the contact details of the Unit Coordinator, refer to the unit description in the Units

section of this Handbook.

Honours Studies: a General Guide

The following information should be read in conjunction with Study at Murdoch: A General Guide in this Handbook.

It is important that students also read the legislation relevant to their studies so that they are familiar with all of the requirements; for guidance refer to the University Regulation section of this Handbook.

Further information on all of these topics can be obtained from The Student Centre and from the Honours Policy, available at:

<https://goto.murdoch.edu.au/Honours>

STRUCTURE OF HONOURS DEGREES

Individual honours course descriptions and requirements appear in the Bachelor and Honours Degrees section of this Handbook.

There are two kinds of Honours offered by the University:

those which require completion of an additional 24 credit points to the ordinary degree ; and

those which include a research dissertation of at least 12 credit points.

Each honours student has an individual and distinctive honours project and program of study, which must be approved by the School Dean following recommendation by the appropriate Honours Sub-Committee by the end of the third week of the first semester of the student's honours enrolment. The honours program of study details the thesis topic area, length, production component, submission date and supervisor(s); details of any coursework including credit points value, enrolment option, method(s) of assessment, and supervisor(s); and when each honours component will be taken. The student shall be involved in drafting the honours program of study and shall be given a copy of the approved program of study no later than seven days after its approval. The School Dean should also arrange to send a copy of the study program to the supervisor(s) of the thesis and to the supervisor(s) of any individualised components.

The amount of coursework varies considerably between honours courses, ranging from zero to 12 credit points.

Where an honours course requires completion of an additional 24 credit points, those points must be at 400-level, but may include up to 4 credit points at 200/300-level and up to 8 credit points at 500/600-level. This can include units offered by other courses or universities. (Honours students whose first degree is from another university cannot include units from other universities, as at least 24 Murdoch credit points are needed to take out a Murdoch degree.) Coursework may include individualised honours components, but the terminology 'Independent Study Contract' is not applicable at honours level.

Honours which require completion of an additional 24 credit points shall be completed within no more than three years, including periods of broken enrolment arising from exclusion, approved leave, non-enrolment or any other cause.

Changes to the Honours Program of Study

Any change to the approved honours program of study requires the approval of the student, supervisor(s), Honours Sub-Committee Chair and the School Dean.

Honours Thesis

There are University guidelines on the format of honours theses. These are available in the Honours policy.

APPLICATION PROCESS

Applicants for honours should apply online or via The Student Centre.

Each School establishes its own minimum requirements for admission. Normally, completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval of the School Dean.

Applications for honours for the following year close towards the end of November to ensure sufficient time for consideration by the School, however late applications may be accepted. Students completing their ordinary Murdoch degree mid-year may apply in May to commence honours in Semester 2. Applicants are encouraged to check any closing dates with The Student Centre or the relevant School.

All applicants are required to keep an original or certified copies of any documentation submitted as part of their application. This may be required at a later date or be requested by the university as part of any admissions review or audit.

Enquiries about entry to specific honours courses should be directed to the Academic Chair.

WITHDRAWAL/APPROVED LEAVE/TRANSFERS/EXTENSIONS

Students wishing to withdraw from a component of an honours course (or to postpone a component to another semester) should do so before the census date, as any changes after then will be recorded on their academic transcript, will increase their fee liability and will not entitle them to extra time to complete their honours. Withdrawals and failures in honours components are taken into account when determining the final class of honours, but neither necessarily disqualifies the student from graduating with honours.

A student is permitted only one attempt at an honours course within a disciplinary area or group of closely related disciplines. Where a student withdraws from the honours course before the commencement of the second semester of enrolment (or third semester, in the case of a part-time student), this is not considered an attempt. Withdrawals after then are regarded as an attempt. Students who withdraw from honours do not receive any academic credit towards Honours for any coursework already completed; there is only a total 24 credit points credited when honours is awarded.

If a student needs to have a period of time away from their honours enrolment, an application form for Approved Leave should be submitted to The Student Centre. Approved Leave may be granted for a maximum period of two consecutive semesters. Students who are granted Approved Leave for one or two semesters will need to update their program of study. In some cases this may require changes to the components of the honours course, or of supervisor.

A student enrolled in one honours course may apply for entry into an alternative honours course within two weeks of commencing; if offered a place, the student must withdraw from the initial honours course before accepting the new offer.

The Honours Approved Leave and Complete Withdrawal from Course forms are available at:

<http://goto.murdoch.edu.au/StudentForms>

Graduate Studies: a General Guide

The following information should be read in conjunction with Study at Murdoch: A General Guide in this Handbook.

It is important that students also read the legislation relevant to their studies so that they are familiar with all of the requirements; for guidance refer to the University Regulation section of this Handbook.

Further information on all of these topics can be obtained from The Student Centre.

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COURSES

Graduate-Entry Bachelor Degrees (for Pre-2014 continuing students only) and Honours Degrees

Course descriptions and requirements are set out in the Bachelor and Honours Degrees section of this Handbook.

Certificates and Diplomas

Course descriptions and requirements are set out in the Graduate Courses section of this Handbook.

Graduate Coursework Degrees

Most Coursework Masters degrees include a dissertation or project. Course descriptions and requirements are set out in the Graduate Courses section of this Handbook.

Graduate Research Degrees

Candidature is offered in all Schools. The University encourages research in inter-disciplinary areas as well as in the basic disciplines. Course requirements are set out in the Graduate Courses section of this Handbook.

For a full-time student, the normal minimum period of candidature is 2 years for the MPhil, 18 months for the LLM (Research), three to four years for the PhD and 18 months for the Research Masters (with training).

Professional Doctorates

The University also offers Professional Doctorates by advanced coursework and thesis. Course descriptions and requirements are set out in the Graduate Courses section of this Handbook.

The major differences between professional doctorates and the Doctor of Philosophy (PhD) are that the former include substantial coursework (a PhD normally includes minimal or no coursework), and that the thesis must make a distinctive contribution to the profession (a PhD thesis must make a distinctive contribution to the knowledge of the subject with which it deals).

ADMISSION REQUIREMENTS

Specific admission requirements for graduate courses are recorded in individual course descriptions.

English Competence

The language of instruction is normally English; any variation is recorded in the offerings of relevant courses.

Unless otherwise specified in individual course admission requirements, all applicants will be required to provide satisfactory evidence of their competence in English, as per undergraduate

admission: see Bachelor Studies: A General Guide. Graduate research degrees have higher English competency requirements: Academic IELTS 6.0 with no band less than 6.0 or Paper based TOEFL 550 (with a written test of English 5).

Some courses have specific English requirements over and above those required for general postgraduate study; these are recorded in individual course descriptions.

APPLICATION PROCESS

The application process for graduate coursework studies for domestic applicants is online. Information is given below regarding specific application processes.

Domestic Applicants

Domestic applicants are applicants who are Australian citizens, permanent residents of Australia or New Zealand citizens. All other applicants should refer to the International Applicants information below.

Specific admission requirements may vary significantly by each course; specific admission requirements for graduate courses are recorded in individual course descriptions.

All applicants are required to keep an original or certified copies of any documentation submitted as part of their application. This may be required at a later date or be requested by the University as part of any admissions review or audit.

All applications should be submitted online to The Student Centre. Closing dates vary.

Graduate Coursework Degrees

Applicants for admission must normally hold a Bachelor's degree (AQF Level 7) or its equivalent in an area relevant to the proposed course. Entry to some graduate coursework qualifications requires satisfactory preparation for the course through previous studies and/or work experience. See individual course descriptions for more specific entry requirements.

Application deadlines for each course may vary, please review the admission information for each course to determine any additional deadlines or admission requirements.

Graduate Research Degrees

Applicants for admission to a research degree must normally hold at least an upper second-class Honours Bachelor's degree or its equivalent. Applicants with a Bachelor's degree only, but who have evidence of subsequent scholarly or professional attainments providing adequate research preparation, may also be considered. Applicants for admission to the Research Masters (with Training) must normally hold a Bachelor's degree and a graduate course requiring at least one year of full-time study or the equivalent of at least two years of full-time relevant professional experience or demonstrated relevant research capacity, or a four-year degree.

Applicants for part-time study must submit a statement that they will be able to devote a minimum of 15 hours per week to their research in each year of their candidature.

Admission to research degrees without coursework is possible throughout the year. Enrolment in Research Degrees with a coursework component is dependent on the dates the coursework is on offer. The closing date for international Graduate Research Degree Scholarship applications is the end of September, and the closing date for domestic Graduate Research Degree Scholarship applications is the end of October prior to the year of admission. A

mid-year scholarship application round may take place but is dependant on scholarships being available.

Further information, including application forms, is available at:

<http://goto.murdoch.edu.au/AdmissionApplnFormsResearch>

Professional Doctorates

Applicants must normally have completed a four-year qualification at an appropriate level (four-year Bachelor's degree, Master's degree, or Bachelor's degree and graduate diploma), and have satisfactory preparation including training in research methods. See individual course descriptions for more specific entry requirements.

Application forms are available at:

<http://goto.murdoch.edu.au/AdmissionApplnFormsResearch>

International Applicants

International students may apply to enrol at the University as full-fee-paying students, paying the full cost of tuition for their chosen course. Most undergraduate and graduate courses are available for full-fee enrolment. Qualified students may apply to commence study in either Semester 1 (commencing mid February) or Semester 2 (commencing late July).

Information on financial assistance can be obtained through Australian Government diplomatic posts overseas.

Further information on tuition fees, eligibility and application procedures can be obtained from the Future Research Students web site.

Application forms are available at:

<http://goto.murdoch.edu.au/ApplicationForms>

ENROLMENT

Graduate Coursework Degrees

For information on enrolment (including re-enrolment, changes of unit enrolment, and enrolment options) refer to Study at Murdoch: A General Guide above.

Students may enrol in units from other Master's courses subject to meeting unit prerequisites and approval of the Academic Chair.

Students need to ensure that their unit enrolment complies with the requirements of relevant legislation; see the University Regulation section of the Handbook for more information.

Dissertations

In addition to completing coursework, candidates for most Master's degrees will be expected to complete some independent research and project work or practice related learning.

In exceptional circumstances an extension to the timeframe for completion of a dissertation may be approved by the School Dean, on the recommendation of the Academic Chair. Where an extension has been granted and the work is not submitted by the start of the following semester, the student must enrol for a minimum of three credit points for that semester. This does not gain additional credit towards the degree, but incurs tuition fee liability for that semester.

Withdrawal of Enrolment

Graduate research students may discontinue their studies by formally withdrawing using the form provided by the Graduate Research Office.

Research candidature forms are available at:

<http://goto.murdoch.edu.au/ResearchCandidatureForms>

Independent Study Contracts

Graduate coursework students may apply to undertake an Independent Study Contract; this requires the approval of the School Dean. Details of the procedure to be followed are above in Study at Murdoch: A General Guide.

Graduate research students should submit the Graduate Research ISC Application Form to the Graduate Research Office.

Research candidature forms are available at:

<http://goto.murdoch.edu.au/ResearchCandidatureForms>

Professional Doctorates

For information on enrolment matters students must contact the Graduate Research Office.

RESEARCH CANDIDATURE ACADEMIC PROGRESS AND RE-ENROLMENT

Graduate research students are required to submit progress reports to the Graduate Research Office on the anniversary of their commencement of candidature via their supervisors, School Dean and Graduate Research Director. Provided that progress has been satisfactory, students will be re-enrolled for the following year. Continued enrolment also depends upon the satisfactory completion of individual milestones.

ASSESSMENT

Unit Coordinators must provide to students, no later than the beginning of the relevant teaching period, a statement of the assessment requirements including assessment methods and weightings. The assessment and grading system used at Master's level is the same as that outlined above in Study at Murdoch: A General Guide.

University Regulation

Information in this Handbook reflects revisions to University regulations and policies that take effect on 1 January 2014.

For 2013 information, see the 2013 Authoritative Handbook:

<http://handbook.murdoch.edu.au/>

Documents listed below will be of particular interest to students studying at Murdoch University. Most can be found in the Policy and Procedure Manager at:

<https://goto.murdoch.edu.au/PublicAccessPPM>

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Regulations

- Conduct of Examinations Regulations
- Coursework Regulations
- Fees Regulations
- Graduate Research Degrees Regulations
- Higher Doctorate Regulations
- Student Appeals Committee Regulations
- Student Discipline Regulations
- Student Loan Regulations

Rules

- Fee Rules Library Rules Rules for the Conduct of Examinations

Policies

- Advanced Standing Policy
- Assessment Policy
- Conscientious Objection in Teaching and Assessment Policy
- Copyright Matters and Copyright Policy
- Electronic Messaging Policy
- Honours Policy
- Internet Use Policy
- IT Conditions of Use Policy
- Privacy Policy
- Responsible Conduct of Research Policy
- Student Appeals Policy
- Units Policy

Codes

The University's Code of Ethics is a public statement of the ethical principles, values and behaviours expected of members of Murdoch University.

The University's Student Code of Conduct sets out standards of conduct and integrity that are consistent with the ethical values and behaviours specified in the Code of Ethics. It is intended to guide students to identify and resolve issues of ethical conduct that may arise.

Fees and Financial Assistance

FEES LEGISLATION

The Fee Rules provide details of Murdoch's fees and charges. The Senate approves all fees and charges by listing them in the Fees Regulations. The Fees Regulations delegate to the Vice Chancellor the authority to decide all the subsidiary details about fees and charges, by making rules containing this information.

The Fee Rules, the Fees Regulations, and Statute No. 22 -- Fees may be found in the Policy and Procedure Manager at:

<https://goto.murdoch.edu.au/PublicAccessPPM>

TUITION FEES

The authority to charge tuition and administrative charges is contained in the Fee Rules, the Fees Regulations, and Statute No. 22 -- Fees.

Australian Students

Full details of the tuition fees for each unit of study, the tuition fees policy and the policy on refunds are available via the online Course Fee Calculator:

<http://goto.murdoch.edu.au/CourseFeeCalculator>

Payment of tuition fees is normally required by the due date of the invoice or the start of the teaching period. If fees remain unpaid as of the census date, the student's enrolment may be cancelled and a late payment charge may be payable.

Some summer and winter term undergraduate units may only be available on a full fee-paying basis.

International Students

All international students in Australia, other than exchange students and citizens of New Zealand, are required to pay the full cost of tuition.

The tuition fee payable by each student is as stated on the Letter of Offer. After the first semester of enrolment, payment of tuition fees is required by the Friday before the start of semester/trimester. If fees remain unpaid at that date, the student's enrolment may be cancelled or a late payment charge may be payable.

If a student transfers to another course then they are liable for the tuition fees that apply to the new course at the rate applicable in the year of the transfer. Tuition fees for courses from 2009 on are liable to be increased each year, normally by the Consumer Price Index (CPI) rate applying to education services.

International students on a student visa must maintain a full-time study load of 12 credit points each semester and complete within the timeframes of their student visa. International students intending to modify their study load must confirm with The Student Centre prior to any change.

The Student Centre can provide full details of the tuition fees policy and the policy on refunds to students.

Unit Charges

In a small number of units students are required to pay a surcharge for special training or access to equipment, to purchase some of their own equipment (for example, a dissecting kit) for use during the unit, or to pay for their own food and accommodation at an optional field camp. Reference to this is made in the unit or course description. In addition, students are required to wear protective

clothing and footwear in laboratories.

HIGHER EDUCATION LOAN PROGRAMME (HELP)

All Australian Citizens and holders of permanent humanitarian visas are able to access loans to pay their tuition fees under the Higher Education Loan Programme (HELP). New Zealand citizens and other permanent visa holders can only receive HELP in certain circumstances (under transitional arrangements for continuing students or for bridging courses for overseas-trained professionals). From 2013 to qualify for HELP support students must undertake to complete at least one unit from their course while resident within Australia.

HELP loans are repaid through the tax system on an income-contingent basis. The minimum HELP repayment threshold for compulsory repayments is \$49,095 in the 2012-2013 financial year. The HELP loan debt is indexed according to the CPI and is otherwise interest free.

There are four types of HELP available for eligible students:

HECS-HELP -- to assist eligible Commonwealth-supported students pay their student contribution. There are two types of HECS-HELP assistance: the HECS-HELP loan and the HECS-HELP discount;

FEE-HELP -- to assist eligible fee-paying students pay their tuition fees; and

OS-HELP -- to assist eligible Commonwealth-supported students who wish to study overseas on exchange programs;

SA-HELP -- to assist eligible students to defer their Student Services and Amenities Fee.

All new Commonwealth-supported students must complete an online Commonwealth Assistance Form detailing their choice of support at the time of initial enrolment and before the census date for their first unit of study. All students wishing to access a HECS-HELP loan must provide their Tax File Number. Failure to fill out the correct form, or to provide their Tax File Number if accessing loan assistance, will result in cancellation of enrolment. When students transfer to a different course a new Commonwealth Assistance Form must be completed. Students can change their choice of support before the census date of a unit.

Domestic fee-paying students who wish to access FEE-HELP must complete an online Commonwealth Assistance Form and provide their tax file number before the census date for the unit of study.

HECS-HELP

All students admitted to a 'Commonwealth-supported place' at Murdoch are required to pay a 'student contribution amount' towards the costs of their course, unless they are exempt. How the student contribution amount is paid depends on a student's citizenship status.

Australian Citizens and permanent resident humanitarian visa holders are eligible for HECS-HELP assistance and can pay their student contribution in one of three ways:

Full up-front payment;

Partial up-front payment and obtain a HECS-HELP loan for the remainder; or

Obtain a HECS-HELP loan for the full amount.

Permanent humanitarian resident visa holders must reside in Australia for the duration of their course (unless otherwise required

by the course) to access HECS-HELP assistance.

All New Zealand and Australian permanent resident visa holders must reside in Australia during the teaching period, unless the requirements of their course provide otherwise, to maintain access to their Commonwealth-supported place.

New Zealand citizens and other permanent resident visa holders are not eligible for HECS-HELP assistance and must pay their student contribution up front without a discount.

From 2013, to qualify for HECS-HELP support students must undertake to complete at least one unit from their course whilst resident within Australia.

Students are exempt from paying the student contribution if they have an Exemption Scholarship, a Research Training Scheme place, a Merit-Based Equity Scholarship, or are undertaking work experience in industry where the University is not providing learning and performance support.

FEE-HELP

All students admitted to a Domestic Tuition fee-paying place at Murdoch are required to pay tuition fees. How the student contribution amount is paid depends on a student's citizenship status.

Australian Citizens and permanent resident humanitarian visa holders are eligible for FEE-HELP assistance and can pay their student contribution in one of three ways:

- Full up-front payment;
- Partial up-front payment and obtain a FEE-HELP loan for the remainder; or
- Obtain a FEE-HELP loan for the full amount.

Permanent resident humanitarian visa holders must reside in Australia for the duration of their course (unless otherwise required by the course) to access FEE-HELP assistance.

Other permanent resident visa holders who are undertaking an eligible bridging course for overseas-trained professionals may access FEE-HELP assistance if they will be resident in Australia for the duration of the unit of study.

New Zealand citizens and other permanent resident visa holders are not eligible for FEE-HELP assistance.

From 2013, to qualify for FEE-HELP support students must undertake to complete at least one unit from their course whilst resident within Australia.

There is a lifetime limit of \$93,204 (2013 figure) for all courses except medicine, veterinary science and dentistry, for which the limit is \$116,507 (2013 figure) for FEE-HELP assistance.

A 25 percent loan fee is applied to FEE-HELP loans provided for undergraduate courses. The loan fee does not count towards the limit.

OS-HELP

OS-HELP provides financial assistance to eligible Commonwealth-supported students who undertake part of their course overseas. OS-HELP is distinct from HECS-HELP and FEE-HELP in that it involves a cash payment directly to the student receiving the loan. Only a limited number of OS-HELP loans are available and students are required to apply. Details on the application and selection process are available from The Student Centre.

SA-HELP

SA-HELP is a loan scheme that assists eligible students to pay for all or part of their student services and amenities fee. The student

services and amenities fee is a fee that universities and other approved higher education providers (providers) can charge for student services and amenities of a non-academic nature, such as sporting and recreational activities, employment and career advice, child care, financial advice and food services. Students can choose to defer all or part of their fee for the relevant year.

To be eligible for SA-HELP students must:

- be an Australian citizen or hold a permanent humanitarian visa,
- be enrolled in a course of study at their university.

Students are not eligible if they are in a not-for-award enrolment, or cross-enrolled at another university. Students must also undertake to complete at least one unit from their course while resident within Australia.

If students use SA-HELP, the amount will be added to their accumulated HELP debt. Students can take out a SA-HELP loan even if they do not wish to take out any other HELP loan.

YOUTH ALLOWANCE/AUSTUDY/ABSTUDY

Full-time students enrolled in an approved course could be eligible for the Commonwealth Government's Youth Allowance and Austudy schemes. Students of Aboriginal or Torres Strait Islander descent may apply for comparable assistance under the ABSTUDY scheme.

Further information about Youth Allowance, Austudy or ABSTUDY is available from the nearest Student Assistance Centre of Centrelink.

MURDOCH STUDENT LOANS

Students may apply for emergency cash loans of up to \$200 from the Murdoch Student Loan Fund. Such loans must normally be repaid within two weeks. Longer-term loans of up to \$1000 are also available from the Murdoch Student Loan Fund (repayable within one year). Application forms are available at The Student Centre for international students and domestic students.

Loans are not given to assist in the payment of Murdoch University fees; students experiencing difficulty in paying fees should apply for an extension instead. Extensions to the payment date for Commonwealth-supported students are not permitted by Commonwealth legislation.

SCHOLARSHIPS

Murdoch offers a large variety of scholarships that provide for undergraduate, honours, postgraduate by coursework, and research study, and cater for a range of different personal circumstances.

For example: financial assistance in the form of one-off payments of \$1000; funds to assist students studying part of their Murdoch degree overseas; or an allowance to live on whilst undertaking a research project.

The majority of scholarships on offer are aimed at those in need of financial support, rather than being reserved for high achievers.

For information about the types of scholarships available, opening and closing dates and how to apply, visit the scholarships pages for:

Undergraduate, honours and postgraduate by coursework:

<http://goto.murdoch.edu.au/Scholarships>

Research:

<http://goto.murdoch.edu.au/ResearchScholarshipsApplnForms>

UNIVERSITY MEDALS

Up to seven Medals may be awarded each year for outstanding academic performance by undergraduate students.

Medals are awarded to students who in that year completed an ordinary bachelor degree, or an honours degree not requiring an additional period of study than that for the ordinary degree. Students may only be considered for a University Medal once.

To be eligible, students must have completed at least 48 credit points of graded Murdoch University units, irrespective of the length of the degree. Students completing graduate-entry bachelor degrees are eligible if the degree comprises at least 48 credit points.

University Medallists are chosen from among those who most consistently top their classes and have achieved a graduating course Grade Point Average of at least 3.25. Medallists shall receive a framed certificate, a silver medal and a cheque for \$1500.

Award of the Medal is recorded on the student's academic transcript, an honour board and the University web site:

<http://goto.murdoch.edu.au/UniversityMedallists>

The University Medals Policy can be found at:

<https://goto.murdoch.edu.au/policy/UniversityMedals>

VICE CHANCELLOR'S COMMENDATION FOR ACADEMIC EXCELLENCE

This award recognises academic excellence amongst the students enrolled in the ordinary Bachelor's degree. Each student will be assessed on the completion of each year equivalent credit point threshold within a course attempt, however no student will be eligible to receive an award more than once for each 24 points completed.

Recipients have the award recorded on their academic transcript and are given a certificate to mark the achievement at a presentation ceremony.

SCHOOL PRIZES

Prizes are usually awarded annually. Prizes for outstanding performance in a unit might be dependent upon offerings of the unit, and all prizes rely on continuity of sponsorship. Prizes might not be awarded every year and are subject to change without notice.

Murdoch University Student Charter

Source: Attachment to the Student Code of Conduct:
<http://www.murdoch.edu.au/goto/StudentCharter>

Purpose of the Student Charter

This Charter sets out the standards of service which the University aims to provide you as a student. The University is committed to aiming for the highest quality possible and this Charter is one way of outlining that commitment to you. The Charter aims to inform both you the student, and the University staff, of the reasonable expectations you may have of the services provided by Murdoch University, regardless of your location, and of the responsibilities which are placed on you as a student. This information will help you to ensure that you make the most of the opportunities the University provides. If you believe that any service provided by the University is less than adequate the University provides you with avenues (detailed in related websites appended to this Charter) to offer constructive criticism to improve it. A strong student contribution is an important part of the University's general strategy for client focus and continuous improvement.

It is important to note that the Charter is not intended to be the source of enforceable obligations. Rather, the Charter acts as a ready reference to your expectations and obligations, and to assist you in understanding the environment in which you are participating. The expectations and obligations summarised in the Charter are sourced from provisions of the *Murdoch University Act* and the statutes, rules, policies and procedures made pursuant to the Act. The statements outlined within this Charter complement but should not be regarded as replacing, adding to or interpreting those sources.

The University's Commitment

The University is committed to the ideals of excellence in performance and freedom of expression within the boundaries of academic scholarship. Achieving these ideals requires high standards of behaviour, diligence, perseverance and professionalism from both staff and students. Under the Australian Constitution there is an implied freedom to discuss public and political matters, consistent with the values and goals of an open and democratic society. However, Murdoch students studying in other jurisdictions are subject to, and expected to be respectful of, the law of the land in their respective locations.

Murdoch University is committed to providing students with an excellent post-secondary education and ensuring that all who study through the institution benefit as much as possible from the experience. This commitment is reflected in the provision of a broad range of educational opportunities at the tertiary level of study in a variety of modes; in teaching and supervision that reflects the aim for excellence; in the provision of modern, relevant and efficient facilities for on campus students; in the special attention paid to equity groups; and in the general care and attention to the interests of all students, both collectively and individually. Students can expect to be offered considerable support and assistance as they take responsibility for their progress through their studies.

The University endeavours to offer education of such a standard that, both nationally and internationally, each Murdoch University award will receive recognition at least equal to similar awards from other Australian tertiary institutions. Moreover, the University will endeavour to offer courses that will match the purposes for which they are intended, while satisfying the requirements of professional societies and other regulatory bodies. The purpose will be made explicit in clear statements of course aims, so that your reasonable expectations and needs can be met. Further, you can expect to complete the course in which you are enrolled in the format

described in official University publications, providing you make satisfactory progress, and complete the course within the guidelines given by the University.

Potential Students' Information and Access

As a potential student you will have reasonable access to current and accurate information about available University courses, application and admission procedures, the skills recognition policy (credit transfer and recognition of prior learning), and financial implications, prior to the enrolment period.

Students are selected for admission into Murdoch University by fair and open procedures with published criteria outlining right of entry for all levels of candidacy. The principles upon which selection decisions are made will be stated clearly on the Murdoch University, website and materials, the TISC guide and other materials, and those of other relevant providers, and will be adhered to by the University.

Provisions for Murdoch University Students

As a Murdoch University student you can expect to:

- on commencement be provided with a suitable orientation to your course and the University, with where appropriate provision for students from Australia and for international students;
- have access to accurate advice and assistance on matters relevant to your study including course and unit information, financial commitments associated with your study and an accurate University Calendar by commencement of the academic year or study period;
- have accurate records of your personal details and study at the University kept confidential and secure in line with the University's Privacy Policy;
- study in an environment which is protected by relevant University policies that deal with harassment and discrimination as stipulated by relevant Australian State and Federal Anti-discrimination legislation. If alleged harassment or discrimination occurs then the procedures for resolution of these grievances, available on the University website, will be followed;
- have your unit results determined and recorded accurately, and conveyed to you as soon as possible;
- have your academic achievements recognised through graduation or other appropriate ceremonies;
- have reasonable access to University facilities of an appropriate standard for all students;
- be provided with academic learning materials in an appropriate format in a reasonable time, if you have requested this through the appropriate University Disability support facility;
- be provided with appropriate support for your disability by the reasonable adjustment to facilities and services where necessary;
- in areas where Murdoch University has control, be provided with a safe and secure campus, in both buildings and grounds, to ensure your safety;
- be provided with equality of entitlements regardless of sex, ethnicity, race, religion, political belief, pregnancy, age, disability, sexual orientation, gender history, marital status, family responsibility, or background;
- have your queries, concerns and complaints about your studies, facilities or services addressed fairly and efficiently, using the grievances procedures where appropriate;

have the opportunity to be members of a student organisation which represents students' interests and is involved in any matters that affect students; and

have reasonable access to a range of support and information services including: personal counselling; career counselling; study skills assistance; disabilities information and support; employer liaison; and accommodation advice.

Murdoch University Students' Responsibilities

As a Murdoch University student you are expected to:

make yourself aware of, and comply with, University rules, regulations and all other procedures pertaining to your rights and responsibilities;

participate actively and positively in the educational processes of the University and provide constructive feedback on the teaching and learning environment to help staff to improve the learning experience;

meet assessment and administrative deadlines;

submit your own honest work with appropriate referencing, being aware of your responsibilities regarding proper use of copyright material;

prepare adequately and attend lectures and other sessions as scheduled and required;

raise questions or concerns about any aspect of your study including learning support or any special accommodations required with the appropriate person in a respectful manner and within a reasonable time frame; and

treat staff and other students with respect and courtesy, being aware of their equality of entitlements regardless of sex, ethnicity, race, religion, political belief, pregnancy, age, disability, sexual orientation, gender history, marital status, family responsibility, or background.

Graduate Attributes

Source:

<http://www.murdoch.edu.au/goto/GraduateAttributesStudents>

Graduate Attributes are the generic skills and attitudes that all undergraduate students are expected to develop during their studies. Murdoch University has adopted a set of nine Graduate Attributes that are further divided into sub-attributes. These Attributes reflect the vision of the University and are considered important for enhancing lifelong learning, social awareness and employability in its graduates. The development of these Attributes begins in the compulsory first year Foundation Units, and the University is working to ensure their integration across the curriculum in all undergraduate degree courses.

Each course can interpret and address the Attributes in keeping with the intellectual and pedagogic needs of the discipline. Thus, in some courses, certain Attributes may be covered in more depth and feature more in assessment. It is intended that the Attributes be scaffolded across the core units in all courses, and that collectively the core units develop or expose students to all of the Graduate Attributes and sub-attributes. It is expected that each undergraduate unit include a statement of the Graduate Attributes developed in that unit.

The nine attributes of a Murdoch graduate and the subattributes:

Communication

The ability to communicate effectively and appropriately in a range of contexts using communication, literacy, numeracy and information technology skills.

- Speaking skills
- Listening skills
- Reading skills
- Writing skills
- Numeracy skills
- Information and communication technology skills

Critical and creative thinking

The ability to collect, analyse and evaluate information and ideas and solve problems by thinking clearly, critically and creatively.

- Critical thinking
- Creative thinking
- Problem solving
- Research skills

Social interaction

A capacity to relate to and collaborate with others to exchange views and ideas and to achieve desired outcomes through teamwork, negotiation and conflict resolution.

- Collaboration
- Negotiation
- Conflict resolution

Independent and lifelong learning

A capacity to be a self directed learner and thinker and to study and work independently.

- Organisational and time management skills
- Independent study

Ethics

An awareness of and sensitivity to ethics and ethical standards on interpersonal and social levels, and within a field of study and/or profession.

- Personal ethics
- Social ethics
- Ethics in a field of study
- Professional ethics

Social justice

An acknowledgment of and respect for equality of opportunity, individual and civic responsibility, other cultures and times, and an appreciation of cultural diversity.

- Social and civic responsibility
- Knowledge of other cultures
- Knowledge of other historical times
- Appreciation of cultural diversity

Global perspective

An awareness of and respect for the social, biological, cultural and economic interdependence of global life.

- Global perspective

Interdisciplinarity

A capacity to acquire knowledge and understanding of fields of study beyond a single discipline.

- Interdisciplinarity

In-depth knowledge of a field of study

A comprehensive and in-depth knowledge of a field of study and defined professional skills where appropriate.

- Knowledge of a field of study
- Professional skills

University Access Courses

Cancellation of Courses, Majors, Minors and Units

The University reserves the right to cancel, without notice, any course, major, minor or unit if the number of students enrolled falls below limits set by the University or in other unforeseen circumstances.

Group	Course	Offerings
Enabling	K-Track	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	OnTrack	<ul style="list-style-type: none"> • Murdoch campus (internal) • Peel campus (internal) • Rockingham campus (internal)
Law	Koora Kudidj Pre-Law Program	<ul style="list-style-type: none"> • Murdoch campus (internal)
Media Studies	Kulbardi Wangkiny Pre-Media Program	<ul style="list-style-type: none"> • Murdoch campus (internal)
Veterinary Science	Waardong	<ul style="list-style-type: none"> • Murdoch campus (internal)

ENABLING

K-TRACK

No Specific School

Course Codes: N1077

Duration: 1 semester full-time

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

K-Track assists people to gain entry to undergraduate study with two entry points depending upon the performance of the student. The course is designed to not only help Indigenous people develop the skills necessary for success at university, but also to have them realise how empowering being a successful student can be. Following the successful completion of K-Track, students are then either directly enrolled into the undergraduate degree of their choice (with some exceptions) or are transitioned into further studies in the OnTrack program offered by the University.

Admission Requirements (Onshore):

This course is available to Aboriginal and Torres Strait Islander people only.

English Competence:

English competence.

Course Structure

KAC007 K-Track

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ONTRACK

No Specific School

Course Codes: N1069

Duration: 1 semester full-time

Availability:

- Murdoch campus (internal)
- Peel campus (internal)
- Rockingham campus (internal)

OnTrack is a fourteen-week, on-campus, pre-university course designed to assist people from disadvantaged or disrupted educational backgrounds to enable their entry to university.

The course consists of three modules that develop the generic skills, knowledge and values required for successful university learning. The OnTrack course allows participants the opportunity to experience life on a university campus. Students who require support in English as a Second Language will receive additional tutoring.

Following successful completion of the course, participants may be offered a place in an undergraduate course at Murdoch University and are provided with support to identify potential career paths as part of the course.

Admission Requirements (Onshore):

OnTrack is suitable for people from the following equity groups: people who can demonstrate educational disruption due to family, financial or social issues; Aboriginal and Torres Strait Islander people; people with disabilities or medical conditions; people living in rural or remote regions; and women wishing to study in one of the University's Engineering courses. The course also caters for people who have arrived in Australia under a Humanitarian or Refugee program.

In addition, the course offers an opportunity for Year 12 non-TEE students who have experienced disruption to their final year studies due to disability, medical condition or other significant family or social issues. Students in this category will require the support of their school teaching staff in order to apply.

English Competence:

English competence.

Course Structure

EQU060 OnTrack

MURDOCH: S1-internal, S2-internal

PEEL: S1-internal, S2-internal

ROCKINGHAM: S1-internal, S2-internal

LAW

KOORA KUDIDJ PRE-LAW PROGRAM

No Specific School

Course Codes: N1071

Duration: 4 weeks full-time in January/February

Availability:

- Murdoch campus (internal)

Law is an integral part of Aboriginal culture. The Koora Kudidj ('Learn Before') Pre-Law Program offers Indigenous people alternative access to entrance to the Law School and a chance of succeeding in Law or Legal Studies.

Koora Kudidj is an intensive four-week course which commences at the beginning of each year. The course is designed to assess the suitability of applicants wishing to study in the Law School. Successful graduates are guaranteed a place in first year Law or Legal Studies.

This course is designed to prepare and assess Aboriginal and Torres Strait Islander students for admission to Law (LLB) and the Bachelor of Arts in Legal Studies (BA). Applicants will develop strategies and techniques to handle the pressures and routines of university studies. The components are:

Study skills: how to draw on library resources, think critically and creatively about law, and present ideas in reflective, formal and oral ways.

Personal experience: consider the role of law in your own life, culture and community, and in the lives of others.

Theory and practice: explore key ideas and state-of-the-art practices aimed at preparing you for law in the 21st century.

Admission Requirements (Onshore):

This course is available to Aboriginal and Torres Strait Islander people only.

English Competence:

English competence.

Course Structure

EQU025 Koora Kudidj Pre-Law

MURDOCH: SB3-internal

MEDIA STUDIES

KULBARDI WANGKINY PRE-MEDIA PROGRAM

No Specific School

Course Codes: N1072

Duration: 4 weeks full-time in January/February

Availability:

- Murdoch campus (internal)

The media have particular importance for Aboriginal and Torres Strait Islander People as it provides a vehicles for telling their stories and also offer opportunities through employment to tell their stories themselves.

Wangkiny Pre-Media course is an alternative entry pathway into University study for Aboriginal and Torres Strait Islander students . Students who successfully complete this program are eligible to enrol in Murdoch University's undergraduate Media courses.

Instruction is in the form of small group workshops, tutorials and lectures from Murdoch staff, government agencies and industry.

Admission Requirements (Onshore):

This course is available to Aboriginal and Torres Strait Islander people only.

English Competence:

English competence.

Course Structure

EQU026 Kulbardi Wangkiny Pre-Media
MURDOCH: SB7-internal

VETERINARY SCIENCE

WAARDONG

School of Veterinary and Life Sciences

Course Codes: N1022

Availability:

- Murdoch campus (internal)

Waardong is a special entry program into the School of Veterinary and Life Sciences for Aboriginal and Torres Strait Islander people who want to become veterinarians. In order to maximise student success, Waardong provides academic, social and cultural support for Aboriginal and Torres Strait Islander students enrolled in Veterinary Science or, as approved by the relevant Academic Chair, other participating Health Science courses.

Waardong teaches Orientation Chemistry for students without a background in chemistry, and supplementary enabling units for students throughout their veterinary or other health science studies.

Students interested in applying for entry should contact the Special Education Officer in the School of Veterinary and Life Sciences. The deadline for submission of applications is 30 September each year; testing and selection week is in early December.

Admission Requirements (Onshore):

This special entry program for Aboriginal and Torres Strait Islander people is based on student results during the one-week residential testing and selection process. Evaluation of student readiness for study involves practical and written exercises throughout the week.

English Competence:

English competence.

Additional Academic Progress Requirements:

Progress of Waardong students will be assessed by the Board of Examiners on the recommendation of the Special Education Officer and the Chair of the Waardong Committee.

Program Structure

Students entering Waardong are placed in either one of Non-Chemistry Transition or Transition with Chemistry.

Non-Chemistry Transition

Students who do not have a background in chemistry are placed in Non-Chemistry Transition, which provides an intensive Orientation Chemistry and supplementary tutoring in all other units. Students take the Veterinary Entry year over two academic years.

Transition with Chemistry

Students who have entered the Veterinary Science major with Year 12 Chemistry are placed in Transition with Chemistry, which provides for supplementary tutoring in all units. These students enrol in the Vet Entry year full-time.

Core Units

Students enrol in the following units throughout their veterinary studies:

EQU011 Orientation Chemistry 1
MURDOCH: S1-internal

EQU012 Orientation Chemistry 2
MURDOCH: S2-internal

EQU021 Transition to Veterinary Studies 1
MURDOCH: S1-internal

EQU022 Transition to Veterinary Studies 2
MURDOCH: S2-internal

EQU023 Transition to Veterinary Studies 3
MURDOCH: S1-internal

EQU024 Transition to Veterinary Studies 4
MURDOCH: S2-internal

EQU031 Extension to Veterinary Biology 1
MURDOCH: S1-internal

EQU032 Extension to Veterinary Biology 2
MURDOCH: S2-internal

EQU033 Extension to Veterinary Biology 3
MURDOCH: S1-internal

EQU034 Extension to Veterinary Biology 4
MURDOCH: S2-internal

EQU035 Extension to Veterinary Biology 5
MURDOCH: S1-internal

EQU036 Introduction to Clinical Studies
MURDOCH: S2-internal

EQU041 Integrated Clinical Studies 1
MURDOCH: S1-internal

EQU042 Integrated Clinical Studies 2
MURDOCH: S2-internal

EQU043 Integrated Clinical Studies 3
MURDOCH: S1-internal

EQU044 Integrated Clinical Studies 4
MURDOCH: S2-internal

Bachelor and Honours Degrees

Cancellation of Courses, Majors, Minors and Units

The University reserves the right to cancel, without notice, any course, major, minor or unit if the number of students enrolled falls below limits set by the University or in other unforeseen circumstances.

Group	Course	Offerings
Accounting	Accounting (BBus)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Accounting (BCom)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Business in Accounting instead) • Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Business in Accounting instead) • SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English) • KDU College (Petaling Jaya, Malaysia) ['KDUPJ'] (internal) (by formal agreement) (language of instruction: English) (no new admissions from 2014 at this location; this course is only available to students who are already enrolled) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
	Honours in Accounting (BCom(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Animal Science	Animal Science (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal)
Asian Studies	Asian Studies (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Indonesian (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external) (all but 'Semester in Indonesia' units)
	Japanese (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Honours in Asian Studies (BA(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Honours in Asian Studies (Specialist) (BAsianSt(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Australian Indigenous Studies	Australian Indigenous Studies (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) • Some units only: Rockingham campus (internal)
	Honours in Australian Indigenous Studies (BA(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Banking	Banking (BBus)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Banking (BCom)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Business in Banking instead) • Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Business in Banking instead) • SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
	Honours in Banking (BCom(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)

Information on teaching periods is at the beginning of the Units section of this Handbook (if included). Standard Teaching Periods are:

S1 = Semester 1 S2 = Semester 2 SUM = Summer term W = Winter term Y = Full year H = Straddle year

T1 = Trimester 1 T2 = Trimester 2 T3 = Trimester 3

Group	Course	Offerings
Biological Sciences	Biological Sciences (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Honours in Biological Sciences (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Biomedical Science	Biomedical Science (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Honours in Biomedical Science (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Biotechnology	Biotechnology (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Honours in Biotechnology (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Business Information Systems	Business Information Systems (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students) • Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students) • SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English) • Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)
	Business Information Systems (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Business Information Systems (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Business Law	Business Law (BBus)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Honours in Business Law (BCom(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Chemistry	Chemistry (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Chemistry (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Chiropractic	Chiropractic (BSc+BChiro)	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Honours in Chiropractic (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Communication and Media Studies	Communication and Media Studies (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external) (all but one unit)
	Communication and Media Studies (BCommun)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students) • SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English) • KDU College (Petaling Jaya, Malaysia) ['KDUP'] (internal) (by formal agreement) (language of instruction: English) (no new admissions from 2014 at this location; this course is only available to students who are already enrolled) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English) • Some units only: Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students)
	Honours in Communication and Media Studies (BCommun(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)

Group	Course	Offerings
Community Development	Community Development (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Community Development (BA(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Computer Science	Computer Science (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students) • Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students) • SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English) • Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)
	Computer Science (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Computer Science (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Conservation and Wildlife Biology	Conservation and Wildlife Biology (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Honours in Conservation and Wildlife Biology (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Criminology	Criminology (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Honours in Criminology (BCrim(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Cyber Forensics, Information Security and Management	Cyber Forensics and Information Security (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Cyber Forensics, Information Security and Management (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students) • Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students) • SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
Early Childhood Education	Early Childhood 0-8 (BEd)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) • Rockingham campus (internal) • This course is not available to International students studying in Australia.
Economics	Economics (BBus)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Economics (BEcon)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Economics instead) • Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Economics instead) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
	Honours in Economics (BEcon(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)

Group	Course	Offerings
Education	Early Childhood and Primary Teaching (Four Years) (BEd)	<ul style="list-style-type: none"> • Murdoch campus (internal) (all but one unit) • Murdoch campus (external) (except for one school experience, and a one week intensive for EDN248) • Rockingham campus (internal)
	Primary Teaching (Four Years) (BEd)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) (except for one professional experience, and a one-week intensive for EDN248) • Rockingham campus (internal) (all Core Units plus some Specified Electives available; some units taken externally)
	Primary, 1-10 Health and Physical Education (BEd)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Rockingham campus (internal) • Some units only: Murdoch campus (external)
	Secondary Teaching (Arts Combined Drama) (BEd+BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) (except for one school experience, depending on teaching area selected)
	Secondary Teaching (Arts Combined English) (BEd+BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) (except for one school experience, depending on teaching area selected)
	Secondary Teaching (Arts Combined History) (BEd+BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) (except for one school experience, depending on teaching area selected)
	Secondary Teaching (Arts Combined Languages other than English (Indonesian)) (BEd+BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) (except for one school experience, depending on teaching area selected)
	Secondary Teaching (Arts Combined Languages other than English (Japanese)) (BEd+BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) (except for one school experience, depending on teaching area selected)
	Secondary Teaching (Combined Science Degrees) (BEd+BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) (except for one school experience, depending on teaching area selected)
	Secondary Teaching (Science Combined Mathematics) (BEd+BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) (except for one school experience, depending on teaching area selected)
Secondary Teaching (Science Combined Sport and Health Science) (BEd+BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) (except for one school experience, depending on teaching area selected) 	
Engineering	Electrical Power Engineering (BE)	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Environmental Engineering (BE)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Industrial Computer Systems Engineering (BE)	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Instrumentation and Control Engineering (BE)	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Renewable Energy Engineering (BE)	<ul style="list-style-type: none"> • Murdoch campus (internal)
Engineering Technology	Engineering Technology (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal)
English and Creative Writing	English and Creative Writing (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in English and Creative Writing (BA(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Environmental Management	Environmental Management and Sustainability (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Environmental Management (BEnvMan(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Environmental Science	Environmental Science (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Environmental Science (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Exercise Physiology	Exercise Physiology (BSc)	<ul style="list-style-type: none"> • Not currently available to new admissions

Group	Course	Offerings
	Honours in Exercise Physiology (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Extractive Metallurgy	Chemical and Metallurgical Engineering (BE)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
Finance	Finance (BBus)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Finance (BCom)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Finance instead) • Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Finance instead) • SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English) • Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)
	Honours in Finance (BCom(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Forensic Biology	Forensic Biology and Toxicology (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Honours in Forensic Biology and Toxicology (BForensics(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Games Art and Design	Games Art and Design (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Honours in Games Art and Design (BDMedia(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Games Software Design and Production	Games Software Design and Production (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Games Software Design and Production (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Games Technology	Games Technology (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Games Technology (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
History	History (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in History (BA(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Hospitality and Tourism Management	Hospitality and Tourism Management (BBus)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Hospitality and Tourism Management (BCom)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Business in Hospitality and Tourism Management instead) • SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English) • Some units only: Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Business in Hospitality and Tourism Management instead)
	Honours in Hospitality and Tourism Management (BCom(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)

Information on teaching periods is at the beginning of the Units section of this Handbook (if included). Standard Teaching Periods are:

S1 = Semester 1 S2 = Semester 2 SUM = Summer term W = Winter term Y = Full year H = Straddle year

T1 = Trimester 1 T2 = Trimester 2 T3 = Trimester 3

Group	Course	Offerings
Human Resource Management	Human Resource Management (BCom)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Human Resources Management instead) • Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Human Resources Management instead) • SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English) • KDU College (Petaling Jaya, Malaysia) ['KDUPJ'] (internal) (by formal agreement) (language of instruction: English) (no new admissions from 2014 at this location; this course is only available to students who are already enrolled) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
	Human Resources Management (BBus)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Human Resources Management (BCom(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Interactive Digital Design	Interactive Digital Design (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Honours in Interactive Digital Design (BDMedia(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
International Aid and Development	International Aid and Development (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
International Business	International Business (BBus)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	International Business (BCom)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in International Business instead) • Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in International Business instead) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
Internet Software Development	Internet Software Development (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Internet Software Development (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Internetworking and Network Security	Internetworking (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Honours in Internetworking and Security (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Journalism	Journalism (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)

Group	Course	Offerings
	Journalism (BCommun)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Arts in Journalism instead) • SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English) • Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English) • Some units only: Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Arts in Journalism instead)
	Honours in Journalism (BCommun(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Law	Common Law (BCL)	<ul style="list-style-type: none"> • Murdoch campus (internal) (mid-year commencement only)
	Law (LLB)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: University of Macerata, Italy (Macerata, Italy) ['IMACERATA'] (internal) (language of instruction: English) (some Specified Electives only) • Some units only: Geneva, Switzerland (Geneva, Switzerland) ['GENEVA'] (internal) (language of instruction: English) (some Specified Electives only) • Some units only: City University of Hong Kong (Hong Kong) ['CITYUHK'] (internal) (by formal agreement) (language of instruction: English) (some Specified Electives only)
	Law + Arts [Combined] (LLB+BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: University of Macerata, Italy (Macerata, Italy) ['IMACERATA'] (internal) (language of instruction: English) (some Specified Electives only) • Some units only: Geneva, Switzerland (Geneva, Switzerland) ['GENEVA'] (internal) (language of instruction: English) (some Specified Electives only) • Some units only: City University of Hong Kong (Hong Kong) ['CITYUHK'] (internal) (by formal agreement) (language of instruction: English) (some Specified Electives only)
	Law + Business [Combined] (LLB+BBus)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: University of Macerata, Italy (Macerata, Italy) ['IMACERATA'] (internal) (language of instruction: English) (some Specified Electives only) • Some units only: Geneva, Switzerland (Geneva, Switzerland) ['GENEVA'] (internal) (language of instruction: English) (some Specified Electives only) • Some units only: City University of Hong Kong (Hong Kong) ['CITYUHK'] (internal) (by formal agreement) (language of instruction: English) (some Specified Electives only)

Group	Course	Offerings
	Law + Science [Combined] (LLB+BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: University of Macerata, Italy (Macerata, Italy) ['IMACERATA'] (internal) (language of instruction: English) (some Specified Electives only) • Some units only: Geneva, Switzerland (Geneva, Switzerland) ['GENEVA'] (internal) (language of instruction: English) (some Specified Electives only) • Some units only: City University of Hong Kong (Hong Kong) ['CITYUHK'] (internal) (by formal agreement) (language of instruction: English) (some Specified Electives only)
Legal Studies	Legal Studies (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Honours in Legal Studies (BLS(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Management	Management (BBus)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Management (BCom)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Management instead) • Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Management instead) • SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English) • KDU College (Petaling Jaya, Malaysia) ['KDUPJ'] (internal) (by formal agreement) (language of instruction: English) (no new admissions from 2014 at this location; this course is only available to students who are already enrolled) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English) • Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)
	Honours in Management (BCom(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Marine Science	Marine Science (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Honours in Marine Science (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Marketing	Marketing (BBus)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external) (all but one unit)

Group	Course	Offerings
	Marketing (BCom)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Marketing instead) • SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English) • KDU College (Petaling Jaya, Malaysia) ['KDUPJ'] (internal) (by formal agreement) (language of instruction: English) (no new admissions from 2014 at this location; this course is only available to students who are already enrolled) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English) • Kaplan Higher Education Institute (Hong Kong, China) ['HK1'] (internal) (by formal agreement) (language of instruction: English) • Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English) • Some units only: Murdoch campus (external) (all but one unit; no new admissions from 2014)
Mathematics and Statistics	Honours in Marketing (BCom(Hons))	• Murdoch campus (internal)
	Mathematics and Statistics (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Mathematics and Statistics (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) (subject to approval of Academic Chair)
Mineral Science	Mineral Science (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Mineral Science (BSc(Hons))	• Murdoch campus (internal)
Miscellaneous	Double Degree Five Year	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Double Degree Four Year	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Molecular Biology	Molecular Biology (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Honours in Molecular Biology (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Nursing	Nursing (BNurs)	• Peel campus (internal)
	Honours in Nursing (BNurs(Hons))	• Some units only: Peel campus (internal) (all but one unit)
Philosophy	Philosophy (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Philosophy (BA(Hons))	• Murdoch campus (internal)
Photography	Photography (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Rockingham campus (internal) (only some first year units at this location)
Physics and Nanotechnology	Physics and Nanotechnology (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Physics and Nanotechnology (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Politics and International Studies	Politics and International Studies (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Politics and International Studies (BA(Hons))	• Murdoch campus (internal)
Psychology	Cognitive Neuroscience and Health Psychology (BSc)	• Murdoch campus (internal)

Group	Course	Offerings
	Psychology (BPsych)/(BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Arts in Social and Developmental Psychology or the Bachelor of Science in Cognitive Neuroscience and Health Psychology instead) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English) (Bachelor of Arts only)
	Social and Developmental Psychology (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Honours in Psychology (BA(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Honours in Psychology (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Public Relations	Public Relations (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Public Relations (BCommun)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Arts in Public Relations instead) • SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English) • KDU College (Petaling Jaya, Malaysia) ['KDUP'] (internal) (by formal agreement) (language of instruction: English) (no new admissions from 2014 at this location; this course is only available to students who are already enrolled) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English) • Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English) • Some units only: Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Arts in Public Relations instead)
	Honours in Public Relations (BCommun(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Radio	Radio (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal)
Religion	Religion (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Screen Production	Screen Production (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Screen Production (BMedia)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Arts in Screen Production instead) • Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English) • Some units only: Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Arts in Screen Production instead)
	Honours in Screen Production (BMedia(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Security, Terrorism and Counterterrorism	Security, Terrorism and Counterterrorism Studies (BA)	<ul style="list-style-type: none"> • Not currently available to new admissions
	Honours in Security, Terrorism and Counterterrorism Studies (BA(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Sociology	Sociology (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Sociology (BA(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)

Group	Course	Offerings
Sound	Sound (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Honours in Sound (BMedia(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Sports Science	Movement Science (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Sport and Health Science (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Honours in Movement Science (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Honours in Sport and Health Science (BSc(Hons))	<ul style="list-style-type: none"> • Not currently available to new admissions
	Honours in Sports Science (BSportsSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Sustainability	Sustainable Development (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Honours in Sustainable Development (BA(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Theatre and Drama Studies	Theatre and Drama (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Honours in Theatre and Drama (BA(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Tourism	Tourism and Events (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external) • Some units only: Rockingham campus (internal)
	Tourism and Events Management (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English) • Some units only: Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students)
	Honours in Tourism (BTour(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal)
Veterinary Science	Veterinary Biology (BSc)	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Honours in Veterinary Biology (BSc(Hons))	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Web Communication	Web Communication (BA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)

ACCOUNTING

ACCOUNTING (BBUS)

School of Management and Governance

Bachelor of Business (BBus) in Accounting

Course Codes: B1318

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Accounting is an integral part of the management process in any business or public enterprise. It acts as an evaluation and control aid when looking at the effectiveness and efficiency of the operations of an enterprise as well as employee performance. It provides information to assist users in making decisions for a variety of purposes, including the acquisition or sale of shares, lending of money, and provision of goods on credit.

In addition, Accounting helps managers, owners and investors to look after the assets and investments of the organisation over the latest financial reporting period. Capital investment and strategic decisions also use data produced by the accounting process.

A fourth year of study is available in the form of an honours year.

A Bachelor of Business provides a broad understanding of individual, organisational and societal issues. You will have the practical skills to identify business opportunities, analyse problems and implement solutions and you will be able to demonstrate a knowledge of business principles across key functional areas. You will have depth of knowledge in one or more business disciplines: accounting, banking, business law, economics, finance, hospitality and tourism management, human resources management, international business, management, marketing.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

The Accounting major is usually chosen by students interested in a career as a professionally qualified accountant. Graduates of this course can gain employment with professional accounting firms (working with clients in areas such as audit, taxation, and business services), in government, in other private sector firms, and in not-for-profit organisations.

Professional Recognition:

CPA Australia, Institute of Chartered Accountants in Australia (ICAA) and Institute of Public Accountants (IPA).

Students can satisfy the entry requirements (when the right combination of core and elective units are selected) for admission to membership of the professional accounting bodies. These include Associate membership of CPA Australia, and direct entry into the Institute of Chartered Accountants in Australia CA Programme and Associate membership of the Institute of Public Accountants (IPA). Students who have been granted Advanced Standing must discuss their enrolment and selection of units with the Academic Chair as their Advanced Standing may affect their ability to satisfy the admission requirements to the professional accounting bodies on completion of their degree.

Recommended Double Majors:

Finance

Excluded Minors:

Accounting

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Breadth Unit for Degree - 3 credit points

BBS150 Transforming Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 15 credit points

BUS130 Foundational Mathematics for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS176 Foundations of Management and Governance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS171 Foundations of Economics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external,
SUM-internal
ROCKINGHAM: S1-internal

BUS170 Foundations of Accounting - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

BSL165 Foundations of Business Law - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BBS200 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

BUS285 Technology and Accounting Processes - 3 points
Not available this year

BUS286 Corporate Finance - 3 points
Not available this year

BUS287 Management Accounting - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BBS300 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

BSL305 Company Law - 3 points
Not available this year

BUS356 Contemporary Financial Accounting - 3 points
Not available this year

BUS304 Accounting Theory and Accountability - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Recommended:

BUS358 Professional Internship in Business
Rockingham Campus

Additional Professional Accreditation Requirements

In order to qualify for admission to membership of the professional accounting bodies (CPA Australia, ICAA and the IPA) students must complete the following two units.

BUS303 Taxation - 3 points
Not available this year

BUS306 Auditing - 3 points
Not available this year

ACCOUNTING (BCOM)

School of Management and Governance

Bachelor of Commerce (BCom) in Accounting

Course Codes: B1003 B1003A

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Business in Accounting instead)
- Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Business in Accounting instead)
- SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English)
- KDU College (Petaling Jaya, Malaysia) ['KDUPJ'] (internal) (by formal agreement) (language of instruction: English) (no new admissions from 2014 at this location; this course is only available to students who are already enrolled)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)

Accounting is an integral part of the management process in any business or public enterprise. It acts as an evaluation and control aid when looking at the effectiveness and efficiency of the operations of an enterprise as well as employee performance. It provides information to assist users in making decisions for a variety of purposes, including the acquisition or sale of shares, lending of money, and provision of goods on credit.

In addition, Accounting helps managers, owners and investors to look after the assets and investments of the organisation over the latest financial reporting period. Capital investment and strategic decisions also use data produced by the accounting process.

A fourth year of study is available in the form of an honours year.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

The Accounting major is usually chosen by students interested in a career as a professionally qualified accountant. Graduates of this course can gain employment with professional accounting firms (working with clients in areas such as audit, taxation, and business services), in government, in other private sector firms, and in not-for-profit organisations.

Professional Recognition:

CPA Australia, Institute of Chartered Accountants in Australia (ICAA) and Institute of Public Accountants (IPA).

Students can satisfy the entry requirements (when the right combination of core and elective units are selected) for admission to membership of the professional accounting bodies. These include Associate membership of CPA Australia, and direct entry into the Institute of Chartered Accountants in Australia CA Programme and Associate membership of the Institute of Public Accountants (IPA). Students who have been granted Advanced Standing must discuss their enrolment and selection of units with the Academic Chair as their Advanced Standing may affect their ability to satisfy the admission requirements to the professional accounting bodies on completion of their degree.

Recommended Double Majors:

Finance

Excluded Minors:

Accounting

Course Structure - 72 credit points**Part I - 24 credit points****Foundation Unit - 3 credit points**

From 2014, Foundation units will no longer be offered. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 21 credit points

BUS161 Introduction to Economics - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

OR

BUS171 Foundations of Economics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external,
SUM-internal
ROCKINGHAM: S1-internal

BUS160 Introduction to Accounting - 3 points
DUBAI-ISC: TMD-internal

OR

BUS170 Foundations of Accounting - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ROCKINGHAM: S1-internal

ICT105 Introduction to Information Technology - 3 points
MURDOCH: S1-internal, S1-external, S2-external

BUS165 Principles of Commercial Law - 3 points
DUBAI-ISC: TMD-internal

OR

BSL165 Foundations of Business Law - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

MAS180 Introduction to Statistics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KDUPJ: S1U-internal

BUS145 Principles of Management - 3 points
MURDOCH: SUM-internal
DUBAI-ISC: TMD-internal

OR

BUS176 Foundations of Management and Governance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS140 Principles of Finance and Banking - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

OR

BUS130 Foundational Mathematics for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Part II - 48 credit points

Core Units - 24 credit points

BUS217 Technology and Accounting Processes - 4 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

BUS224 Corporate Finance - 4 points
MURDOCH: S1-internal, S1-external, S2-internal
ROCKINGHAM: S1-internal
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

BUS227 Management Accounting - 4 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

BUS256 Contemporary Financial Accounting - 4 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S1U-internal
SGP1: TMB-internal

BSL328 Company Law - 4 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal
KDUPJ: S2U-internal

OR

BUS328 Company Law - 4 points

KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

BUS310 Accounting Theory and Accountability - 4 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

General Electives - 24 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Additional Professional Accreditation Requirements

In order to qualify for admission to membership of the professional accounting bodies (CPA Australia, ICAA and the IPA) students must complete the following two units:

BUS312 Auditing - 4 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

BUS313 Taxation - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TMA-internal
KDUPJ: S1U-internal
SGP1: TMB-internal

Also recommended, for General Elective points only:

BUS267 Work-Based Learning - 4 points
MURDOCH: S1-internal (quota of 50 places)
This unit is recommended for final year students.

BUS352 International Study Tour - 4 points
MURDOCH: W-internal (quota of 15 places)
Students must have completed their Part I units.

HONOURS IN ACCOUNTING (BCOM(HONS))

School of Management and Governance

Bachelor of Commerce with Honours (BCom(Hons)) in Accounting
Course Codes: H1197

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop the ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average in units relating to the planned Honours study and a Distinction average overall. Subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 12 credit points****Core Units - 12 credit points**

BUS4011 Advanced Honours Topic in Commerce - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

BUS4012 Advanced Honours Topic in Commerce - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

BUS4013 Advanced Honours Research Preparation - 4 points
MURDOCH: S1-internal, S2-internal

Thesis - 12 credit points

BUS4019 Honours Thesis in Commerce - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

ANIMAL SCIENCE**ANIMAL SCIENCE (BSC)**

School of Veterinary and Life Sciences

Bachelor of Science (BSc) in Animal Science

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: Enrolment in this course is subject to restriction.

The aim of this degree is to train an adaptable animal scientist who will find employment in a wide range of agricultural industries. The degree will be excellent preparation for a career in animal agriculture and the animal research industries.

In the first year, students will be introduced to the major animal production industries and also study chemistry, introductory physiology and anatomy, statistics, cell biology, and animal ethics. Students also have the option of studying economics.

During second and third year, students will undertake further study in animal production systems (including scientific writing and communication), biochemistry, animal molecular biology, physiology and anatomy, immunology and vaccines, statistics, pathology, nutrition, microbiology, parasitology and genetics.

Fourth year allows students to choose from a selection of animal-based subjects at Murdoch University. As the principal activity, students will undertake a research project. For those wishing to graduate with Honours, students have competitive access to an honours stream within fourth year, whereby they can undertake a research project.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements. There are no prerequisites for admission but it is highly desirable for students to have studied Chemistry 3A/3B and at least Mathematics 2A/2B.

English Competence:

English competence.

Special Requirements:

Internet access; on-campus attendance for laboratory sessions.

Employment Prospects:

Gradlink surveys over the past five years indicate at least 75 per cent full-time employment. About 20 per cent of graduates go on to further full-time study. Agricultural industries employ animal science graduates in a variety of roles such as consultants, technical advisors, and government research officers.

Professional Recognition:

Australian Institute of Agricultural Science and Technology (AIAT).

Recommended Minors:

Applied Statistics; Economics; Molecular Biology

Additional Academic Progress Requirements:

Students should be aware that core units in the Bachelor of Science in Animal Science may be subject to enrolment quotas. Should the number of students applying for enrolment in a unit exceed the enrolment quota, then preference for enrolment will be given to those students enrolling in the unit for the first time.

Main Research Areas:

Animal Production, Agricultural and Veterinary Biotechnology.

Major Prerequisites**Chemistry Background**

Students who achieved a final scaled score of 50 percent or more in Chemistry 3A/3B within the past three years should seek an exemption from their Academic Chair for CHE140 Fundamentals of Chemistry. Students who have completed previous chemistry not stated above should also consult their Academic Chair for clarification of their enrolment requirements.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

ANS101 Introduction to Livestock Science - 3 points
MURDOCH: S2-internal

BMS107 Foundations of Vertebrate Form and Function - 3 points
MURDOCH: S2-internal

BIO152 Foundations of Cell and Molecular Biology - 3 points
MURDOCH: S2-internal

MAS183 Statistical Data Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

General Electives - 3 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BSC200 Bachelor of Science Research Skills Unit - 3 points

Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

VET272 Veterinary Biochemistry - 3 points
Not available this year

ANS230 Animal Production Systems II - 3 points
Not available this year

ANS221 Animal Structure and Function - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

VET380 Veterinary Nutrition and Animal Toxicology - 3 points
Not available this year

ANS333 Animal Production Systems III - 3 points
Not available this year

ANS337 Animal Industry Experience - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

ASIAN STUDIES

ASIAN STUDIES (BA)

School of Arts

Bachelor of Arts (BA) in Asian Studies

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

For political, economic, environmental and cultural reasons, the countries of East and South-East Asia play an increasingly important role in contemporary global change. This three-year degree offers the opportunity to study the media, religions, histories, politics, economics, sociology and anthropology of the Asian region. It is possible to combine an Asian Studies major with a second major in Indonesian or Japanese language.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments

and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

The major is intended to provide the background for careers in teaching, the diplomatic service, law, public service, business, and journalism, which require interdisciplinary perspectives on the Asian cultural, political and economic context.

Recommended Double Majors:

Community Development; History; Indonesian; International Aid and Development; Japanese; Politics and International Studies

Recommended Minors:

Asian Languages; Issues in Global Development; Modern Social History; Sociology

Excluded Minors:

Asian Studies

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 3 credit points

AST102 Asian Centuries - 3 points
MURDOCH: S1-internal, S1-external

General Electives - 15 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Unit - 3 credit points

AST281 Contemporary Asia - 3 points
Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Unit - 3 credit points

AST384 Asian Studies Project - 3 points
Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Specified Elective Unit List

Select Specified Electives from the following units during Years 2 and 3, subject to individual unit prerequisites. At least two units must be at 300 level.

AST350 Society, Culture and Ecology in Asia - 3 points
Not available this year

AST288 Women in Asian Societies - 3 points
Not available this year

AST352 Culture and Religion in Asia - 3 points
Not available this year

HIS258 Soldiers and Civilians: War in the Pacific 1941-1945 - 3 points
Not available this year

AST286 People's History of South-East Asia - 3 points
Not available this year

HIS310 Modern Japanese History - 3 points
Not available this year

IND371 Media, Culture and Politics in Indonesia - 3 points
Not available this year

INDONESIAN (BA)

School of Arts

Bachelor of Arts (BA) in Indonesian

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external) (all but 'Semester in Indonesia' units)

South-East Asia is a dynamic and rapidly industrialising region of

tremendous cultural, economic and political importance to Australia. The Indonesian major is designed to give students advanced skills in contemporary Indonesian language. This can be combined with an Asian Studies major, with units that examine Asian history, culture and contemporary issues. Students wishing to specialise in Indonesian may add an additional fourth year of study in Indonesia, undertaken through the national Australian Consortium for 'In-Country' Indonesian Studies (ACICIS), founded and hosted by Murdoch University.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

An intensive year of language study (usually in fourth year) is required to be taken either in-country or at Murdoch (where numbers permit). Entry to the in-country language year is competitive and may involve some financial outlay. Details of scholarships and more information on in-country study can be obtained from the Asian Studies Academic Chair.

The course is open to beginners as well as those with language competency. Students with language competency will be granted exemption from lower level language units and will be placed at the level appropriate to their level of competency. Such students may be required to take alternative units to replace the lower level language units.

Native speakers of Indonesian or Malay may be excluded from this major. Students from countries where Indonesian or Malay is a partial or complete medium of instruction on the educational system may be excluded from this major, or from the lower level language units, depending on their previous level of exposure to Indonesian/Malay.

Recommended Double Majors:

Asian Studies; Community Development; Economics; History; International Aid and Development; Politics and International Studies

Recommended Minors:

Asian Studies; Community Development; Ethics; Gender Studies; Issues in Global Development; Journalism; Legal Studies; Literature; Media Studies; Modern Social History; Politics; Sociology; Sustainable Development

Excluded Minors:

Asian Languages

Writing Skills:

Asian Studies students are strongly encouraged to include a writing unit in their selection of a general elective at either Part I or Part II.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BAR100 Academic Learning Skills - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external
 ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external
 ROCKINGHAM: S2-internal

Core Units - 9 credit points

IND101 Indonesian 1 - 3 points
 MURDOCH: S1-internal, S1-external

IND102 Indonesian 2 - 3 points
 MURDOCH: S2-internal, S2-external

AST102 Asian Centuries - 3 points
 MURDOCH: S1-internal, S1-external

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
 Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
 Not available this year

Core Units - 9 credit points

IND201 Indonesian 3 - 3 points
 Not available this year

IND202 Indonesian 4 - 3 points
 Not available this year

IND203 Indonesian 5 - 3 points
 Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
 Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
 Not available this year

Core Units - 9 credit points

IND301 Indonesian 6 - 3 points
 Not available this year

IND302 Indonesian 7 - 3 points
 Not available this year

IND371 Media, Culture and Politics in Indonesia - 3 points
 Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Recommended General Electives

Students with advanced language skills may be eligible to enrol in a Semester in Indonesian. They should seek advice from the Academic Chair before enrolling in:

IND243 Semester in Indonesia - 12 points
 MURDOCH: S1-internal, S2-internal

OR

IND443 Semester in Indonesia - 12 points
 MURDOCH: S1-internal, S2-internal

JAPANESE (BA)

School of Arts

Bachelor of Arts (BA) in Japanese

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

The Japanese language is a key to understanding the dramatic social and cultural change in modern Japan. The Japanese major, which is open to beginners and those with some knowledge of the language, consists of three years of interactive Japanese language study, fostering the four skills of speaking, listening, reading and writing. Students are encouraged to combine this with a major in Asian Studies, to strengthen appreciation of Japan's historical, political, economic and cultural context, and its global engagement.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

An intensive additional year of language study maybe possible to be taken either in-country or at Murdoch (where numbers permit). Entry to the in-country language year is competitive and may involve some financial outlay. Details of scholarships and more information on in-country study can be obtained from the Asian Studies Academic Chair.

The course is open to beginners as well as those with language competency. Students with language competency will be granted exemption from lower level language units and will be placed at the level appropriate to their level of competency. Such students may be required to take alternative units to replace the lower level language units.

Recommended Double Majors:

Asian Studies; Community Development; Economics; History; International Aid and Development; Politics and International Studies

Recommended Minors:

Asian Studies; Community Development; Ethics; Gender Studies; Issues in Global Development; Journalism; Legal Studies; Literature; Media Studies; Modern Social History; Politics; Sociology; Sustainable Development

Excluded Minors:

Asian Languages

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 9 credit points

JPN101 Japanese 1 - 3 points
MURDOCH: S1-internal

JPN102 Japanese 2 - 3 points
MURDOCH: S2-internal

AST102 Asian Centuries - 3 points
MURDOCH: S1-internal, S1-external

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

JPN201 Japanese 3 - 3 points
Not available this year

JPN202 Japanese 4 - 3 points
Not available this year

JPN203 Japanese 5 - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

JPN301 Japanese 6 - 3 points
Not available this year

JPN302 Japanese 7 - 3 points
Not available this year

JPN303 Japanese 8 - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Recommended General Electives

Students with advanced language skills may be eligible to enrol in a Semester in Japan. They should seek advice from the Academic Chair before enrolling in:

JPN443 Semester in Japan - 12 points
MURDOCH: S1-internal, S2-internal

HONOURS IN ASIAN STUDIES (BA(HONS))

School of Arts

Bachelor of Arts with Honours (BA(Hons)) in Asian Studies

Course Codes: H1064

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 12 credit points****Core Units - 8 credit points**

ART404 Research Methods in Social Sciences and Humanities - 4 points

MURDOCH: S1-internal, S1-external

AST4041 Honours Topic in Asian Studies - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

Elective Units - 4 credit points

Select from the following:

AST4042 Honours Topic in Asian Studies - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500-level) - 4 points

Thesis - 12 credit points

AST4049 Honours Thesis in Asian Studies - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

HONOURS IN ASIAN STUDIES (SPECIALIST) (BASIANST(HONS))

School of Arts

Bachelor of Asian Studies with Honours (BAsianSt(Hons))

Course Codes: H1162

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 8 credit points

ART404 Research Methods in Social Sciences and Humanities - 4 points
MURDOCH: S1-internal, S1-external

AST4901 Honours Topic in Asian Studies (Specialist) - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

Elective Units - 4 credit points

Select from the following:

AST4902 Honours Topic in Asian Studies (Specialist) - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500-level) - 4 points

Thesis - 12 credit points

AST4909 Honours Thesis in Asian Studies (Specialist) - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

AUSTRALIAN INDIGENOUS STUDIES

AUSTRALIAN INDIGENOUS STUDIES (BA)

School of Arts

Bachelor of Arts (BA) in Australian Indigenous Studies

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)
- Some units only: Rockingham campus (internal)

Australian Indigenous Studies is a dynamic, exciting field of enquiry. This major explores the resilience of Australian Indigenous peoples - their contemporary cultural expression, life experiences, and aspirations. Opportunities for hands-on learning include Indigenous cultural immersion and Work Integrated Learning in Indigenous contexts. Students critically engage with and apply a range of theories related to national identity and Indigeneity, decolonisation, and social justice. Upon completion, students will have the skills and knowledges to be effective agents of social change.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

A degree in Australian Indigenous Studies can be combined with a professional major to provide additional vocational training for disciplines including education, community development, the law, nursing or environmental science. An AIS degree also prepares people to work in the public service, and in Indigenous or other community organisations.

Recommended Double Majors:

Communication and Media Studies; English and Creative Writing; History; Journalism; Philosophy; Politics and International Studies; Public Relations; Sociology; Sustainable Development

Recommended Minors:

Community Development; Journalism; Media Studies; Modern Social History; Philosophy; Politics; Sociology; Sustainable Development

Excluded Minors:

Australian Indigenous Studies; Indigenous Sustainability

Main Research Areas:

History, environmental, sociology, heritage, community development, culture and media.

Course Structure - 72 credit points

Part I - 24 credit points**Year 1 - 24 credit points****Transition Unit - 3 credit points**

BAR100 Academic Learning Skills - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external
 ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external
 ROCKINGHAM: S2-internal

Core Units - 6 credit points

AIS180 Introduction to Australian Indigenous Studies - 3 points
 MURDOCH: S1-internal, S1-external
 ROCKINGHAM: S1-internal

AIS110 Introduction to Indigenous Popular Culture - 3 points
 MURDOCH: S2-internal, S2-external
 ROCKINGHAM: S2-internal

General Electives - 12 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BAR200 Bachelor of Arts Research Skills Unit - 3 points
 Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
 Not available this year

Core Unit - 3 credit points

AIS204 Australian Indigenous Politics: Historical Contexts and Contemporary Issues - 3 points
 Not available this year

Specified Electives - 6 credit points

Select from the following:

Students wishing to enrol in AIS208 Working with Indigenous Communities: Internship or AIS267 Bullargar Katitjin - Learning Together must consult the Unit Coordinator.

AIS234 Our Mob: Working with Indigenous Families - 3 points
 Not available this year

AIS241 Indigenous Spirituality - 3 points
 Not available this year

AIS267 Bullargar Katitjin - Learning Together - 3 points
 Not available this year

AIS208 Working with Indigenous Communities: Internship - 3 points
 Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BAR300 Bachelor of Arts Research Skills Unit - 3 points
 Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
 Not available this year

Core Units - 9 credit points

AIS306 Country, Nature and Identity: Indigenous Sustainability - 3 points
 Not available this year

AIS307 Indigeneity, Critical Theory and Social Justice - 3 points
 Not available this year

AIS356 Reading Reconciliation - 3 points
 Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN AUSTRALIAN INDIGENOUS STUDIES (BA(HONS))

School of Arts

Bachelor of Arts with Honours (BA(Hons)) in Australian Indigenous Studies

Course Codes: H1059

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Core Units - 12 credit points**

AIS4161 Honours Topic in Australian Indigenous Studies - 4 points
 MURDOCH: S1-internal, S2-internal, Y-internal

AIS4162 Honours Topic in Australian Indigenous Studies - 4 points
 MURDOCH: S1-internal, S2-internal, Y-internal

MCC444 Honours Seminar in Media Communication and Culture - 4 points

MURDOCH: S1-internal

OR

An equivalent Honours Seminar in another School, pending School approval - 4 points

Thesis - 12 credit points

ALS4169 Honours Thesis in Australian Indigenous Studies - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

BANKING

BANKING (BBUS)

School of Management and Governance

Bachelor of Business (BBus) in Banking

Course Codes: B1318

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Traditionally banks have recruited new staff directly from schools. Today they are recruiting more graduates from tertiary institutions. In banking units the student is exposed to the issue of information asymmetry that exists between the borrower and the lender and the need to design contracts that reveal and monitor the quality of the borrower. The units also consider the nature and legal implications of the banker-customer relationship. The high debt that financial institutions have in their capital structure, the interest sensitivity of their assets and the liquidity that depositors demand result in unique interest, credit and liquidity risk management issues. These issues are further complicated by government regulation and directives. A fourth year of study is available in the form of an honours year.

A Bachelor of Business provides a broad understanding of individual, organisational and societal issues. You will have the practical skills to identify business opportunities, analyse problems and implement solutions and you will be able to demonstrate a knowledge of business principles across key functional areas. You will have depth of knowledge in one or more business disciplines: accounting, banking, business law, economics, finance, hospitality and tourism management, human resources management, international business, management, marketing.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Completion of the banking major will open up employment opportunities for students in all types of financial institutions.

Professional Recognition:

Graduates are potentially eligible for associate membership of the Financial Services Institute of Australasia (FINSIA). For advice on specific requirements students should contact FINSIA directly.

Recommended Double Majors:

Accounting; Finance

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ROCKINGHAM: S2-internal

Breadth Unit for Degree - 3 credit points

BBS150 Transforming Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 12 credit points

BUS130 Foundational Mathematics for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS176 Foundations of Management and Governance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS171 Foundations of Economics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external, SUM-internal
ROCKINGHAM: S1-internal

BUS170 Foundations of Accounting - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BBS200 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

BSL201 Finance Law - 3 points
Not available this year

BUS286 Corporate Finance - 3 points
Not available this year

BUS288 Treasury Management - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BBS300 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

BUS307 Commercial Banking - 3 points
Not available this year

BUS390 International Financial Markets and Institutions - 3 points

Not available this year

BUS308 Credit and Lending Decisions - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

BANKING (BCOM)

School of Management and Governance

Bachelor of Commerce (BCom) in Banking

Course Codes: B1003 B1003A

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Business in Banking instead)
- Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Business in Banking instead)
- SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)

Traditionally banks have recruited new staff directly from schools. Today they are recruiting more graduates from tertiary institutions. In banking units the student is exposed to the issue of information asymmetry that exists between the borrower and the lender and the need to design contracts that reveal and monitor the quality of the borrower. The units also consider the nature and legal implications of the banker-customer relationship. The high debt that financial institutions have in their capital structure, the interest sensitivity of their assets and the liquidity that depositors demand result in unique interest, credit and liquidity risk management issues. These issues are further complicated by government regulation and directives. A fourth year of study is available in the form of an honours year.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Completion of the banking major will open up employment opportunities for students in all types of financial institutions.

Professional Recognition:

Graduates are potentially eligible for associate membership of the Financial Services Institute of Australasia (FINSIA). For advice on specific requirements students should contact FINSIA directly.

Recommended Double Majors:

Finance

Course Structure - 72 credit points

Part I - 24 credit points

Foundation Unit - 3 credit points

From 2014, Foundation units will no longer be offered. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 15 credit points

BSL165 Foundations of Business Law - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

OR

BUS165 Principles of Commercial Law - 3 points
DUBAI-ISC: TMD-internal

BUS170 Foundations of Accounting - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

OR

BUS160 Introduction to Accounting - 3 points
DUBAI-ISC: TMD-internal

BUS171 Foundations of Economics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external, SUM-internal
ROCKINGHAM: S1-internal

OR

BUS161 Introduction to Economics - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

MAS180 Introduction to Statistics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KDUPJ: S1U-internal

BUS140 Principles of Finance and Banking - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

OR

BUS130 Foundational Mathematics for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 48 credit points

Core Units - 24 credit points

BSL206 Finance Law - 4 points
MURDOCH: S1-internal, S1-external

OR

BUS206 Finance Law - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

BUS224 Corporate Finance - 4 points
MURDOCH: S1-internal, S1-external, S2-internal
ROCKINGHAM: S1-internal
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

BUS244 Treasury Management - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

BUS290 International Financial Markets and Institutions - 4 points
 MURDOCH: S1-internal, S1-external
 KAPLAN-SGP: TMA-internal
 SGP1: TMB-internal

BUS326 Commercial Banking - 4 points
 MURDOCH: S2-internal, S2-external
 KAPLAN-SGP: TJA-internal, TSA-internal
 SGP1: TJB-internal, TSB-internal

BUS337 Credit and Lending Decisions - 4 points
 MURDOCH: S1-internal, S1-external
 KAPLAN-SGP: TMA-internal, TSA-internal
 SGP1: TMB-internal, TSB-internal

General Electives - 24 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Recommended for general elective points only:

BUS267 Work-Based Learning - 4 points
 MURDOCH: S1-internal (quota of 50 places)
 This unit is recommended for final-year students.

BUS352 International Study Tour - 4 points
 MURDOCH: W-internal (quota of 15 places)
 Students must have completed their Part I units.

HONOURS IN BANKING (BCOM(HONS))

School of Management and Governance

Bachelor of Commerce with Honours (BCom(Hons)) in Banking

Course Codes: H1198

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop the ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average in units relating to the planned Honours study and a Distinction average overall. Subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 12 credit points

BUS4011 Advanced Honours Topic in Commerce - 4 points
 MURDOCH: S1-internal, S2-internal, Y-internal

BUS4012 Advanced Honours Topic in Commerce - 4 points
 MURDOCH: S1-internal, S2-internal, Y-internal

BUS4013 Advanced Honours Research Preparation - 4 points
 MURDOCH: S1-internal, S2-internal

Thesis - 12 credit points

BUS4019 Honours Thesis in Commerce - 12 points
 MURDOCH: S1-internal, S2-internal, Y-internal

BIOLOGICAL SCIENCES

BIOLOGICAL SCIENCES (BSC)

School of Veterinary and Life Sciences

Bachelor of Science (BSc) in Biological Sciences

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

The Biological Sciences major aims to produce biologists with wide-ranging training and experience in a broad area of biology. It adopts an integrated approach to the major themes of biology, from the molecular and cellular levels to the whole organism and community levels. This is achieved by examining the common features and differences in the biochemistry, genetics, ecology and behaviour of micro-organisms, plants and animals.

In addition, students may select electives to place emphasis on animal biology, biochemistry, conservation biology, ecology, fisheries science, microbiology and molecular biology.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements. There are no prerequisites for admission but it is highly desirable for students to have undertaken TEE Chemistry or Chemistry 3A/3B and at least TEE Discrete Mathematics or Mathematics 2C/2D.

English Competence:

English competence.

Special Requirements:

Students will not be required to kill any vertebrate animal, although they may be required to work with vertebrate tissues or products. Some collection of invertebrate specimens is required.

Employment Prospects:

Graduates find employment with government departments such as DEC and the Department of Agriculture and Food, hospitals and medical laboratories, in teaching and in the private sector. Employment prospects are broadened by taking a double major, or a major and one or more minors.

Professional Recognition:

Graduates are eligible for admission to a wide range of professional societies.

Recommended Double Majors:

Animal Health; Conservation and Wildlife Biology; Environmental Science; Marine Science; Molecular Biology

Recommended Minors:

Animal Biology; Applied Statistics; Conservation Biology; Fisheries Science; Marine Biology; Mathematical Modelling; Molecular Biology

Main Research Areas:

Animal and plant biology and conservation, molecular biology, plant pathology, microbiology, fisheries biology, plant/fungal interactions, plant tissue culture, behavioural ecology.

Major Prerequisites**Chemistry Background**

Students who achieved a final scaled score of 50 percent or more in Chemistry 3A/3B within the past three years should seek an exemption from their Academic Chair for CHE140 Fundamentals of Chemistry. Students who have completed previous chemistry not stated above should also consult their Academic Chair for clarification of their enrolment requirements.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

BIO103 Introduction to Environmental Biology - 3 points
MURDOCH: S1-internal, S1-external

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

BIO152 Foundations of Cell and Molecular Biology - 3 points
MURDOCH: S2-internal

CHE144 Foundations of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS183 Statistical Data Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 12 credit points

BIO245 Plant Diversity - 3 points
Not available this year

BIO244 Animal Diversity - 3 points
Not available this year

Plus two of the following three units:

BIO246 Microbiology I - 3 points
Not available this year

BIO247 Biochemistry I - 3 points

Not available this year

ENV241 Ecology - 3 points

Not available this year

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 6 credit points

BIO356 Genetics and Evolution - 3 points
Not available this year

BIO379 Evolutionary Biology - 3 points
Not available this year

General Electives - 12 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN BIOLOGICAL SCIENCES (BSC(HONS))

School of Veterinary and Life Sciences

Bachelor of Science with Honours (BSc(Hons)) in Biological Sciences

Course Codes: H1029

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The aim of Honours is to extend the student's grasp of the principles and practice of the subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Dean of School. Students interested in enrolling in Honours are advised to contact the Academic Chair before application to discuss supervision of their potential research project.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Thesis - 24 credit points

Full-time students will be enrolled in:

BIO4009-12 Honours Thesis in Biological Sciences - 12 points
MURDOCH: S1-internal, S2-internal

Plus a further enrolment in:

BIO4009-12 Honours Thesis in Biological Sciences - 12 points
MURDOCH: S1-internal, S2-internal

BIOMEDICAL SCIENCE**BIOMEDICAL SCIENCE (BSC)**

School of Veterinary and Life Sciences

Bachelor of Science (BSc) in Biomedical Science

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Biomedical Science applies the principles of cellular and molecular biology to the understanding of normal function and disease in humans and other animals.

The Biomedical Science major provides students with an opportunity to focus their training and experience in medical and mammalian biology. The course integrates the major themes of biomedical sciences at the molecular, cellular and whole-body level and addresses the remarkable advances being made by biomedical research. Knowledge from the fundamental disciplines of anatomy, physiology, biochemistry, histology and cell biology is integrated with, and applied to, knowledge in the paraclinical disciplines of pathology, microbiology, parasitology, immunology, molecular genetics, and pharmacology. Teaching of these fundamental subjects is carried out on a problem-solving basis dealing with body systems and diseases within each discipline.

The major also prepares students for dealing with the impact and ethics of the scientific approach used in biomedical sciences. The material within this major provides pre- and paraclinical training and is excellent preparation for a career in medical research or entry to a postgraduate medical degree.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

Students are required to participate in practical work involving animals and/or fresh tissues from dead animals throughout the major.

Employment Prospects:

Biomedical scientists find employment in hospitals, medical research institutes, universities, government agencies and the private sector where they are in demand as Medical Researchers, Medical Technologists, Biopharmaceutical Scientists, Health Department Administrators, Patent Attorneys, Medical Sales and

Marketing Professionals, Biostatisticians and Teachers/Academics.

Recommended Double Majors:

Forensic Biology and Toxicology; Mathematics and Statistics; Molecular Biology

Recommended Minors:

Applied Statistics; Forensic Biology; Molecular Biology

Excluded Minors:

Biomedical Science; Infection and Immunity

Main Research Areas:

Improvement of the understanding, treatment, prevention and diagnosis of human diseases including infectious diseases, cancer, genetic disease and complex diseases such as Alzheimer's, asthma and diabetes.

Chemistry Background:

Students may need to complete one prerequisite depending on their background in chemistry and their final scaled score in TEE Chemistry within the past three years.

TEE Chemistry with a final scaled score of 60 percent or more

OR

PEC140 Introduction to Chemistry --3pts
Murdoch : S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous chemistry not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Major Prerequisites**Chemistry Background**

Students who achieved a final scaled score of 50 percent or more in Chemistry 3A/3B within the past three years should seek an exemption from their Academic Chair for CHE140 Fundamentals of Chemistry. Students who have completed previous chemistry not stated above should also consult their Academic Chair for clarification of their enrolment requirements.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

BMS101 Introduction to the Human Body - 3 points
MURDOCH: S1-internal

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS183 Statistical Data Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

BMS107 Foundations of Vertebrate Form and Function - 3 points
MURDOCH: S2-internal

BIO152 Foundations of Cell and Molecular Biology - 3 points
MURDOCH: S2-internal

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject

to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 12 credit points

BMS206 Biomedical Physiology - 3 points
Not available this year

BMS209 Human and Comparative Biochemistry - 3 points
Not available this year

OR

BIO247 Biochemistry 1 - 3 points
Not available this year

BMS211 Medical Immunology and Molecular Genetics - 3 points
Not available this year

OR

BIO243 Immunology, Vaccines and Cell Culture - 3 points
Not available this year

BMS212 Comparative and Human Microbiology - 3 points
Not available this year

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 6 credit points

BMS314 Mechanisms of Disease - 3 points
Not available this year

BMS315 Advances in Medical Science - 3 points
Not available this year

General Electives - 12 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN BIOMEDICAL SCIENCE (BSC(HONS))

School of Veterinary and Life Sciences

Bachelor of Science with Honours (BSc(Hons)) in Biomedical Science

Course Codes: H1055

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, to develop ability for independent research, and to facilitate their entry into industry employment.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Thesis - 24 credit points

Full-time students will be enrolled in:

BMS4709-12 Honours Thesis in Biomedical Science - 12 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Plus a further enrolment in:

BMS4709-12 Honours Thesis in Biomedical Science - 12 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

BIOTECHNOLOGY

BIOTECHNOLOGY (BSC)

School of Veterinary and Life Sciences

Bachelor of Science (BSc) in Biotechnology

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

Biotechnology is concerned with the commercial applications of biological techniques or biological agents such as bacteria or isolated enzymes in medicine, agriculture or industry. Examples include fermentation processes such as wine, beer, bread and cheese making; enzyme engineering for the manufacture of vitamins, antibiotics and biochemicals; genetic engineering of plants and animals for agricultural and medical purposes; and environmental engineering to allow for the efficient treatment of wastes and the rehabilitation of polluted sites.

The major provides broad training as well as in-depth study in selected areas so as to generate graduates capable of operating in an interdisciplinary environment. Consequently, the major provides the opportunity to gain experience in the biological, chemical and commercial aspects of biotechnology with an emphasis on the development of the skills and knowledge applicable to a wide range of biotechnological processes. Areas studied include genetic engineering, immunology and vaccine production, fermentation technology and cell culture. Specialisations may be incorporated into the degree through the appropriate choice of double majors and minors (see Recommended Double Majors and Minors in this section). All students in the Biotechnology major are encouraged to obtain on-the-job training in industry, which may be achieved via an Industry Practicum or through a Professional Placement.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements. There are no prerequisites for admission but it is highly desirable for students entering this major to have completed TEE Chemistry or Chemistry 3A/3B and at least TEE Discrete Mathematics or Mathematics 2C/2D.

English Competence:

English competence.

Special Requirements:

Students undertaking units in Biotechnology will not be required to kill any vertebrate animal but they will be required to work with fresh tissue from dead animals in certain units.

Employment Prospects:

Biotechnologists gain employment in pharmaceutical companies, in the food industry, in research and diagnostic teams in hospitals, in biotechnology companies, in agriculture departments, in university research centres and in the CSIRO. Some graduates have found employment in the legal field as patent attorneys while others have become sales managers in scientific equipment and pharmaceutical companies.

Professional Recognition:

Students who complete the three-year double major in Biotechnology and Chemistry are eligible for membership of the Royal Australian Chemical Institute (RACI).

Recommended Double Majors:

Animal Health; Biomedical Science; Chemistry; Molecular Biology

Recommended Minors:

Animal Biology; Applied Statistics; Biomedical Science; Forensic Biology; Management; Marketing; Molecular Biology

Major Prerequisites

Chemistry Background

Students who achieved a final scaled score of 50 percent or more in Chemistry 3A/3B within the past three years should seek an exemption from their Academic Chair for CHE140 Fundamentals of Chemistry. Students who have completed previous chemistry not stated above should also consult their Academic Chair for clarification of their enrolment requirements.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

BMS101 Introduction to the Human Body - 3 points
MURDOCH: S1-internal

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

BIO152 Foundations of Cell and Molecular Biology - 3 points
MURDOCH: S2-internal

MAS183 Statistical Data Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

CHE144 Foundations of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 12 credit points

BIO246 Microbiology I - 3 points
Not available this year

BIO248 Genetic Engineering - 3 points
Not available this year

BIO247 Biochemistry I - 3 points
Not available this year

BIO243 Immunology, Vaccines and Cell Culture - 3 points
Not available this year

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 6 credit points

BIO355 Plant Biotechnology and Proteomics - 3 points

Not available this year

BIO358 Industrial Bioprocessing and Bioremediation - 3 points
Not available this year

General Electives - 12 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN BIOTECHNOLOGY (BSC(HONS))

School of Veterinary and Life Sciences

Bachelor of Science with Honours (BSc(Hons)) in Biotechnology

Course Codes: H1031

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Dean of School. Students interested in enrolling in Honours are advised to contact the Academic Chair before application to discuss supervision of their potential research project.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Thesis - 24 credit points

Full-time students will be enrolled in:

BIO4039-12 Honours Thesis in Biotechnology - 12 points
MURDOCH: S1-internal, S2-internal

Plus a further enrolment in:

BIO4039-12 Honours Thesis in Biotechnology - 12 points
MURDOCH: S1-internal, S2-internal

BUSINESS INFORMATION SYSTEMS

BUSINESS INFORMATION SYSTEMS (BSC)

School of Engineering and Information Technology

Bachelor of Science (BSc) in Business Information Systems

Course Codes: B1205 B1205A

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students)
- Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students)
- SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
- Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)

Information Systems is the study of information generation, communication, storage, and application in the context of organised human activity. The increasing penetration of information technology into everyday organisational activity means that professionals in many areas, from management to engineering, increasingly need an understanding of information systems. The contribution of information systems to the functioning of organisations, the design and management of such systems and the development of systems to assist in other professional roles is emphasised in the Business Information Systems degree.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode. Individual units may require access to specific nominated software.

Employment Prospects:

Graduates typically find employment as business analysts. Graduates combining Business Information Systems with another major will experience enhanced employment prospects in that area.

Professional Recognition:

Eligible for membership of the Australian Computer Society at the Professional Level.

Recommended Double Majors:

Computer Science; Cyber Forensics, Information Security and Management; Internetworking and Security

Recommended Minors:

Asian Languages; Management; Marketing

Course Structure - 72 credit points

Part I - 24 credit points

Foundation Unit - 3 credit points

From 2014, Foundation units will no longer be offered at the Murdoch Campus. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students enrolled at the Dubai campus will enrol in:

FDN107 Next Life - 3 points
DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal
KAPLAN-SGP: TMA-internal, TSA-internal

Core Units - 12 credit points

ICT102 Introduction to Computer Science - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

ICT103 Introduction to Data Communications - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

ICT107 Principles of Information Systems - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

ICT108 Introduction to Internet and Mobile Technologies - 3 points
DUBAI-ISC: TMD-internal

Specified Electives - 3 credit points

Select from the following:

MAS180 Introduction to Statistics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KDUPJ: S1U-internal

MAS183 Statistical Data Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS167 Computational Mathematics - 3 points
DUBAI-ISC: TMD-internal

OR

MAS162 Foundations of Discrete Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

BUS145 Principles of Management - 3 points
MURDOCH: SUM-internal
DUBAI-ISC: TMD-internal

BUS170 Foundations of Accounting - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

OR

BUS160 Introduction to Accounting - 3 points
DUBAI-ISC: TMD-internal

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 48 credit points

Core Units - 24 credit points

ICT231 Systems Analysis and Design - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

ICT353 Advanced Business Analysis and Design - 4 points
MURDOCH: S2-internal, S2-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TJA-internal, TMA-internal
SGP1: TMB-internal, TSB-internal

ICT218 Databases - 4 points
MURDOCH: S2-internal, S2-external
DUBAI-ISC: TMD-internal, TSD-internal
KAPLAN-SGP: TMA-internal, TSA-internal
SGP1: TSB-internal

ICT333 Information Technology Project - 4 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
SGP1: TJB-internal, TMB-internal, TSB-internal

ICT208 Business Intelligence Tools and Techniques - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
SGP1: TMB-internal, TSB-internal

ICT256 Knowledge Management Techniques - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TJA-internal
SGP1: TJB-internal

General Electives - 24 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Recommended:

ICT325 Human-Computer Interaction - 4 points
MURDOCH: S1-internal, S1-external

BUSINESS INFORMATION SYSTEMS (BSC)

School of Engineering and Information Technology

Bachelor of Science (BSc) in Business Information Systems

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Information Systems is the study of information generation, communication, storage, and application in the context of organised human activity. The increasing penetration of information technology into everyday organisational activity means that professionals in many areas, from management to engineering, increasingly need an understanding of information systems. The contribution of information systems to the functioning of organisations, the design and management of such systems and the development of systems to assist in other professional roles is emphasised in the Business Information Systems degree.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode. Individual units may require access to specific nominated software.

Employment Prospects:

Graduates typically find employment as business analysts. Graduates combining Business Information Systems with another major will experience enhanced employment prospects in that area.

Professional Recognition:

Eligible for membership of the Australian Computer Society at the Professional Level.

Recommended Double Majors:

Computer Science; Cyber Forensics and Information Security; Internetworking

Recommended Minors:

Asian Languages; Management; Marketing

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

ICT158 Introduction to Information Systems - 3 points
MURDOCH: S2-internal, S2-external

MAS162 Foundations of Discrete Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ICT159 Foundations of Programming - 3 points
MURDOCH: S1-internal, S1-external

ICT169 Foundations of Data Communications - 3 points
MURDOCH: S2-internal, S2-external

ICT170 Foundations of Computer Systems - 3 points
MURDOCH: S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

ICT284 Systems Analysis and Design - 3 points
Not available this year

ICT285 Databases - 3 points
Not available this year

ICT292 Information Systems Management - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

ICT393 Advanced Business Analysis and Design - 3 points
Not available this year

ICT301 Enterprise Architectures - 3 points
Not available this year

ICT394 Business Intelligence Application Development - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN BUSINESS INFORMATION SYSTEMS (BSC(HONS))

School of Engineering and Information Technology

Bachelor of Science with Honours (BSc(Hons)) in Business Information Systems

Course Codes: H1207

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Students interested in Honours enrolment are advised to contact the Academic Chair before applying to discuss supervision of their potential research.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 12 credit points****Core Units - 4 credit points**

ICT477 Information Technology Research Methodologies - 4 points
MURDOCH: S1-internal

Elective Units - 8 credit points

Select from the following:

ICT4051 Advanced Honours Topic in Information Systems - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

ICT4052 Advanced Honours Topic in Information Systems - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500/600-level) - 4 points

Students may also be able to take ICT4021 Advanced Honours Topic in Computer Science - 4 points or ICT4022 Advanced Honours Topic in Computer Science - 4 points with the approval of the Honours Subcommittee Chair.

Thesis - 12 credit points

ICT4059 Honours Thesis in Information Systems - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

BUSINESS LAW**BUSINESS LAW (BBUS)**

School of Law

Bachelor of Business (BBus) in Business Law

Course Codes: B1318

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

The Business Law major complements majors in accounting, finance, management and other business disciplines. The major also supplements legal studies that are not business oriented. Whether students are interested in government or private enterprise work, completion of the major will allow for an appreciation of relevant legal principles applicable to many areas of business. Increasing regulation of business activity means professionals need legal knowledge that equips them to make informed decisions and to recognise the need for further specific legal services. The major includes the study of contemporary business law for this use. The legal environment of business is exposed with a focus on skill development in legal problem solving.

A fourth year of study is available in the form of an honours year.

A Bachelor of Business provides a broad understanding of individual, organisational and societal issues. You will have the practical skills to identify business opportunities, analyse problems and implement solutions and you will be able to demonstrate a knowledge of business principles across key functional areas. You will have depth of knowledge in one or more business disciplines: accounting, banking, business law, economics, finance, hospitality and tourism management, human resources management, international business, management, marketing.

Admission Requirements (Onshore):

As per normal undergraduate admission.

English Competence:

English competence.

Employment Prospects:

Prospective employers would include government agencies and medium to large corporations.

Recommended Double Majors:

Accounting; Finance; Human Resources Management; Management; Marketing

Excluded Majors:

Law + Business [Combined]

Excluded Minors:

Business Law

Main Research Areas:

Business law; Business regulation.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Breadth Unit for Degree - 3 credit points

BBS150 Transforming Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 12 credit points

BUS130 Foundational Mathematics for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS176 Foundations of Management and Governance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS170 Foundations of Accounting - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

BSL165 Foundations of Business Law - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BBS200 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

BSL201 Finance Law - 3 points
Not available this year

BSL202 Workplace Law - 3 points
Not available this year

BSL203 Marketing and Advertising Law - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BBS300 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

BSL305 Company Law - 3 points
Not available this year

BUS303 Taxation - 3 points
Not available this year

LEG391 Dispute Resolution - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN BUSINESS LAW (BCOM(HONS))

School of Law

Bachelor of Commerce with Honours (BCom(Hons)) in Business Law

Course Codes: H1199

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop the ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average in units relating to the planned Honours study and a Distinction average overall. Subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 12 credit points

BUS4011 Advanced Honours Topic in Commerce - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

BUS4012 Advanced Honours Topic in Commerce - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

BUS4013 Advanced Honours Research Preparation - 4 points
MURDOCH: S1-internal, S2-internal

Thesis - 12 credit points

BUS4019 Honours Thesis in Commerce - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

CHEMISTRY

CHEMISTRY (BSC)

School of Veterinary and Life Sciences

Bachelor of Science (BSc) in Chemistry

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Chemistry is important as a science in its own right, and is widely applicable to many industries. Chemists play leading roles in the fight against disease, criminal investigations, the discovery and utilisation of natural resources, the development of sustainable industrial processes, and new materials for applications in nanotechnology.

The Chemistry major has been designed to provide students with a thorough understanding of chemistry whilst retaining the flexibility to study complementary areas of interest.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

It is recommended that students entering this major have completed WACE Chemistry 3A/3B, Physics 3A/3B and Mathematics: Specialist 3C/3D.

Applicants with other backgrounds will be considered for admission, but may need make-up units in first year.

English Competence:

English competence.

Special Requirements:

Students enrolling in units that have a practical component must make allowance for on-campus attendance to complete the practical work. The on-campus sessions for external students are generally held in a one-week block for each unit; the dates are published in each unit guide.

Employment Prospects:

The employment situation for graduates with a Chemistry degree is bright, especially for those who combine chemistry with other disciplines. Opportunities for chemists are not limited to Australia, and the skills and knowledge acquired in a chemistry degree are valued around the world. The skills learned whilst studying chemistry can take graduates on to a satisfying career in numerous fields both in and out of the lab anywhere in the world. Chemists are found in roles within law and accounting firms, NGOs, government policy positions at the local and international level, and the art world. Creativity, passion, logical thinking, problem solving, and the ability to analyse complex situations are all skills at the top of any employer's list of desirable attributes. Chemists have these abilities in abundance. That's why chemists can be found at the forefront of research, teaching, the arts, and business.

Professional Accreditation:

Accredited by the Royal Australian Chemical Institute (RACI).

Professional Recognition:

With an appropriate choice of units, graduates are eligible for membership of the professional organisation for chemists, the Royal Australian Chemical Institute (RACI).

Recommended Double Majors:

Biotechnology; Environmental Science; Forensic Biology and Toxicology; Mathematics and Statistics; Mineral Science; Molecular Biology; Physics and Nanotechnology

Recommended Minors:

Applied Statistics; Mathematical Modelling

Excluded Minors:

Organic Chemistry

Main Research Areas:

Solution chemistry, energy storage, bio-inorganic chemistry, hydrometallurgical chemistry, chemical analysis, synthetic-organic chemistry, natural products chemistry, bioprocessing and materials.

Major Prerequisites**Chemistry Background**

Students may need to complete prerequisite units depending upon their background in chemistry and their final scaled score in Chemistry 3A/3B within the past three years.

Chemistry 3A/3B with a final scaled score of 50 percent or more

OR

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous chemistry not stated above should consult their Academic Chair for clarification of their enrolment requirements.

Mathematics Background

Students may need to complete prerequisite units depending on their background in mathematics and their final scaled score in Mathematics 3C/3D or Mathematics: Specialist 3C/3D within the past three years.

Students who have not achieved a final scaled score of 55 percent or higher in WACE Mathematics (3C/3D) need to complete as a bridging unit

MAS164 Fundamentals of Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous mathematics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Physics Background

Students may need to complete prerequisite units depending on their background in physics and their final scaled score in Physics 3A/3B within the past three years.

Physics 3A/3B with a final scaled score of 60 percent or more

OR

PEN120 General Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous physics studies not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

CHE145 Introduction to Chemical Concepts - 3 points
MURDOCH: S2-internal, S2-external

MAS182 Applied Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

PEN152 Principles of Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

CHE144 Foundations of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS161 Calculus and Matrix Algebra - 3 points
MURDOCH: S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

CHE205 Organic and Biological Chemistry I - 3 points
Not available this year

CHE207 Chemical Analysis - 3 points
Not available this year

CHE202 Physical Chemistry I - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

CHE347 Physical Chemistry II - 3 points

Not available this year

CHE308 Organic and Biological Chemistry II - 3 points

Not available this year

CHE304 Materials Chemistry - 3 points

Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Additional Professional Accreditation Requirements

Students seeking RACI accreditation must complete at least two Part I subjects in Physics or Mathematics, or a combination of the two at an appropriate level. For example, successful completion of:

PEN152 Principles of Physics - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS182 Applied Mathematics - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

HONOURS IN CHEMISTRY (BSC(HONS))

School of Veterinary and Life Sciences

Bachelor of Science with Honours (BSc(Hons)) in Chemistry

Course Codes: H1033

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The Honours year is used to extend a student's grasp of the principles and practice of chemistry by undertaking a rigorous, research-based project. Mentoring by a member of staff enables Honours students to develop the ability for creative, independent research. Students are expected to be involved in the entire research process from concept through to writing and presenting the data obtained, along the way developing skills in advanced chemical technique, project management, high-level problem solving, and communication of research findings to peers.

Successful completion of the Honours course is required for admission to research degrees (i.e. Masters or PhD degrees).

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with an overall Credit average; students would be expected to have a Distinction average in relevant 3rd year units/subjects but can apply for admission with support from suitable academic referees if this is not the case; subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at <http://goto.murdoch.edu.au/OnlineApplications>

Employment Prospects:

Graduates can expect to find employment in a range of disciplines where research and problem solving skills are in demand. Honours graduates are favourably looked upon by employers as successful completion of a year long project provides concrete evidence of chemical, project management, problem solving, and communication skills.

Professional Recognition:

Graduates may be eligible for full membership of the Royal Australian Chemical Institute.

Course Structure - 24 credit points

Coursework - 8 credit points

CHE476 Literature Review - 4 points

MURDOCH: S1-internal, S2-internal

One unit at 200/300-level, selected in consultation with student's supervisor and subject to the approval of the Honours Subcommittee - 4 points

Thesis - 16 credit points

CHE4009 Honours Thesis in Chemistry - 16 points

MURDOCH: H-internal, Y-internal

CHIROPRACTIC

CHIROPRACTIC (BSC+BCHIRO)

School of Health Professions

Bachelor of Science (BSc) in Chiropractic + Bachelor of Chiropractic (BChiro)

Course Codes: B1274

Duration: 5 years full-time

Availability:

- Murdoch campus (internal)

Restriction: Enrolment in this course is subject to restriction.

The Chiropractic major aims to produce graduates who will practise as health care professionals with the skills to diagnose, treat and prevent dysfunction of the spine and musculoskeletal system, as well as the effects of this dysfunction on the nervous system and general health. The objectives of the major encompass abilities to recognise signs and symptoms of a wide variety of diseases with their presenting pathology, including biomechanical abnormalities and related pain syndromes; differentially diagnose the problem and select appropriate therapeutic regimes or refer patients to other health professionals. The chiropractic graduate must possess a comprehensive understanding and command of the skills and knowledge that constitute the basis of the chiropractic profession, and be able to perform at the clinical level expected of a primary contact health care practitioner specialising in mechanical dysfunctional states of the nervous and musculoskeletal systems.

The Bachelor of Science (Chiropractic) degree is conferred following successful completion of the first three years of study. The Bachelor of Chiropractic degree is awarded following the successful completion of the final two years of study. Both degrees are essential for registration and clinical practice.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements with Physics 3A/3B, Chemistry 3A/3B, Mathematics and Human Biological Science 3A/3B as highly recommended subjects.

English competence.

Special Requirements:

Students undertaking this course will be subject to additional academic progress rules.

Professional Accreditation:

This course is accredited by the Council on Chiropractic Education Australasia (CCEA). Graduates are eligible for registration with the Chiropractors Registration Board of Western Australia and are also eligible for registration in all other states and territories of Australia

as well as New Zealand. Graduates from CCE (Council on Chiropractic Education) accredited educational institutions are eligible to sit registration examinations in the United States, the United Kingdom, Europe and other parts of the world in accordance with the laws of each individual country.

Excluded Minors:

Human Anatomy

Additional Academic Progress Requirements:

* Students are required to complete Chiropractic studies on a full-time basis, unless prevented by academic progress restrictions;
* Students who fail more than two core units per level (100, 200, 300, 400, 500), as well as students who fail a core unit a second time, will be excluded from the course for a period of no less than one teaching period following the teaching period in which the unit was failed, after a mandatory interview process with the Academic Chair. They may apply for readmission to the course after this time.

Award with Distinction:

Students who have completed the joint BSc/BChiro qualification at a high standard may be awarded their degree with Distinction or Higher Distinction, based on an individual student's performance. Contact the Academic Chair for further details.

Course Prerequisites

Chemistry Background

Students may need to complete one prerequisite unit depending on their background in chemistry and their final scaled score in TEE Chemistry within the past three years.

Chemistry 3A/3B with a final scaled score of 60 percent or more

OR

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous chemistry not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Course Structure - 126 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

From 2014, Foundation units will no longer be offered. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 18 credit points

BMS101 Introduction to the Human Body - 3 points
MURDOCH: S1-internal

BMS107 Foundations of Vertebrate Form and Function - 3 points
MURDOCH: S2-internal

BIO152 Foundations of Cell and Molecular Biology - 3 points
MURDOCH: S2-internal

CHI109 Chiropractic Skills and Principles I - 3 points
MURDOCH: S1-internal

CHI108 Introduction to Human Anatomy - 3 points
MURDOCH: S2-internal

EXS106 Introduction to Research Methodology and Evidence Based Practice - 3 points
MURDOCH: S2-internal

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Any Murdoch unit taken as a course prerequisite will be considered as a Part I General Elective.

Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 102 credit points

Year 2 - 26 credit points

Core Units - 26 credit points

CHI280 Human Anatomy I - 4 points
MURDOCH: S1-internal (quota of 90 places)

CHI281 Introduction to Biochemistry and Nutrition - 4 points
MURDOCH: S1-internal

BMS264 Biomedical Physiology - 4 points
MURDOCH: S1-internal

CHI282 Human Anatomy II - 4 points
MURDOCH: S2-internal (quota of 100 places)

CHI283 Physical Examination - 4 points
MURDOCH: S2-internal (quota of 90 places)

EXS209 Biomechanics I - 4 points
MURDOCH: S2-internal

CHI233 Applied Nutrition - 2 points
MURDOCH: S2-internal

Year 3 - 26 credit points

Core Units - 26 credit points

CHI302 Diagnosis and Chiropractic Skills - 4 points
MURDOCH: S1-internal

CHI301 Processes in Human Disease - 4 points
MURDOCH: S1-internal

CHI303 Primary Practice I: Clinical Science and Diagnosis - 4 points
MURDOCH: S1-internal

CHI304 Clinical Orthopaedics and Neurology - 4 points
MURDOCH: S2-internal

CHI305 Immunology, Genetics and Microbiology - 4 points
MURDOCH: S2-internal

CHI309 Chiropractic Skills and Principles II - 4 points
MURDOCH: S2-internal

CHI385 Evidence-based Practice - 2 points
MURDOCH: S2-internal

Year 4 - 28 credit points

Core Units - 28 credit points

International students enrolled in the Bachelor of Chiropractic prior to 2009 should enrol in CHI4841 Pre-clinical Practicum.

CHI484 Pre-clinical Practicum - 6 points
MURDOCH: Y1-internal

CHI421 Radiography: Principles and Positioning - 4 points
MURDOCH: T3-internal

CHI423 Physiological Therapeutics - 2 points
MURDOCH: T3-internal

CHI488 Mental Health Issues In Chiropractic Care - 2 points
MURDOCH: T3-internal

CHI442 Primary Practice II: Physical Rehabilitation I - 2 points
MURDOCH: T1-internal

CHI443 Primary Practice III: Differential Diagnosis I (Musculoskeletal) - 2 points
MURDOCH: T2-internal

CHI444 Primary Practice IV: Differential Diagnosis II - 2 points
MURDOCH: T1-internal (quota of 90 places)

CHI445 Primary Practice V: Physical Rehabilitation II - 2 points
MURDOCH: T2-internal

CHI446 Primary Practice VI: Pharmacology - 2 points
MURDOCH: T1-internal

CHI420 Clinical Radiology - 2 points
MURDOCH: T2-internal (quota of 90 places)

CHI409 Chiropractic Skills and Principles III - 2 points
MURDOCH: T1-internal

Year 5 - 22 credit points

Core Units - 22 credit points

CHI519 Professional Practice Management - 2 points
MURDOCH: T1-internal

CHI509 Public Health - 2 points
MURDOCH: T2-internal

CHI586 Decision Making in Clinical Imaging - 2 points
MURDOCH: T1-internal

CHI581 Ethics and Jurisprudence - 2 points
MURDOCH: T2-internal

CHI589 Special Topics Review - 2 points
MURDOCH: T3-internal

CHI584 Clinical Practicum - 12 points
MURDOCH: Y1-internal

Award with Distinction

Students who have completed the joint BSc/BChiro qualification at a high standard may be awarded their degree with Distinction or High Distinction, based on an individual student's performance. Contact the Academic Chair for further details.

HONOURS IN CHIROPRACTIC (BSC(HONS))

School of Health Professions

Bachelor of Science with Honours (BSc(Hons)) in Chiropractic

Course Codes: H1187

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Students will be able to take an intermitting year at any time after the third year of the major provided that undergraduate qualifications and performance are suitable.

The Honours course will comprise a research program carried out over one year with appropriate sessions, guided study and thesis in any area the student chooses relevant to the degree.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a credit average; subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at

<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Thesis - 24 credit points

Full-time students will be enrolled in:

CHI4509-12 Honours Thesis in Chiropractic - 12 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Plus a further enrolment in:

CHI4509-12 Honours Thesis in Chiropractic - 12 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

COMMUNICATION AND MEDIA STUDIES

COMMUNICATION AND MEDIA STUDIES (BA)

School of Arts

Bachelor of Arts (BA) in Communication and Media Studies

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external) (all but one unit)

This major provides students with skills and expertise for work in contemporary communication, media and cultural industries characterised by rapid change, digitalisation and technological innovation. Students are equipped with the knowledge base and skills for analysing and producing both traditional and new media texts, as well as understanding communication and cultural processes in the emerging creative industries. As the units in this major cover a wide range of critical communication issues, cultural theory and media concepts, students completing this course are well placed to embark on a research career in the industry or enrol for further studies at Honours and/or postgraduate level.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Graduates can expect to find employment in a wide range of fields, from the creative industries (new media, public relations, advertising, journalism, radio, television, music and print) to management, administration, government, public policy, media research, academia and teaching.

Recommended Double Majors:

Australian Indigenous Studies; English and Creative Writing; Journalism; Public Relations; Screen Production

Recommended Minors:

Journalism; Public Relations

Excluded Minors:

Mass Communication; Media Studies

Main Research Areas:

Communication Studies, Media Studies, Creative Industries, Communication Policy, Media Audiences, Global Media.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 9 credit points

CMS101 Introduction to Media Studies - 3 points
MURDOCH: S2-internal, S2-external

CMS100 Introduction to Communication - 3 points
MURDOCH: S1-internal, S1-external

CMS102 Contemporary Culture - 3 points
MURDOCH: S2-internal, S2-external

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

CMS201 Screen: Small, Medium and Large - 3 points
Not available this year

CMS202 Old Media, New Media - 3 points
Not available this year

CMS203 Audiences, Users and Participants - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

CMS304 Communicating Global Issues - 3 points
Not available this year

CMS305 Media Governance and the Public Sphere - 3 points
Not available this year

CMS306 Critical Topics in Communication and Media Studies - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

COMMUNICATION AND MEDIA STUDIES (BCOMMUN)

School of Arts

Bachelor of Communication (BCommun) in Communication and Media Studies

Course Codes: B1284 B1284A

Duration: 3 years full-time or part-time equivalent; SGP1: 4 trimesters full-time or part-time equivalent (Part II available only)

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students)
- SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English)
- KDU College (Petaling Jaya, Malaysia) ['KDUPJ'] (internal) (by formal agreement) (language of instruction: English) (no new admissions from 2014 at this location; this course is only available to students who are already enrolled)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
- Some units only: Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students)

This major provides students with skills and expertise for work in contemporary communication, media and cultural industries characterised by rapid change, digitalisation and technological innovation. Students are equipped with the knowledge base and skills for analysing and producing both traditional and new media texts, as well as understanding communication and cultural processes in the emerging creative industries. As the units in this major cover a wide range of critical communication issues, cultural theory and media concepts, students completing this course are well placed to embark on a research career in the industry or enrol for further studies at Honours and/or postgraduate level.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Graduates can expect to find employment in a wide range of fields, from the creative industries (new media, public relations, advertising, journalism, radio, television, music and print) to management, administration, government, public policy, media research, academia and teaching.

Recommended Double Majors:

Australian Indigenous Studies; English and Creative Writing;

Journalism; Public Relations; Screen Production

Recommended Minors:

Journalism; Public Relations

Excluded Minors:

Mass Communication; Media Studies

Main Research Areas:

Communication Studies, Media Studies, Creative Industries, Communication Policy, Media Audiences, Global Media.

Course Structure - 72 credit points

Part I - 24 credit points

Foundation Unit - 3 credit points

From 2014, Foundation units will no longer be offered. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Core Units - 6 credit points

MCC108 Introduction to Communication and Media - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

OR

CMS101 Introduction to Media Studies - 3 points
MURDOCH: S2-internal, S2-external

Plus 3 points from either the Media List or the Culture List:

Media List

SCR100 Introduction to the Screen - 3 points
MURDOCH: S2-internal, S2-external

Culture List

CMS102 Contemporary Culture - 3 points
MURDOCH: S2-internal, S2-external

General Electives - 15 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 48 credit points

Core Units - 24 credit points

MCC236 Media Audiences and the Public - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S1U-internal
SGP1: TMB-internal

MCC315 New Media Technologies - 4 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

MCC337 Cultural and Media Policy - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TMA-internal
KDUPJ: S1U-internal
SGP1: TMB-internal

MCC314 Media and Globalisation - 4 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

Plus 8 points from one of the following lists:

Communication and Media List

MCC248 Screen Texts - 4 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

OR

MCC2481 Screen Texts - 4 points
DUBAI-ISC: TJD-internal, TSD-internal

MCC333 Documentary - 4 points
MURDOCH: S1-internal
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

Culture List

MCC235 Television, Video and Popular Culture - 4 points
Not available this year

and

MCC386 People and Globalisation - 4 points
MURDOCH: S2-internal, S2-external

Students with a good academic record can apply to the Academic Chair to take MCC325 Professional Placement - 4 points [MURDOCH: S1-placement, S2-placement, SUM-placement, W-placement] in place of one of the above Core Units.

General Electives - 24 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Recommended:

MCC385 Public Relations in Society - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

MCC284 Food: Media Culture - 4 points
Not available this year

IND271 Media, Culture and Politics in Indonesia - 4 points
MURDOCH: S2-internal, S2-external

HONOURS IN COMMUNICATION AND MEDIA STUDIES (BCOMMUN(HONS))

School of Arts

Bachelor of Communication with Honours (BCommun(Hons)) in Communication and Media Studies

Course Codes: H1208

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at <http://goto.murdoch.edu.au/OnlineApplications>

Main Research Areas:

Communication Studies, Media Studies, Cultural Studies, Creative Industries, Communication Policy, Media Audiences, Global Media.

Course Structure - 24 credit points**Coursework - 12 credit points****Core Units - 12 credit points**

MCC444 Honours Seminar in Media Communication and Culture - 4 points
MURDOCH: S1-internal

MCC4201 Honours Topic in Media Communication and Culture - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

MCC4202 Honours Topic in Media Communication and Culture - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

Thesis - 12 credit points

MCC4209 Honours Thesis in Media Communication and Culture - 12 points
MURDOCH: S1-internal, S2-internal

COMMUNITY DEVELOPMENT**COMMUNITY DEVELOPMENT (BA)**

School of Arts

Bachelor of Arts (BA) in Community Development

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Increasingly non-government, organisations, universities, business and various government instrumentalities are signalling a keenness to see 'community' more involved in their work. As a consequence neighbourhood groups, activists, groups working in overseas settings, schools, local councils, ecologists, Indigenous groups, social services organisations, resource companies, artists, businesses and universities are all talking about community development as a new way of doing things. This major is designed to prepare students to work in various fields and industries where community development is being taken up. It provides students with the chance to combine the study 'real' and working examples of practice, the social and policy context confronting contemporary communities, intellectual traditions used to understand community work and some of the skills that are important in everyday community-based settings.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the

perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

Required short work placement or practice project component.

Employment Prospects:

Careers in local government, community services, remote area education, indigenous communities, community arts and cultural development, overseas aid work, sustainable development, social work-related areas, economic, social and urban planning.

Recommended Double Majors:

Australian Indigenous Studies; Sociology; Sustainable Development

Recommended Minors:

Asian Studies; Sociology

Excluded Minors:

Community Development

Main Research Areas:

Social change and social equity.

Credits and Exemptions:

Students from the TAFE Community Work diploma and from other relevant diplomas may receive credits and exemptions.

Languages and Writing Skills:

Community Development students are strongly encouraged to include a writing unit in their selection of a general elective at either Part I or Part II. It is also recommended that students consider studying a language other than English, with Indonesian, Japanese, Biblical Hebrew and New Testament Greek, all available at Murdoch through the Asian Studies or Theology courses.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 9 credit points

COD125 Introduction to Community Development - 3 points
MURDOCH: S1-internal, S1-external

SOC134 Introduction to Sociology - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S2-internal

SUS100 Introduction to Sustainable Development - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject

to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

COD201 Community Work across Sites, Settings and Peoples - 3 points
Not available this year

SUS208 Cities and Innovation - 3 points
Not available this year

SUS207 Overseas Aid and International Development - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

COD302 Creative Ways to Work with Community - 3 points
Not available this year

COD303 Preparing for Professional Community Practice - 3 points
Not available this year

COD304 Community and Social Policy - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN COMMUNITY DEVELOPMENT (BA(HONS))

School of Arts

Bachelor of Arts with Honours (BA(Hons)) in Community Development

Course Codes: H1182

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the

principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at <http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Unit - 4 credit points

ART404 Research Methods in Social Sciences and Humanities - 4 points
MURDOCH: S1-internal, S1-external

Elective Units - 8 credit points

Select from the following:

COD4061 Honours Topic in Community Development - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

COD4062 Honours Topic in Community Development - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500-level) - 4 points

Thesis - 12 credit points

COD4069 Honours Thesis in Community Development - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

COMPUTER SCIENCE

COMPUTER SCIENCE (BSC)

School of Engineering and Information Technology

Bachelor of Science (BSc) in Computer Science

Course Codes: B1205 B1205A

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students)
- Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students)
- SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
- Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)

The Computer Science major is designed to provide students with a thorough understanding of the theory, methods and systems used by the computing industry. Required units cover the major areas of software development, computer technology, systems applications and software engineering.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode. Individual units may require access to specific nominated software.

Employment Prospects:

Excellent opportunities in business, industry and government as programmers, systems analysts, database administrators, computer systems and network managers, user support officers and software engineers.

Professional Recognition:

Eligible for membership of the Australian Computer Society at the Professional Level.

Recommended Double Majors:

Games Technology; Internet Software Development; Internetworking and Security

Recommended Minors:

Software Development

Course Structure - 72 credit points**Part I - 24 credit points****Foundation Unit - 3 credit points**

From 2014, Foundation units will no longer be offered at the Murdoch Campus. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students enrolled at the Dubai campus will enrol in:

FDN107 Next Life - 3 points
DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal
KAPLAN-SGP: TMA-internal, TSA-internal

Core Units - 15 credit points

ICT102 Introduction to Computer Science - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

ICT103 Introduction to Data Communications - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

ICT104 Principles of Computer Science - 3 points
DUBAI-ISC: TJD-internal, TMD-internal

ICT106 Fundamentals of Computer Systems - 3 points
DUBAI-ISC: TJD-internal, TMD-internal

MAS167 Computational Mathematics - 3 points
DUBAI-ISC: TMD-internal

OR

MAS162 Foundations of Discrete Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 48 credit points**Core Units - 24 credit points**

ICT209 Data Structures and Abstractions - 4 points

MURDOCH: S1-internal, S1-external
DUBAI-ISC: TJD-internal, TMD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

ICT218 Databases - 4 points
MURDOCH: S2-internal, S2-external
DUBAI-ISC: TMD-internal, TSD-internal
KAPLAN-SGP: TMA-internal, TSA-internal
SGP1: TSB-internal

ICT231 Systems Analysis and Design - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

ICT306 Software Architectures - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TJD-internal, TMD-internal
KAPLAN-SGP: TMA-internal

ICT310 Operating Systems and Systems Programming - 4 points
MURDOCH: S2-internal, S2-external
DUBAI-ISC: TSD-internal
KAPLAN-SGP: TSA-internal

ICT333 Information Technology Project - 4 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
SGP1: TJB-internal, TMB-internal, TSB-internal

General Electives - 24 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

COMPUTER SCIENCE (BSC)

School of Engineering and Information Technology

Bachelor of Science (BSc) in Computer Science

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The Computer Science major is designed to provide students with a thorough understanding of the theory, methods and systems used by the computing industry. Required units cover the major areas of software development, computer technology, systems applications and software engineering.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode. Individual units may require access to specific nominated software.

Employment Prospects:

Excellent opportunities in business, industry and government as

programmers, systems analysts, database administrators, computer systems and network managers, user support officers and software engineers.

Professional Recognition:

Eligible for membership of the Australian Computer Society at the Professional Level.

Recommended Double Majors:

Games Technology; Internet Software Development; Internetworking

Recommended Minors:

Software Development

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

ICT167 Principles of Computer Science - 3 points
MURDOCH: S2-internal, S2-external

ICT159 Foundations of Programming - 3 points
MURDOCH: S1-internal, S1-external

ICT169 Foundations of Data Communications - 3 points
MURDOCH: S2-internal, S2-external

MAS162 Foundations of Discrete Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ICT170 Foundations of Computer Systems - 3 points
MURDOCH: S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

ICT284 Systems Analysis and Design - 3 points
Not available this year

ICT283 Data Structures and Abstractions - 3 points
Not available this year

ICT285 Databases - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to

consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

ICT373 Software Architectures - 3 points
Not available this year

ICT319 Intelligent Systems - 3 points
Not available this year

ICT374 Operating Systems and Systems Programming - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

**HONOURS IN COMPUTER SCIENCE
(BSC(HONS))**

School of Engineering and Information Technology

Bachelor of Science with Honours (BSc(Hons)) in Computer Science

Course Codes: H1211

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Students interested in Honours enrolment are advised to contact the Academic Chair before applying to discuss supervision of their potential research.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 4 credit points

ICT477 Information Technology Research Methodologies - 4 points
MURDOCH: S1-internal

Elective Units - 8 credit points

Select from the following:

ICT4021 Advanced Honours Topic in Computer Science - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

ICT4022 Advanced Honours Topic in Computer Science - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500/600-level) - 4 points

Students may also be able to take ICT4051 Advanced Honours Topic in Information Systems - 4 points or ICT4052 Advanced Honours Topic in Information Systems - 4 points with the approval of the Honours Subcommittee Chair.

Thesis - 12 credit points

ICT4029 Honours Thesis in Computer Science - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

CONSERVATION AND WILDLIFE BIOLOGY

CONSERVATION AND WILDLIFE BIOLOGY (BSC)

School of Veterinary and Life Sciences

Bachelor of Science (BSc) in Conservation and Wildlife Biology

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

Conservation Biology is concerned with the study and protection of biological diversity. It requires a detailed understanding of biology as well as of the social, political and economic context in which conservation policy is developed and implemented. It is therefore an excellent interdisciplinary major embracing aspects of science and the social sciences. The core of the degree is a solid grounding in a range of biological disciplines and their application to the conservation of biota. This is supplemented by required material covering law and policy.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements. There are no prerequisites for admission but it is highly desirable for students to have undertaken TEE Chemistry or Chemistry 3A/3B and at least Mathematics 2C/2D.

English Competence:

English competence.

Special Requirements:

Students undertaking units in Conservation Biology will not be required to kill any vertebrate animal but they will be required to work with fresh tissue from dead animals in certain units.

Employment Prospects:

Commonwealth, state and local agencies dealing with nature conservation; the interdisciplinary breadth of the course is also well suited to teaching careers.

Professional Recognition:

Eligible to seek membership of the Ecological Society of Australia

and other relevant professional bodies.

Recommended Double Majors:

Biological Sciences; Environmental Science; Marine Science; Molecular Biology

Recommended Minors:

Animal Biology; Applied Statistics; Ecosystem Management; Fisheries Science; Marine Biology; Mathematical Modelling; Molecular Biology

Excluded Minors:

Conservation Biology

Main Research Areas:

Conservation of endemic Western Australian flora and fauna, impacts of plant disease on the conservation of local communities, sustainable fisheries.

Major Prerequisites

Chemistry Background

Students who achieved a final scaled score of 50 percent or more in Chemistry 3A/3B within the past three years should seek an exemption from their Academic Chair for CHE140 Fundamentals of Chemistry. Students who have completed previous chemistry not stated above should also consult their Academic Chair for clarification of their enrolment requirements.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

BIO103 Introduction to Environmental Biology - 3 points
MURDOCH: S1-internal, S1-external

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS183 Statistical Data Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ENV102 Foundations of the Environment - 3 points
MURDOCH: S2-internal, S2-external

BIO152 Foundations of Cell and Molecular Biology - 3 points
MURDOCH: S2-internal

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

BIO257 Biodiversity - 3 points
Not available this year

BIO249 Sustainable Management of Fish and Wildlife - 3 points
Not available this year

ENV241 Ecology - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

BIO356 Genetics and Evolution - 3 points
Not available this year

BIO375 Conservation Biology - 3 points
Not available this year

BIO376 Wildlife Biology - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN CONSERVATION AND WILDLIFE BIOLOGY (BSC(HONS))

School of Veterinary and Life Sciences

Bachelor of Science with Honours (BSc(Hons)) in Conservation and Wildlife Biology

Course Codes: H1150

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Dean of School. Students interested in enrolling in Honours are advised to contact the Academic Chair before application to discuss supervision of their potential research project.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Thesis - 24 credit points**

Full-time students will be enrolled in:

BIO4079-12 Honours Thesis in Conservation and Wildlife Biology - 12 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Plus a further enrolment in:

BIO4079-12 Honours Thesis in Conservation and Wildlife Biology - 12 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

CRIMINOLOGY**CRIMINOLOGY (BA)**

School of Law

Bachelor of Arts (BA) in Criminology

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Criminology is the study of crime and criminals. Students gain an understanding of criminal law and how the state responds to crime through the criminal justice system. This involves the study of policing, sentencing and prisons. Students study the causes and prevention of crime from a multidisciplinary approach. Criminology includes the interaction between psychology and law which covers the psychology of offenders, eyewitness interviewing and testimony, interrogation and false confessions, and offender profiling.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Suitable for employment opportunities within the court and prison systems, police services, youth work, community groups and government departments.

Recommended Double Majors:

Forensic Biology and Toxicology; Legal Studies; Security, Terrorism and Counterterrorism Studies; Social and Developmental

Psychology

Recommended Minors:

Social and Developmental Psychology; Sociology

Excluded Minors:

Criminology

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 9 credit points

LEG100 Law, Justice and Social Policy - 3 points
MURDOCH: S2-internal
ROCKINGHAM: S1-internal

LEG120 Legal Research - 3 points

MURDOCH: S1-internal
ROCKINGHAM: S2-internal

CRM100 Introduction to Criminology - 3 points

MURDOCH: S1-internal
ROCKINGHAM: S2-internal

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

BJU150 Law in Context is a recommended general elective for Legal Studies students.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 6 credit points

CRM203 Criminal Behaviour - 3 points
Not available this year

CRM201 Policing and Crime Prevention - 3 points
Not available this year

*Students may do a Specified Elective instead of this unit if they take CRM388 Sentencing and Penology as part of their major. Both units may be completed if desired, and in either the second or third year.

Specified Elective - 3 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to

consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Unit - 3 credit points

CRM306 Advanced Criminology - 3 points
Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Specified Elective Unit List

Select Specified Electives from the following units during Years 2 and 3, subject to individual unit prerequisites. At least 2 units must be at 200 level and at least 2 units must be at 300 level.

CRM219 International and Australian Criminal Law - 3 points
Not available this year

CRM284 Restorative Justice - 3 points
Not available this year

CRM388 Sentencing and Penology - 3 points
Not available this year

CRM389 Psychology and Law - 3 points
Not available this year

CRM302 Children and Crime - 3 points
Not available this year

**HONOURS IN CRIMINOLOGY
(BCRIM(HONS))**

School of Law

Bachelor of Criminology with Honours (BCrim(Hons))

Course Codes: H1216

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Dean of the School.

Students interested in Honours enrolment are advised to contact the Law School Office before application to discuss supervision of their

potential research.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 4 credit points

CRM440 Criminology Honours Seminar - 4 points
 MURDOCH: S1-internal, S2-internal, Y-internal

Elective Units - 8 credit points

Select from the following:

CRM4301 Honours Placement in Criminology - 4 points
 MURDOCH: S1-internal, S2-internal, Y-internal

CRM4302 Advanced Socio-legal Research Methods - 4 points
 MURDOCH: S1-internal, S2-internal, Y-internal

CRM4303 Ethics of Socio-legal Research - 4 points
 MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500-level) - 4 points

Thesis - 12 credit points

CRM4309 Honours Thesis in Criminology - 12 points
 MURDOCH: S1-internal, S2-internal

CYBER FORENSICS, INFORMATION SECURITY AND MANAGEMENT

CYBER FORENSICS AND INFORMATION SECURITY (BSC)

School of Engineering and Information Technology

Bachelor of Science (BSc) in Cyber Forensics and Information Security

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Increasingly, government and corporate organisations need to identify information security risks and interdependencies between business functions. Escalating security threats to organisations' information assets and increasing needs for organisations to comply with governance of information management have resulted in organisations requiring well-trained ICT professionals capable of addressing three key issues: managing information; protecting information; and forensic investigation of information security incidents. Graduates of this major will be well suited to meet these important industry demands.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Graduates may expect to take up appointment in a broad range of employment areas, including: Computer Information Consultant; Computer Intelligence Officer; Computer Support Officer; Cyber Forensic Investigator; Database Developer/Administrator; Forensic Auditor; Help Desk Officer; Internet Security Officer; IT Consultant; Systems Administrator; Systems/Business Analyst.

Recommended Double Majors:

Computer Science; Internetworking

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BSC100 Building Blocks for Science Students - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

ICT171 Introduction to Server Environments and Architectures - 3 points
 MURDOCH: S1-internal, S1-external

ICT159 Foundations of Programming - 3 points
 MURDOCH: S1-internal, S1-external

ICT169 Foundations of Data Communications - 3 points
 MURDOCH: S2-internal, S2-external

MAS162 Foundations of Discrete Mathematics - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ICT170 Foundations of Computer Systems - 3 points
 MURDOCH: S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
 Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
 Not available this year

Core Units - 9 credit points

ICT284 Systems Analysis and Design - 3 points
 Not available this year

ICT287 Computer Security - 3 points
 Not available this year

ICT285 Databases - 3 points
 Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University,

subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

ICT378 Computer Forensics - 3 points
Not available this year

ICT379 Security Architectures and Systems Administration - 3 points
Not available this year

ICT380 Information Security Policy and Governance - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

CYBER FORENSICS, INFORMATION SECURITY AND MANAGEMENT (BSC)

School of Engineering and Information Technology

Bachelor of Science (BSc) in Cyber Forensics, Information Security and Management

Course Codes: B1205 B1205A

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students)
- Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students)
- SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)

Increasingly, government and corporate organisations need to identify information security risks and interdependencies between business functions. Escalating security threats to organisations' information assets and increasing needs for organisations to comply with governance of information management have resulted in organisations requiring well-trained ICT professionals capable of addressing three key issues: managing information; protecting information; and forensic investigation of information security incidents. Graduates of this major will be well suited to meet these important industry demands.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Graduates may expect to take up appointment in a broad range of employment areas, including: Computer Information Consultant;

Computer Intelligence Officer; Computer Support Officer; Cyber Forensic Investigator; Database Developer/Administrator; Forensic Auditor; Help Desk Officer; Internet Security Officer; IT Consultant; Systems Administrator; Systems/Business Analyst.

Recommended Double Majors:

Computer Science; Internetworking and Security

Course Structure - 72 credit points

Part I - 24 credit points

Foundation Unit - 3 credit points

From 2014, Foundation units will no longer be offered. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 6 credit points

ICT103 Introduction to Data Communications - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

ICT107 Principles of Information Systems - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

Specified Electives - 3 credit points

Select from the following:

ICT101 Introduction to 3D Graphics and Animation - 3 points
MURDOCH: S1-internal, S1-external

ICT102 Introduction to Computer Science - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

ICT105 Introduction to Information Technology - 3 points
MURDOCH: S1-internal, S1-external, S2-external

ICT108 Introduction to Internet and Mobile Technologies - 3 points
DUBAI-ISC: TMD-internal

BSL165 Foundations of Business Law - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

General Electives - 12 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 48 credit points

Core Units - 24 credit points

ICT218 Databases - 4 points
MURDOCH: S2-internal, S2-external
DUBAI-ISC: TMD-internal, TSD-internal
KAPLAN-SGP: TMA-internal, TSA-internal
SGP1: TSB-internal

ICT231 Systems Analysis and Design - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

ICT333 Information Technology Project - 4 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
SGP1: TJB-internal, TMB-internal, TSB-internal

ICT248 Cyber Forensics - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TMA-internal
SGP1: TMB-internal

ICT349 Forensic Data Analysis - 4 points
 MURDOCH: S1-internal, S1-external
 KAPLAN-SGP: TMA-internal
 SGP1: TJB-internal, TMB-internal

ICT357 Information Security Management - 4 points
 MURDOCH: S2-internal, S2-external
 KAPLAN-SGP: TJA-internal, TSA-internal
 SGP1: TJB-internal, TSB-internal

Students taking a double major may substitute ICT339 Computer Security - 4 points [MURDOCH: S2-internal, S2-external] for ICT357 Information Security Management - 4 points.

Specified Electives - 4 credit points

Select from the following:

ICT256 Knowledge Management Techniques - 4 points
 MURDOCH: S1-internal, S1-external
 DUBAI-ISC: TMD-internal
 KAPLAN-SGP: TJA-internal
 SGP1: TJB-internal

OR

ICT265 Knowledge and Information Security - 4 points
 MURDOCH: S2-internal, S2-external
 KAPLAN-SGP: TJA-internal

General Electives - 20 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

EARLY CHILDHOOD EDUCATION

EARLY CHILDHOOD 0-8 (BED)

School of Education

Bachelor of Education (BEd) in Early Childhood 0-8

Course Codes: B1322

Duration: 3 years full-time or part-time equivalent (following successful completion of a Diploma of Children's Services (Early Childhood Education and Care) and associated work experience)

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)
- Rockingham campus (internal)
- This course is not available to International students studying in Australia.

This course is designed for students wishing to have the flexibility of working in childcare as Directors or in the lower primary years of schooling (K-3). An articulation enables students who have successfully completed a Diploma of Children's Services (Early Childhood Education and Care) to be awarded 24 points of credit towards their degree.

Admission Requirements (Onshore):

Admission is restricted to applicants who have successfully completed a Diploma of Children's Services (Early Childhood Education and Care) from either Challenger Institute of Technology, Central Institute of Technology or Polytechnic West, or equivalent qualifications in consultation with the Academic Chair. This articulation enables students who have successfully completed this diploma to be awarded advanced standing towards their degree.

English Competence:

English competence.

Special Requirements:

Students will need to have access to the internet throughout their

course.

Employment Prospects:

Childcare, Family Day Care, Children's Services, Playgroups, Kindergarten - Year 3 teacher.

Professional Recognition:

Students satisfactorily completing this course will be eligible to apply for registration as qualified early childhood teachers and childcare centre directors.

Main Research Areas:

Education, teaching

Course Structure - 96 credit points

Advanced Standing - 24 credit points

Students are granted 24 points of advanced standing due to successful completion of the Diploma in Children's Services (Early Childhood Education and Care). This constitutes the first year of study of this four-year degree.

Part I - 24 credit points

Year 1 - 24 credit points

Core Units - 24 credit points

Semester 1

EDN1121 Understanding Teachers' Work - 3 points
 MURDOCH: UA2-internal
 Note: for 2014 this unit replaces the Breadth Unit BED150 Understanding Teachers' Work.

EDN111 Language for Learning and Teaching - 3 points
 MURDOCH: S1-internal, S1-external
 ROCKINGHAM: S1-internal

EDN113 Living and Learning with Technology - 3 points
 MURDOCH: S1-internal, S1-external
 ROCKINGHAM: S1-internal

EDN221 Learning and Teaching - 3 points
 MURDOCH: S1-internal, S1-external
 ROCKINGHAM: S1-internal

Semester 2

EDN114 Thinking Mathematically - 3 points
 MURDOCH: S2-internal, S2-external
 ROCKINGHAM: S2-internal

EDN115 Thinking Scientifically - 3 points
 MURDOCH: S2-internal, S2-external
 ROCKINGHAM: S2-internal

EDN2251 Teaching The Arts in Primary Schools - 3 points
 MURDOCH: S2-internal, S2-external
 ROCKINGHAM: S2-internal

EDN2261 Teaching Health and Physical Education in Primary Schools - 3 points
 MURDOCH: S2-external

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BED200 Assessment and Action Research - 3 points
 Not available this year

Core Units - 21 credit points

EDN461 Literacies and Numeracy in Early Years 1 - 3 points
 Not available this year

EDN353 Aboriginal Perspectives Across the Curriculum - 3 points
 Not available this year

EDN355 Principles and Practices in Early Childhood Education - 3 points
Not available this year

EDN441 Teaching Society and the Environment in Primary Schools - 3 points
Not available this year

EDN332 Children, Families and Communities - 3 points
NA 2014

EDN354 Integrated Early Childhood Curriculum - 3 points
Not available this year

EDN3102 Professional Experience: Mathematics in Practice - 3 points
Not available this year

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

EDN459 Action Learning for Reflective Practitioners - 3 points
Not available this year

Core Units - 21 credit points

EDN462 Literacies and Numeracy in Early Years 2 - 3 points
Not available this year

EDN4100 Professional Experience: Programming Across the Curriculum - 3 points
Not available this year

EDN442 Teaching Science in Primary Schools - 3 points
Not available this year

EDN449 Inclusive Education - 3 points
Not available this year

EDN4302 Professional Internship: Preliminary Primary Teaching - 3 points
Not available this year

EDN4300 Professional Internship: Primary Teaching - 6 points
Not available this year

ECONOMICS

ECONOMICS (BBUS)

School of Management and Governance

Bachelor of Business (BBus) in Economics

Course Codes: B1318

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The major in Economics emphasises the applications of economic analysis to real world situations. Students are given a grounding in fundamental economic analysis and are then able to choose from a wide range of economics elective units to suit their interests and their career intentions. Economics can be accommodated as a double major within other Bachelor degree programs. A fourth year of study is available in the form of an honours year.

A Bachelor of Business provides a broad understanding of individual, organisational and societal issues. You will have the practical skills to identify business opportunities, analyse problems and implement solutions and you will be able to demonstrate a knowledge of business principles across key functional areas. You will have depth of knowledge in one or more business disciplines: accounting, banking, business law, economics, finance, hospitality and tourism management, human resources management, international business, management, marketing.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

The financial sector, Federal and State Public Service, major resource-based corporations, education and the health sector.

Professional Recognition:

Graduates are eligible for Associate Professional membership of the Economics Society of Australia.

Recommended Double Majors:

Accounting; Banking; Finance; Management; Politics and International Studies

Excluded Minors:

Economics; Public Policy and Management

Main Research Areas:

Economic Growth; Human Capital Accumulation; Labour Markets; Maritime Studies; Social Policy; Asian Economies; Ecological and Climate Change Economics; Behavioural and Experimental Economics; Decision Theory; Sustainable Economic Development; Chinese Economy and Trade; Econometrics; Regional Economics; Environmental and Resource Economics.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Breadth Unit for Degree - 3 credit points

BBS150 Transforming Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 12 credit points

BUS130 Foundational Mathematics for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS176 Foundations of Management and Governance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS171 Foundations of Economics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external, SUM-internal
ROCKINGHAM: S1-internal

BUS162 Economics in Society - 3 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BBS200 Bachelor of Business Research Skills Unit - 3 points

Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

BUS289 Macroeconomics A - 3 points
Not available this year

BUS291 Microeconomics A - 3 points
Not available this year

BUS292 Econometrics - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BBS300 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

BUS318 Microeconomics B - 3 points
Not available this year

BUS327 Macroeconomics B - 3 points
Not available this year

BUS309 International Trade and Development - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

ECONOMICS (BECON)

School of Management and Governance

Bachelor of Economics (BEcon)

Course Codes: B1007

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Economics instead)
- Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Economics instead)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)

The Bachelor of Economics emphasises the applications of economic analysis to real world situations. Students are given a grounding in fundamental economic analysis and are then able to choose from a wide range of economics elective units to suit their interests and their career intentions. The Economics program can be accommodated as a double major within other Bachelor degree

programs. A fourth year of study is available in the form of an honours year.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

The financial sector, Federal and State Public Service, major resource-based corporations, education and the health sector.

Professional Recognition:

Graduates are eligible for Associate Professional membership of the Economics Society of Australia.

Recommended Double Majors:

Accounting; Banking; Finance; Management; Politics and International Studies

Excluded Minors:

Economics; Public Policy and Management

Main Research Areas:

Economic Growth; Human Capital Accumulation; Labour Markets; Maritime Studies; Social Policy; Asian Economies; Ecological and Climate Change Economics; Behavioural and Experimental Economics; Decision Theory; Sustainable Economic Development; Chinese Economy and Trade; Econometrics; Regional Economics; Environmental and Resource Economics.

Course Structure - 72 credit points

Part I - 24 credit points

Foundation Unit - 3 credit points

From 2014, Foundation units will no longer be offered. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 9 credit points

BUS171 Foundations of Economics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external,
SUM-internal
ROCKINGHAM: S1-internal

OR

BUS161 Introduction to Economics - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

BUS162 Economics in Society - 3 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal

MAS180 Introduction to Statistics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KDUPJ: S1U-internal

Specified Electives - 3 credit points

Select from the following:

BUS170 Foundations of Accounting - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

OR

BUS160 Introduction to Accounting - 3 points
DUBAI-ISC: TMD-internal

BUS145 Principles of Management - 3 points
MURDOCH: SUM-internal
DUBAI-ISC: TMD-internal

OR

BUS176 Foundations of Management and Governance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS183 Foundations of Marketing - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

OR

BUS169 Principles of Marketing - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

BUS140 Principles of Finance and Banking - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

OR

BUS130 Foundational Mathematics for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 48 credit points**Core Units - 16 credit points**

BUS260 Macroeconomics A - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal

BUS261 Microeconomics A - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal

BUS361 Microeconomics B - 4 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal

BUS360 Macroeconomics B - 4 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal

Specified Electives - 8 credit points

Select from the following units. Students intending to take Honours should include BUS294 Econometrics in their selection.

BUS272 Changing Economies of Asia - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal

BUS375 Human Resource Economics - 4 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

BUS290 International Financial Markets and Institutions - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

BUS294 Econometrics - 4 points
MURDOCH: S2-internal, S2-external

BUS208 Quantitative Methods for Business and Economics - 4 points

MURDOCH: S1-internal, S1-external
DUBAI-ISC: TMD-internal

BUS234 Chinese Economy - 4 points
MURDOCH: S2-internal, S2-external

BUS250 Economics of Climate Change - 4 points
MURDOCH: S2-internal, S2-external

General Electives - 24 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Recommended for General Elective points only:

BUS267 Work-Based Learning - 4 points
MURDOCH: S1-internal (quota of 50 places)
This unit is recommended for final year students.

BUS352 International Study Tour - 4 points
MURDOCH: W-internal (quota of 15 places)
Students must have completed their Part I units.

HONOURS IN ECONOMICS (BECON(HONS))

School of Management and Governance

Bachelor of Economics with Honours (BEcon(Hons))

Course Codes: H1003

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop the ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average in units relating to the planned Honours study and a Distinction average overall. Subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 12 credit points****Core Units - 8 credit points**

BUS425 Advanced Economic Analysis: Honours - 4 points
MURDOCH: S2-internal

BUS463 Contemporary Advances in Economics: Theory and Applications - Honours - 4 points
MURDOCH: S1-internal

Elective Units - 4 credit points

Select from the following:

BUS4001 Advanced Honours Topic in Economics - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500-level) - 4 points

Note: Students who have not completed the equivalent of BUS294 Econometrics - 4 points within their undergraduate course will be required to take this unit in lieu of their Honours Elective.

Thesis - 12 credit points

BUS4009 Honours Thesis in Economics - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

EDUCATION

EARLY CHILDHOOD AND PRIMARY TEACHING (FOUR YEARS) (BED)

School of Education

Bachelor of Education (BE) in Early Childhood and Primary Teaching (Four Years)

Course Codes: B1319

Duration: 4 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (all but one unit)
- Murdoch campus (external) (except for one school experience, and a one week intensive for EDN248)
- Rockingham campus (internal)

Restriction: Enrolment in this course is subject to restriction.

The Bachelor of Education (Early Childhood and Primary Teaching) will prepare graduates to teach in a classroom from kindergarten to Year 7. Students will study general primary curriculum as well as that specific to early childhood education and will be placed in both early childhood and primary classrooms for their Professional Experiences. Professional Experience: There are 90 days of supervised teaching practice in this course. Professional Experience: There are 90 days of supervised teaching practice in this course.

The Bachelor of Education enables students to develop the knowledge, skills and capabilities to become a teacher. Students are supported in becoming effective educators with a strong grounding in learning, teaching and curriculum. Professional Experience is a key component of the degree, providing students with opportunities to engage with schools and the broader community and to apply their knowledge and skills in a range of school settings. Murdoch Education graduates develop the understanding and capacity to be a teacher as researcher, an agent for change and a socially just practitioner. The degree provides a foundation for lifelong learning through continued professional development and/or further study.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

The WA Department of Education and cooperating non-government schools have the right to determine 'fit and proper persons' to enter and practice in schools. This means all students must obtain two criminal history checks.

The first is a current WA Department of Education Criminal Record check. The second is a Working with Children Check. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children.

The appropriate application forms are available from the Murdoch University School of Education Professional Experience office. The form for the first check is also available from the office's web site and the WA Department of Education web site. Federal and State police clearances obtained through police stations are not

acceptable. Students should refer to the Study at Murdoch section of this Handbook for further details on this important matter.

It is important to understand that these two checks are mandatory and students are not permitted to enter schools without obtaining them.

Employment Prospects:

A recent survey of all Murdoch teacher education graduates for the past decade showed that almost all were employed in teaching within a year of graduating. Murdoch graduates are employed in government and non-government schools and other education-related occupations.

Professional Recognition:

On completion of the Bachelor of Education, students have a widely accepted qualification from a recognised university and are eligible for graduate studies or employment in government and independent schools.

Excluded Majors:

Primary, 1-10 Health and Physical Education

Excluded Minors:

Education Studies

Main Research Areas:

Education, teaching

Exemptions/Credit and School Experience:

Students seeking exemptions must be able to provide documentary evidence in support of their application.

Students who have had at least two years of full-time recent relevant and satisfactory teaching experience in an Australian school context may seek partial exemption from the School Experience unit/s. Whilst Murdoch recognises that some students may have prior and/or current teaching experience, it requires that a student's classroom competence be assessed before exemptions from School Experience can be given.

Students who have been employed as a teacher and have had at least one year of full-time equivalent recent, relevant and satisfactory teaching experience in an Australian school context may seek exemption from EDN112 Understanding Teachers' Work.

Students cannot receive exemption from the School Experience component of EDN4300 Professional Internship: BE Primary but those who are currently employed in relevant teaching positions may seek permission to complete one Primary Professional Experience in their school. Students must contact the Murdoch University School of Education Professional Experience Office.

If seeking uncredentialed credit students must submit a case in writing, with supporting documentary evidence to explain how the outcomes of units have already been achieved through prior experience. All applications for exemption and credit must be directed to the Accreditation Officer.

External Study:

Not all required units in this degree are offered completely externally. Some are offered as intensive sessions on-campus or in Perth metropolitan schools.

a) External students must undertake the first School Experience unit, EDN2100 Professional Experience: BE (Primary) in a Perth metropolitan school and under the guidance of a Murdoch University Supervisor. Subject to satisfactory completion of this unit, students may arrange, in consultation with the Murdoch University School of Education Professional Experience Office, to complete their subsequent school experiences other than in metropolitan Perth. Note: EDN112 is not included as a first School Experience unit for this purpose.

b) For students enrolled in Primary and Early Childhood Teacher Education, on-campus attendance is required for a one-week intensive workshop during winter term (date to be announced) for EDN226 Teaching Health and Physical Education in Primary Schools.

Alternative Entry Pathway (Rockingham campus):

An alternative entry pathway exists via the Primary Teaching Combination from Challenger TAFE (Rockingham) to Murdoch University Bachelor of Education (Early Childhood and Primary Teaching). This pathway will provide applicants with advanced standing once they enter the University.

Major Prerequisites

Mathematics Background

Students who have not completed Stage 2 or above of Year 12 Mathematics may need to complete:

EDN110 Mathematics for Teaching - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

Course Structure - 96 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BED100 Ideas in Education - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal, S2-internal

Breadth Unit for Degree - 3 credit points

BED150 Understanding Teachers' Work - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 12 credit points

EDN111 Language for Learning and Teaching - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN113 Living and Learning with Technology - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN114 Thinking Mathematically - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

EDN115 Thinking Scientifically - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 72 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BED200 Assessment and Action Research - 3 points
Not available this year

Core Units - 21 credit points

Part-time and external students should contact the School of Education when creating their study plan, particularly as it is necessary for concurrent enrolment in the School Experience and Early Childhood and Primary Curriculum units. A sample full-time study plan is available on the Course Planning Page and on the School of Education web site.

Students should be enrolled in or have completed EDN235 Teaching English and Literacy in Primary Schools and EDN236 Teaching The Arts in Primary Schools or EDN248 Teaching Health and Physical Education in Primary Schools before enrolling in EDN2104 Professional Experience: English in Practice.

EDN208 Learning and Teaching - 3 points
Not available this year

EDN235 Teaching English and Literacy in Primary Schools - 3 points
Not available this year

EDN3201 Principles and Practices in Early Childhood Education - 6 points
NA2014

EDN236 Teaching The Arts in Primary Schools - 3 points
Not available this year

EDN248 Teaching Health and Physical Education in Primary Schools - 3 points
Not available this year

EDN2104 Professional Experience: English in Practice - 3 points
Not available this year

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BED300 Schooling and Society - Research Skills - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 18 credit points

EDN351 Teaching Mathematics in Primary Schools - 3 points
Not available this year

EDN353 Aboriginal Perspectives Across the Curriculum - 3 points
Not available this year

EDN458 Creating Effective Learning Environments - 3 points
Not available this year

EDN332 Children, Families and Communities - 3 points
NA 2014

EDN354 Integrated Early Childhood Curriculum - 3 points
Not available this year

EDN3102 Professional Experience: Mathematics in Practice - 3 points
Not available this year

Students must have successfully completed EDN2104 Professional Experience: English in Practice before enrolment in EDN3102 Professional Experience: Mathematics in Practice.

Year 4 - 24 credit points

Core Units - 24 credit points

Semester 1

EDN441 Teaching Society and the Environment in Primary Schools - 3 points
Not available this year

EDN442 Teaching Science in Primary Schools - 3 points
Not available this year

EDN4100 Professional Experience: Programming Across the Curriculum - 3 points
Not available this year

EDN459 Action Learning for Reflective Practitioners - 3 points
Not available this year

Semester 2

Students must have completed 86 credit points and all Core Units (excluding the units below) prior to enrolling in the final semester of study.

EDN449 Inclusive Education - 3 points
Not available this year

EDN4302 Professional Internship: Preliminary Primary Teaching - 3 points
Not available this year

EDN4300 Professional Internship: Primary Teaching - 6 points
Not available this year

PRIMARY TEACHING (FOUR YEARS) (BED)

School of Education

Bachelor of Education (BE) in Primary Teaching (Four Years)

Course Codes: B1319

Duration: 4 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external) (except for one professional experience, and a one-week intensive for EDN248)
- Rockingham campus (internal) (all Core Units plus some Specified Electives available; some units taken externally)

Restriction: Enrolment in this course is subject to restriction.

Primary Teacher Education graduates are qualified to teach from Years 1 to 7 in primary schools. Minors are available for primary teachers in a range of specialisations eg. Inclusive Education and Science Communication (quotas apply to some minors in this course -- see the descriptions of the minors).

The Bachelor of Education enables students to develop the knowledge, skills and capabilities to become a teacher. Students are supported in becoming effective educators with a strong grounding in learning, teaching and curriculum. Professional Experience is a key component of the degree, providing students with opportunities to engage with schools and the broader community and to apply their knowledge and skills in a range of school settings. Murdoch Education graduates develop the understanding and capacity to be a teacher as researcher, an agent for change and a socially just practitioner. The degree provides a foundation for lifelong learning through continued professional development and/or further study.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

The WA Department of Education and cooperating non-government schools have the right to determine 'fit and proper persons' to enter and practice in schools. This means all students must obtain two criminal history checks.

The first is a current WA Department of Education Criminal Record check. The second is a Working with Children Check. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children.

The appropriate application forms are available from the Murdoch University School of Education Professional Experience office. The form for the first check is also available from the office's web site and the WA Department of Education web site. Federal and State police clearances obtained through police stations are not

acceptable. Students should refer to the Study at Murdoch section of this Handbook for further details on this important matter.

It is important to understand that these two checks are mandatory and students are not permitted to enter schools without obtaining them.

For students with English as a second language the Western Australian College for Teaching requires an IELTS of 8 on graduation.

Employment Prospects:

Murdoch teacher education graduates are employed in government and non-government schools and other education-related occupations. A recent survey of all Murdoch teacher education graduates for the past decade has shown that almost all were employed in teaching within a year of graduating.

Professional Recognition:

On completion of the Bachelor of Education, students have a widely accepted qualification from a recognised university and are eligible for graduate studies or employment in government and independent schools.

Recommended Minors:

Australian Indigenous Studies; Inclusive Education; Media Studies

Excluded Majors:

Primary, 1-10 Health and Physical Education

Excluded Minors:

Education Studies

Main Research Areas:

Education, teaching

Exemptions/Credit and Professional Experience:

Students seeking exemptions must be able to provide documentary evidence in support of their application.

Students who have had at least two years of full-time recent relevant and satisfactory teaching experience in an Australian school context may seek partial exemption from the Professional Experience unit/s. Whilst Murdoch recognises that some students may have prior and/or current teaching experience, it requires that a student's classroom competence be assessed before exemptions from School Experience can be given.

Students who have been employed as a teacher and have had at least one year of full-time equivalent recent, relevant and satisfactory teaching experience in an Australian school context may seek exemption from EDN112 Understanding Teachers' Work.

Students cannot receive exemption from the School Experience component of EDN4300 Professional Internship:BE Primary, but those who are currently employed in relevant teaching positions may seek permission to complete one Primary professional experience in their school. Students must contact the Murdoch University School of Education Professional Experience Office.

If seeking uncredentialed credit students must submit a case in writing, with supporting documentary evidence to explain how the outcomes of units have already been achieved through prior experience. All applications for exemption and credit must be directed to the Accreditation Officer.

External Study:

Not all required units in these majors are offered completely externally. Some are offered as intensive sessions on-campus or in Perth metropolitan schools.

a) External students must undertake the first School Experience unit, EDN2100 Professional Experience: BE (Primary) in a Perth

metropolitan school and under the guidance of a Murdoch University Supervisor. Subject to satisfactory completion of this unit, students may arrange, in consultation with the Murdoch School Experience Office, to complete their subsequent professional experience in a school other than in metropolitan Perth. Note: EDN112 is not included as a first Professional Experience unit for this purpose.

b) For students enrolled in Primary Teacher Education, on-campus attendance is required for a one-week intensive workshop during winter term (date to be announced) for EDN226 Teaching Health and Physical Education in Primary Schools.

Alternative Entry Pathway (Rockingham campus):

An alternative entry pathway exists via the Primary Teaching Combination from Challenger TAFE (Rockingham) to Murdoch University Bachelor of Education (Primary Teaching). This pathway will provide applicants with advanced standing once they enter the University.

Major Prerequisites

Mathematics Background

Students may need to complete EDN110 Mathematics for Teaching - 3 points [MURDOCH: S1-internal, S1-external; ROCKINGHAM: S1-internal] if they have not completed Stage 2 or above of Year 12 Mathematics.

Course Structure - 96 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BED100 Ideas in Education - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal, S2-internal

Breadth Unit for Degree - 3 credit points

BED150 Understanding Teachers' Work - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 12 credit points

EDN111 Language for Learning and Teaching - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN113 Living and Learning with Technology - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN114 Thinking Mathematically - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

EDN115 Thinking Scientifically - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Students may wish to use their General Elective units to develop a Minor such as Australian Indigenous Studies. Please refer to the Minors section of the Handbook for further information.

Part II - 72 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BED200 Assessment and Action Research - 3 points
Not available this year

Core Units - 18 credit points

Part-time and external students should contact the School of Education when creating their study plan, particularly as it is necessary for concurrent enrolment in the School Experience and Primary Curriculum units. A sample full-time study plan is available on the Course Planning Page and the School of Education web site.

Students should be enrolled in or have completed EDN235 Teaching English and Literacy in Primary Schools and EDN236 Teaching The Arts in Primary Schools or EDN248 Teaching Health and Physical Education in Primary Schools before enrolling in EDN2104 Professional Experience: English in Practice.

EDN208 Learning and Teaching - 3 points
Not available this year

EDN235 Teaching English and Literacy in Primary Schools - 3 points
Not available this year

EDN458 Creating Effective Learning Environments - 3 points
Not available this year

EDN236 Teaching The Arts in Primary Schools - 3 points
Not available this year

EDN248 Teaching Health and Physical Education in Primary Schools - 3 points
Not available this year

EDN2104 Professional Experience: English in Practice - 3 points
Not available this year

Specified Elective - 3 credit points

Enrol in one 200 or 300 level unit chosen from the list [to be advised].

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BED300 Schooling and Society - Research Skills - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 12 credit points

EDN351 Teaching Mathematics in Primary Schools - 3 points
Not available this year

EDN353 Aboriginal Perspectives Across the Curriculum - 3 points
Not available this year

EDN332 Children, Families and Communities - 3 points
NA 2014

EDN3102 Professional Experience: Mathematics in Practice - 3 points
Not available this year

Students must have completed EDN2104 Professional Experience: English in Practice and should have enrolled in or completed EDN351 Teaching Mathematics in Primary Schools before enrolment in EDN3102 Professional Experience: Mathematics in Practice.

Specified Electives - 6 credit points

Enrol in two 200 or 300 level units chosen from the list [to be advised]. Students who have completed at least 36 points at second year and above may enrol in a 400 level unit.

Year 4 - 24 credit points

Core Units - 21 credit points

Semester 1

EDN441 Teaching Society and the Environment in Primary Schools - 3 points
Not available this year

EDN442 Teaching Science in Primary Schools - 3 points
Not available this year

EDN4100 Professional Experience: Programming Across the Curriculum - 3 points
Not available this year

Semester 2

Prior to commencing the final semester of study students must have successfully completed all Core Units and all point requirements of the course, excluding the units in that final semester.

EDN449 Inclusive Education - 3 points
Not available this year

EDN4302 Professional Internship: Preliminary Primary Teaching - 3 points
Not available this year

EDN4300 Professional Internship: Primary Teaching - 6 points
Not available this year

Specified Elective - 3 credit points

Enrol in one 300, 400 or 500 level unit chosen from the list [to be advised].

PRIMARY, 1-10 HEALTH AND PHYSICAL EDUCATION (BED)

School of Education

Bachelor of Education (BE) in Primary, 1-10 Health and Physical Education

Course Codes: B1319

Duration: 4 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Rockingham campus (internal)
- Some units only: Murdoch campus (external)

Restriction: Enrolment in this course is subject to restriction.

This course will prepare graduates to teach in a classroom from Years 1 to 7. In addition the graduates will specialise in Health and Physical Education (HPE) thus enabling graduates to be skilled as Curriculum Leaders in this learning area and to lead extracurricular activities. Students will study general primary curriculum as well as that specific to the teaching of HPE for Years 1 to 10. Professional Experience: There are 110 days of supervised teaching practice in this course.

The Bachelor of Education enables students to develop the knowledge, skills and capabilities to become a teacher. Students are supported in becoming effective educators with a strong grounding in learning, teaching and curriculum. Professional Experience is a key component of the degree, providing students with opportunities to engage with schools and the broader community and to apply their knowledge and skills in a range of school settings. Murdoch Education graduates develop the understanding and capacity to be a teacher as researcher, an agent for change and a socially just practitioner. The degree provides a foundation for lifelong learning through continued professional development and/or further study.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

The WA Department of Education and cooperating non-government schools have the right to determine 'fit and proper persons' to enter and practice in schools. This means all students must obtain two criminal history checks.

The first is a current WA Department of Education Criminal Record check. The second is a Working with Children Check. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children.

The appropriate application forms are available from the Murdoch University School of Education Professional Experience office. The form for the first check is also available from the office's web site and the WA Department of Education web site. Federal and State police clearances obtained through police stations are not acceptable. Students should refer to the Study at Murdoch section of this Handbook for further details on this important matter.

It is important to understand that these two checks are mandatory and students are not permitted to enter schools without obtaining them.

For students with English as a second language the Western Australian College for Teaching requires an IELTS of 8 on graduation.

Employment Prospects:

Primary schools; K-12 schools; district high schools; Health.

Professional Recognition:

On completion of the Bachelor of Education, students have a widely accepted qualification from a recognised university and are eligible for graduate studies or employment in government and independent schools.

Excluded Majors:

Early Childhood and Primary Teaching (Four Years); Primary Teaching (Four Years); Secondary Teaching (Arts Combined Drama); Secondary Teaching (Arts Combined English); Secondary Teaching (Arts Combined History); Secondary Teaching (Arts Combined Languages other than English (Indonesian)); Secondary Teaching (Arts Combined Languages other than English (Japanese)); Secondary Teaching (Combined Science Degrees); Secondary Teaching (Science Combined Mathematics); Secondary Teaching (Science Combined Sport and Health Science); Education Studies

Excluded Minors:

Education Studies

Main Research Areas:

Education, teaching

Exemptions/Credit and Professional Experience:

Students seeking exemptions must be able to provide documentary evidence in support of their application.

Students who have had at least two years of full-time recent relevant and satisfactory teaching experience in an Australian school context may seek partial exemption from the Professional Experience unit/s. Whilst Murdoch recognises that some students may have prior and/or current teaching experience, it requires that a student's classroom competence be assessed before exemptions from Professional Experience can be given.

Students who have been employed as a teacher and have had at least one year of full-time equivalent recent, relevant and satisfactory teaching experience in an Australian school context may seek exemption from EDN112 Understanding Teachers' Work.

Students cannot receive exemption from the Professional Experience component of EDU377 Professional

Internship:Preliminary:BEEd Primary, and EDU378 Professional Internship. Those who are currently employed in relevant teaching positions may seek permission to complete one Primary Professional Experience in their school. Students must contact the School of Education Professional Experience Office.

If seeking uncredentialed credit students must submit a case in writing, with supporting documentary evidence to explain how the outcomes of units have already been achieved through prior experience. All applications for exemption and credit must be directed to the Accreditation Officer.

Study Options:

This course is offered in internal mode only. Some general education units may be available in external mode but HPE specific units require on-campus participation as part of their assessment. Most core units for HPE are only available on Rockingham campus. Students need to enrol in these units at Rockingham to avoid timetable clashes.

Alternative Entry Pathway (Rockingham campus):

An alternative entry pathway exists via the Primary Teaching Combination from Challenger TAFE (Rockingham) to Murdoch University Bachelor of Education (Primary Teaching). This pathway will provide applicants with advanced standing once they enter the University.

Major Prerequisites

Mathematics Background

Students may need to complete EDN110 Mathematics for Teaching - 3 points [MURDOCH: S1-internal, S1-external; ROCKINGHAM: S1-internal] if they have not completed Stage 2 or above of Year 12 Mathematics.

Course Structure - 96 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BED100 Ideas in Education - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal, S2-internal

Breadth Unit for Degree - 3 credit points

BED150 Understanding Teachers' Work - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 15 credit points

EDN111 Language for Learning and Teaching - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN113 Living and Learning with Technology - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN114 Thinking Mathematically - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

EDN115 Thinking Scientifically - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

EDN116 Physical Education - 3 points
MURDOCH: S2-internal
ROCKINGHAM: S1-internal

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 72 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BED200 Assessment and Action Research - 3 points
Not available this year

Core Units - 21 credit points

Part-time students should contact their Academic Chair when creating their study plan, particularly as concurrent enrolment is necessary for the School Experience and Curriculum Units. A sample full-time study plan is available on the School of Education web site.

Students should enrol concurrently in EDN235 Teaching English and Literacy in Primary Schools and EDN236 Teaching The Arts in Primary Schools or EDN248 Teaching Health and Physical Education in Primary Schools before enrolling in EDN2104 Professional Experience: English in Practice.

EDN208 Learning and Teaching - 3 points
Not available this year

EDN235 Teaching English and Literacy in Primary Schools - 3 points
Not available this year

EDN356 Sport Education - 3 points
Not available this year

EDN458 Creating Effective Learning Environments - 3 points
Not available this year

EDN236 Teaching The Arts in Primary Schools - 3 points
Not available this year

EDN248 Teaching Health and Physical Education in Primary Schools - 3 points
Not available this year

EDN2104 Professional Experience: English in Practice - 3 points
Not available this year

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BED300 Schooling and Society - Research Skills - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 18 credit points

EDN357 Sports Practicum - 3 points
Not available this year
Note that this unit begins prior to the start of Semester 1 each year.

EDN351 Teaching Mathematics in Primary Schools - 3 points
Not available this year

EDN353 Aboriginal Perspectives Across the Curriculum - 3 points
Not available this year

EDN441 Teaching Society and the Environment in Primary Schools - 3 points
Not available this year

EDN332 Children, Families and Communities - 3 points
NA 2014

EDN3102 Professional Experience: Mathematics in Practice - 3 points
Not available this year

Year 4 - 24 credit points

Core Units - 24 credit points

Semester 1

Students should enrol concurrently in EDN464 Health and Physical Education and the Curriculum (Major) and EDN4100 Professional Experience: Programming Across the Curriculum.

EDN442 Teaching Science in Primary Schools - 3 points
Not available this year

EDN464 Health and Physical Education and the Curriculum (Major) - 3 points
Not available this year

EDN4100 Professional Experience: Programming Across the Curriculum - 3 points
Not available this year

EDN465 Perspectives on Curriculum - 3 points
Not available this year

Semester 2

Prior to commencing the final semester of study students must have successfully completed all Core Units and all point requirements of the course, excluding the units in that final semester.

EDN449 Inclusive Education - 3 points
Not available this year

EDN4302 Professional Internship: Preliminary Primary Teaching - 3 points
Not available this year

EDN4300 Professional Internship: Primary Teaching - 6 points
Not available this year

SECONDARY TEACHING (ARTS COMBINED DRAMA) (BED+BA)

School of Education

Bachelor of Education (BEd) in Secondary Teaching + Bachelor of Arts (BA) in Theatre and Drama

Course Codes: B1328

Duration: 5 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external) (except for one school experience, depending on teaching area selected)

Restriction: Enrolment in this course is subject to restriction.

Secondary Teacher Education graduates are qualified to teach one or more learning areas at the secondary school level. For Secondary Teacher Education students the Bachelor degree studied concurrently with the Bachelor of Education should be relevant to one of the following learning areas in secondary schools:

Drama;

English;

History;

Languages other than English (LOTE): Japanese

Languages other than English (LOTE): Indonesian

Mathematics;

Selected science degrees;

Sport and Health Science;

Advice about Murdoch majors suitable for each of these learning areas may be obtained from the Academic Student Advisor (BEEd Secondary).

Professional Experience: There are 80 days of supervised teaching practice in this course.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

The WA Department of Education and cooperating non-government schools have the right to determine 'fit and proper persons' to enter and practice in schools. This means all students must obtain two criminal history checks.

The first is a current WA Department of Education Criminal Record check. The second is a Working with Children Check. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children.

The appropriate application forms are available from the Murdoch University School of Education Professional Experience office. The form for the first check is also available from the office's website and the WA Department of Education website. Federal and State police clearances obtained through police stations are not acceptable. Students should refer to the Study at Murdoch section of this Handbook for further details on this important matter.

It is important to understand that these two checks are mandatory and students are not permitted to enter schools without obtaining them.

For students with English as a second language the Western Australian College for Teaching requires an IELTS of 8 on graduation.

Employment Prospects:

A recent survey of all Murdoch teacher education graduates for the past decade showed that almost all were employed in teaching within a year of graduating. Murdoch graduates are employed in government and non-government schools and other education-related occupations.

Professional Recognition:

On completion of the Bachelor of Education, students have a widely accepted qualification from a recognised university and are eligible for graduate studies or employment in government and independent schools.

Excluded Majors:

Primary, 1-10 Health and Physical Education

Excluded Minors:

Education Studies

Main Research Areas:

Education, teaching

Exemptions/Credit and Professional Experience:

Students seeking exemptions must be able to provide documentary evidence in support of their application.

Students who have had at least two years of full-time recent relevant and satisfactory teaching experience in an Australian school context may seek partial exemption from the Professional Experience unit/s. Whilst Murdoch recognises that some students may have prior and/or current teaching experience, it requires that a student's classroom competence be assessed before exemptions from Professional Experience can be given.

Students who have been employed as a teacher and have had at least one year of full-time equivalent recent, relevant and satisfactory teaching experience in an Australian school context may seek exemption from EDN112 Understanding Teachers' Work.

Students cannot receive exemption from the Professional Internship: BEd Secondary but those who are currently employed in relevant teaching positions may seek permission to complete one

Professional Experience in their school. Students must contact the Murdoch University School of Education Professional Experience Office for advice.

If seeking uncredentialed credit students must submit a case in writing, with supporting documentary evidence to explain how the outcomes of units have already been achieved through prior experience. All applications for exemption and credit must be directed to the Accreditation Officer.

External Study:

Not all required units in these majors are offered completely externally. Some are offered as intensive sessions on-campus or in Perth metropolitan schools.

External students must undertake their first curriculum-based Professional Experience unit (EDN3101) in a Perth metropolitan school and under the guidance of a Murdoch University Supervisor. Subject to satisfactory completion of this unit, students may arrange, in consultation with the Murdoch University School of Education Professional Experience Office, to complete their subsequent Professional Experience in a school other than in metropolitan Perth. Note: EDN112 is not included as a first Professional Experience unit for this purpose.

Course Structure - 120 credit points

It is recommended that students select their units in such a way that they develop a minor teaching area (Curriculum Minor) in addition to their major teaching area (Curriculum Major). Study undertaken for a Curriculum Minor should be equivalent to four units (12 points) in total, with no more than two units at first-year level (6 points).

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BED100 Ideas in Education - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal, S2-internal

Breadth Unit for Degree - 6 credit points

Education Units - 3 credit points

BED150 Understanding Teachers' Work - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

Drama Units - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 12 credit points

Education Units - 6 credit points

EDN111 Language for Learning and Teaching - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN113 Living and Learning with Technology - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

Drama Units - 6 credit points

EGL106 Drama, Theatre and Performance - 3 points
MURDOCH: S2-internal

EGL121 Turning Points in Literature - 3 points
MURDOCH: S1-internal, S1-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject

to individual unit prerequisites.

Students are advised to use their General Elective Units to develop their Curriculum Minor teaching area.

Part II - 96 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

Education Units - 3 credit points

BED200 Assessment and Action Research - 3 points
Not available this year

Core Units - 9 credit points

Education Units - 6 credit points

Part-time and external students should contact the Student Centre when creating their study plan, particularly as it is necessary for concurrent enrolment in the Professional Experience and Secondary Curriculum units.

EDN221 Learning and Teaching - 3 points

EDN2XX Professional Experience: BEd Secondary - 3 points

Drama Units - 3 credit points

EGL236 Performance and Creative Arts - 3 points
Not available this year

Specified Electives - 6 credit points

Drama Units - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

Drama Units - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 12 credit points

Education Units - 6 credit points

EDN3XX Professional Experience: BEd Secondary - 3 points
Students should enrol concurrently in this unit with their Curriculum Minor.

Students must select as a Curriculum Minor one of the following units which is different from their Curriculum Major area and for which they have the prerequisites (minimum of 12 points).

EDN3XX Drama and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX English and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Mathematics and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Media and the Curriculum (Minor) - 3 points

EDN3XX Second/Foreign Languages and the Curriculum (Minor) - 3 points

EDN3XX Science and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Society and Environment Curriculum (Secondary)

(Minor) - 3 points

Students may use some of their elective points to replace their Curriculum Minor with a second Curriculum Major, provided they have the required background. Please seek advice from the Academic Chair.

Students who do not have enough content background to select one of the above Curriculum Minors must substitute with one of the following units; this does not provide a student with a Curriculum Minor.

EDN2XX ICT in the Classroom - 3 points

EDN2XX Learning through the Arts - 3 points

Drama Units - 6 credit points

EGL349 Contemporary Theatre Practice - 3 points
Not available this year

EDN304 Engaging Communities through Drama - 3 points
Not available this year

Specified Electives - 3 credit points

Drama Units - 3 credit points

Select from the Specified Elective Unit List below.

General Electives - 3 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Year 4 - 24 credit points

Research Skills Units - 6 credit points

Education Units - 3 credit points

BED300 Schooling and Society - Research Skills - 3 points
Not available this year

Drama Units - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Core Units - 15 credit points

Education Units - 15 credit points

EDN353 Aboriginal Perspectives Across the Curriculum - 3 points
Not available this year

EDN332 Children, Families and Communities - 3 points
NA 2014

EDN4XX Adolescent Health and Development - 3 points

EDN4XX Professional Experience: BEd Secondary - 3 points
Students should enrol concurrently in this unit with their Curriculum Major.

EDN4XX Drama and the Curriculum (Secondary) (Major) - 3 points

General Electives - 3 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Year 5 - 24 credit points

Core Units - 24 credit points

Education Units - 24 credit points

Curriculum Major II and Curriculum Minor II extend the work begun in Curriculum Major I and Curriculum Minor I. Please note that these units are under review.

EDN465 Perspectives on Curriculum - 3 points
Not available this year

EDN458 Creating Effective Learning Environments - 3 points
Not available this year

Curriculum Major II - 3 points

Curriculum Minor II - 3 points

Note that enrolment in EDN4303 Professional Internship: Preliminary Secondary Teaching and EDN4XX Professional Internship: Secondary Teaching require that 40 days be spent in schools, so enrolling in other units is not possible.

EDN3XX Inclusive Education - 3 points

EDN4303 Professional Internship: Preliminary Secondary Teaching - 3 points
Not available this year

EDN4XX Professional Internship: Secondary Teaching - 6 points

Specified Elective Unit List

Drama Units

Select Specified Electives from the following units during Years 2 and 3, subject to individual unit prerequisites.

EGL239 Acting and Production I - 3 points
Not available this year

EGL347 Acting and Production II - 3 points
Not available this year

EGL240 Children's Theatre - 3 points
Not available this year

EGL242 Comparative Theatre - 3 points
Not available this year

EGL348 Shakespeare - 3 points
Not available this year

SECONDARY TEACHING (ARTS COMBINED ENGLISH) (BED+BA)

School of Education

Bachelor of Education (BEd) in Secondary Teaching + Bachelor of Arts (BA) in English and Creative Writing

Course Codes: B1328

Duration: 5 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external) (except for one school experience, depending on teaching area selected)

Restriction: Enrolment in this course is subject to restriction.

Secondary Teacher Education graduates are qualified to teach one or more learning areas at the secondary school level. For Secondary Teacher Education students the Bachelor degree studied concurrently with the Bachelor of Education should be relevant to one of the following learning areas in secondary schools: Drama; English; History; Languages other than English (LOTE): Japanese Languages other than English (LOTE): Indonesian Mathematics; Selected science degrees; Sport and Health Science; Advice about Murdoch majors suitable for each of these learning areas may be obtained from the Academic Student Advisor (BEd Secondary).

Professional Experience: There are 80 days of supervised teaching practice in this course.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

The WA Department of Education and cooperating non-government schools have the right to determine 'fit and proper persons' to enter and practice in schools. This means all students must obtain two criminal history checks.

The first is a current WA Department of Education Criminal Record check. The second is a Working with Children Check. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children.

The appropriate application forms are available from the Murdoch University School of Education Professional Experience office. The form for the first check is also available from the office's web site and the WA Department of Education web site. Federal and State police clearances obtained through police stations are not acceptable. Students should refer to the Study at Murdoch section of this Handbook for further details on this important matter.

It is important to understand that these two checks are mandatory and students are not permitted to enter schools without obtaining them.

For students with English as a second language the Western Australian College for Teaching requires an IELTS of 8 on graduation.

Employment Prospects:

A recent survey of all Murdoch teacher education graduates for the past decade showed that almost all were employed in teaching within a year of graduating. Murdoch graduates are employed in government and non-government schools and other education-related occupations.

Professional Recognition:

On completion of the Bachelor of Education, students have a widely accepted qualification from a recognised university and are eligible for graduate studies or employment in government and independent schools.

Excluded Majors:

Primary, 1-10 Health and Physical Education

Excluded Minors:

Education Studies

Main Research Areas:

Education, teaching

Exemptions/Credit and Professional Experience:

Students seeking exemptions must be able to provide documentary evidence in support of their application.

Students who have had at least two years of full-time recent relevant and satisfactory teaching experience in an Australian school context may seek partial exemption from the Professional Experience unit/s. Whilst Murdoch recognises that some students may have prior and/or current teaching experience, it requires that a student's classroom competence be assessed before exemptions from Professional Experience can be given.

Students who have been employed as a teacher and have had at least one year of full-time equivalent recent, relevant and satisfactory teaching experience in an Australian school context may seek exemption from EDN112 Understanding Teachers' Work.

Students cannot receive exemption from the Professional Internship: BEd Secondary but those who are currently employed in relevant teaching positions may seek permission to complete one

Professional Experience in their school. Students must contact the Murdoch University School of Education Professional Experience Office for advice.

If seeking uncredentialed credit students must submit a case in writing, with supporting documentary evidence to explain how the outcomes of units have already been achieved through prior experience. All applications for exemption and credit must be directed to the Accreditation Officer.

External Study:

Not all required units in these majors are offered completely externally. Some are offered as intensive sessions on-campus or in Perth metropolitan schools.

External students must undertake their first curriculum-based Professional Experience unit (EDN3101) in a Perth metropolitan school and under the guidance of a Murdoch University Supervisor. Subject to satisfactory completion of this unit, students may arrange, in consultation with the Murdoch University School Experience Office, to complete their subsequent Professional Experience in a school other than in metropolitan Perth. Note: EDN112 is not included as a first Professional Experience unit for this purpose.

Course Structure - 120 credit points

It is recommended that students select their units in such a way that they develop a minor teaching area (Curriculum Minor) in addition to their major teaching area (Curriculum Major). Study undertaken for a Curriculum Minor should be equivalent to four units (12 points) in total, with no more than two units at first-year level (6 points).

Part I - 24 credit points**Year 1 - 24 credit points****Transition Unit - 3 credit points**

BED100 Ideas in Education - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal, S2-internal

Breadth Unit for Degree - 6 credit points**Education Units - 3 credit points**

BED150 Understanding Teachers' Work - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

English Units - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 12 credit points**Education Units - 6 credit points**

EDN111 Language for Learning and Teaching - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN113 Living and Learning with Technology - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

English Units - 6 credit points

EGL121 Turning Points in Literature - 3 points
MURDOCH: S1-internal, S1-external

EGL122 Writing and Creativity - 3 points
MURDOCH: S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject

to individual unit prerequisites.

Students are advised to use their General Elective Units to develop their Curriculum Minor teaching area.

Part II - 96 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

Education Units - 3 credit points

BED200 Assessment and Action Research - 3 points
Not available this year

Core Units - 9 credit points

Education Units - 6 credit points

Part-time and external students should contact the Student Centre when creating their study plan, particularly as it is necessary for concurrent enrolment in the Professional Experience and Secondary Curriculum units.

EDN221 Learning and Teaching - 3 points

EDN2XX Professional Experience: BEd Secondary - 3 points

English Units - 3 credit points

EGL252 Great Books Past and Present 1 - 3 points
Not available this year

Specified Electives - 6 credit points

English Units - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Year 3 - 24 credit points

Research Skills Units - 3 credit points

English Units - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

Education Units - 6 credit points

EDN3XX Professional Experience: BEd Secondary - 3 points
Students should enrol concurrently in this unit with their Curriculum Minor.

Students must select as a Curriculum Minor one of the following units which is different from their Curriculum Major area and for which they have the prerequisites (minimum of 12 points).

EDN3XX Drama and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX English and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Mathematics and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Media and the Curriculum (Minor) - 3 points

EDN3XX Second/Foreign Languages and the Curriculum (Minor) - 3 points

EDN3XX Science and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Society and Environment Curriculum (Secondary)

(Minor) - 3 points

Students may use some of their elective points to replace their Curriculum Minor with a second Curriculum Major, provided they have the required background. Please seek advice from the Academic Chair.

Students who do not have enough content background to select one of the above Curriculum Minors must substitute with one of the following units; this does not provide a student with a Curriculum Minor.

EDN2XX ICT in the Classroom - 3 points

EDN2XX Learning through the Arts - 3 points

English Units - 3 credit points

EGL345 Great Books Past and Present 2 - 3 points
Not available this year

Specified Electives - 6 credit points

English Units - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 3 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Year 4 - 24 credit points

Research Skills Unit - 6 credit points

Education Units - 3 credit points

BED300 Schooling and Society - Research Skills - 3 points
Not available this year

English Units - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Core Units - 15 credit points

Education Units - 15 credit points

EDN353 Aboriginal Perspectives Across the Curriculum - 3 points
Not available this year

EDN332 Children, Families and Communities - 3 points
NA 2014

EDN4XX Adolescent Health and Development - 3 points

EDN4XX Professional Experience: BEd Secondary - 3 points
Students should enrol concurrently in this unit with their Curriculum Major.

EDN4XX English and the Curriculum (Secondary) (Major) - 3 points

General Electives - 3 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Year 5 - 24 credit points

Core Units - 24 credit points

Education Units - 24 credit points

Curriculum Major II and Curriculum Minor II extend the work begun in Curriculum Major I and Curriculum Minor I. Please note that these units are under review.

EDN465 Perspectives on Curriculum - 3 points
Not available this year

EDN458 Creating Effective Learning Environments - 3 points
Not available this year

Curriculum Major II - 3 points

Curriculum Minor II - 3 points

Note that enrolment in EDN4303 Professional Internship: Preliminary Secondary Teaching and EDN4XX Professional Internship: Secondary Teaching require that 40 days be spent in schools, so enrolling in other units is not possible.

EDN3XX Inclusive Education - 3 points

EDN4303 Professional Internship: Preliminary Secondary Teaching - 3 points
Not available this year

EDN4XX Professional Internship: Secondary Teaching - 6 points

Specified Elective Unit List**English Units**

Select Specified Electives from the following units during Years 2 and 3, subject to individual unit prerequisites.

EGL233 Telling True Stories - 3 points
Not available this year

EGL346 Literary Theory - 3 points
Not available this year

EGL230 Popular Literature and Science Fiction - 3 points
Not available this year

EGL235 Australian Literature and Film - 3 points
Not available this year

EGL344 Sonnet to Song: Understanding Poetry - 3 points
Not available this year

EGL343 Contemporary Fiction Writing - 3 points
Not available this year

EGL348 Shakespeare - 3 points
Not available this year

SECONDARY TEACHING (ARTS COMBINED HISTORY) (BED+BA)

School of Education

Bachelor of Education (BE) in Secondary Education + Bachelor of Arts (BA) in History

Course Codes: B1328

Duration: 5 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external) (except for one school experience, depending on teaching area selected)

Restriction: Enrolment in this course is subject to restriction.

Secondary Teacher Education graduates are qualified to teach one or more learning areas at the secondary school level. For Secondary Teacher Education students the Bachelor degree studied concurrently with the Bachelor of Education should be relevant to one of the following learning areas in secondary schools:

Drama;
English;
History;
Languages other than English (LOTE): Japanese
Languages other than English (LOTE): Indonesian
Mathematics;
Selected science degrees;
Sport and Health Science;

Advice about Murdoch majors suitable for each of these learning areas may be obtained from the Academic Student Advisor (BE Secondary).

Professional Experience: There are 80 days of supervised teaching practice in this course.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

The WA Department of Education and cooperating non-government schools have the right to determine 'fit and proper persons' to enter and practice in schools. This means all students must obtain two criminal history checks.

The first is a current WA Department of Education Criminal Record check. The second is a Working with Children Check. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children.

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It is important to understand that these two checks are mandatory and students are not permitted to enter schools without obtaining them.

For students with English as a second language the Western Australian College for Teaching requires an IELTS of 8 on graduation.

Employment Prospects:

A recent survey of all Murdoch teacher education graduates for the past decade showed that almost all were employed in teaching within a year of graduating. Murdoch graduates are employed in government and non-government schools and other education-related occupations.

Professional Recognition:

On completion of the Bachelor of Education, students have a widely accepted qualification from a recognised university and are eligible for graduate studies or employment in government and independent schools.

Excluded Majors:

Primary, 1-10 Health and Physical Education

Excluded Minors:

Education Studies

Main Research Areas:

Education, teaching

Exemptions/Credit and Professional Experience:

Students seeking exemptions must be able to provide documentary evidence in support of their application.

Students who have had at least two years of full-time recent relevant and satisfactory teaching experience in an Australian school context may seek partial exemption from the Professional Experience unit/s. Whilst Murdoch recognises that some students may have prior and/or current teaching experience, it requires that a student's classroom competence be assessed before exemptions from Professional Experience can be given.

Students who have been employed as a teacher and have had at least one year of full-time equivalent recent, relevant and satisfactory teaching experience in an Australian school context may seek exemption from EDN112 Understanding Teachers' Work.

Students cannot receive exemption from the Professional Internship: BEd Secondary but those who are currently employed in relevant teaching positions may seek permission to complete one Professional Experience in their school. Students must contact the Murdoch University School of Education Professional Experience Office for advice.

If seeking uncredentialed credit students must submit a case in writing, with supporting documentary evidence to explain how the outcomes of units have already been achieved through prior experience. All applications for exemption and credit must be directed to the Accreditation Officer.

External Study:

Not all required units in these majors are offered completely externally. Some are offered as intensive sessions on-campus or in Perth metropolitan schools.

External students must undertake their first curriculum-based Professional Experience unit (EDN3101) in a Perth metropolitan school and under the guidance of a Murdoch University Supervisor. Subject to satisfactory completion of this unit, students may arrange, in consultation with the Murdoch University School of Education Professional Experience Office, to complete their subsequent Professional Experience in a school other than in metropolitan Perth. Note: EDN112 is not included as a first Professional Experience unit for this purpose.

Course Structure - 120 credit points

It is recommended that students select their units in such a way that they develop a minor teaching area (Curriculum Minor) in addition to their major teaching area (Curriculum Major). Study undertaken for a Curriculum Minor should be equivalent to four units (12 points) in total, with no more than two units at first-year level (6 points).

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BED100 Ideas in Education - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal, S2-internal

Breadth Unit for Degree - 6 credit points

Education Units - 3 credit points

BED150 Understanding Teachers' Work - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

History Units - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 12 credit points

Education Units - 6 credit points

EDN111 Language for Learning and Teaching - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN113 Living and Learning with Technology - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

History Units - 6 credit points

HIS181 Introduction to History - 3 points
MURDOCH: S1-internal, S1-external

HIS182 Making of the Modern World - 3 points
MURDOCH: S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Students are advised to use their General Elective Units to develop their Curriculum Minor teaching area.

Part II - 96 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

Education Units - 3 credit points

BED200 Assessment and Action Research - 3 points
Not available this year

Core Units - 9 credit points

Education Units - 6 credit points

Part-time and external students should contact the Student Centre when creating their study plan, particularly as it is necessary for concurrent enrolment in the Professional Experience and Secondary Curriculum units.

EDN221 Learning and Teaching - 3 points

EDN2XX Professional Experience: BEd Secondary - 3 points

History Units - 3 credit points

HIS200 History, Society and Culture - 3 points

Specified Electives - 6 credit points

History Units - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

History Units - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points

Core Units - 9 credit points

Education Units - 6 credit points

EDN3XX Professional Experience: BEd Secondary - 3 points
Students should enrol concurrently in this unit with their Curriculum Minor.

Students must select as a Curriculum Minor one of the following units which is different from their Curriculum Major area and for which they have the prerequisites (minimum of 12 points).

EDN3XX Drama and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX English and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Mathematics and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Media and the Curriculum (Minor) - 3 points

EDN3XX Second/Foreign Languages and the Curriculum (Minor) - 3 points

EDN3XX Science and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Society and Environment Curriculum (Secondary)

(Minor) - 3 points

Students may use some of their elective points to replace their Curriculum Minor with a second Curriculum Major, provided they have the required background. Please seek advice from the Academic Chair.

Students who do not have enough content background to select one of the above Curriculum Minors must substitute with one of the following units; this does not provide a student with a Curriculum Minor.

EDN2XX ICT in the Classroom - 3 points

EDN2XX Learning through the Arts - 3 points

History Units - 3 credit points

HIS300 Creating History - 3 points

Specified Electives - 6 credit points

History Units - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 3 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Year 4 - 24 credit points

Research Skills Units - 6 credit points

Education Units - 3 credit points

BED300 Schooling and Society - Research Skills - 3 points

History Units - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points

Core Units - 15 credit points

Education Units - 15 credit points

EDN353 Aboriginal Perspectives Across the Curriculum - 3 points

EDN332 Children, Families and Communities - 3 points
NA 2014

EDN4XX Adolescent Health and Development - 3 points

EDN4XX Professional Experience: BEd Secondary - 3 points
Students should enrol concurrently in this unit with their Curriculum Major.

EDN4XX Society and Environment Curriculum (Secondary) (Major) - 3 points

General Electives - 3 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Year 5 - 24 credit points

Core Units - 24 credit points

Education Units - 24 credit points

Curriculum Major II and Curriculum Minor II extend the work begun in Curriculum Major I and Curriculum Minor I. Please note that these units are under review.

EDN465 Perspectives on Curriculum - 3 points
Not available this year

EDN458 Creating Effective Learning Environments - 3 points

Curriculum Major II - 3 points

Curriculum Minor II - 3 points

Students should note that enrolment in EDN4303 Professional Internship: Preliminary Secondary Teaching and EDN4XX Professional Internship: Secondary Teaching require that 40 days be spent in schools, so enrolling in other units is not possible.

EDN3XX Inclusive Education - 3 points

EDN4303 Professional Internship: Preliminary Secondary Teaching - 3 points

EDN4XX Professional Internship: Secondary Teaching - 6 points

Specified Elective Unit List

History Units

Select Specified Electives from the following units during Years 2 and 3, subject to individual unit prerequisites. Units will normally be available at least once every two years.

In addition, Special Topics are available from time to time and may be used as a Specified Elective. Students should consult the Academic Chair to confirm the offering in any particular year.

HIS250 Hollywood and History - 3 points

HIS252 Witchcraft: Historical Images of Women - 3 points

HIS302 Australia and its Asian Context - 3 points

HIS324 Rebirth of Europe 1945-2001 - 3 points

HIS259 Europe Under the Dictators - 3 points

HIS310 Modern Japanese History - 3 points

HIS258 Soldiers and Civilians: War in the Pacific 1941-1945 - 3 points

HIS256 Earth, Fire, Wind and Water: Australian Environmental History - 3 points

SECONDARY TEACHING (ARTS COMBINED LANGUAGES OTHER THAN ENGLISH (INDONESIAN)) (BED+BA)

School of Education

Bachelor of Education (BEd) in Secondary Education + Bachelor of Arts (BA) in Indonesian

Course Codes: B1328

Duration: 5 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external) (except for one school experience, depending on teaching area selected)

Restriction: Enrolment in this course is subject to restriction.

Secondary Teacher Education graduates are qualified to teach one or more learning areas at the secondary school level. For Secondary Teacher Education students the Bachelor degree studied concurrently with the Bachelor of Education should be relevant to one of the following learning areas in secondary schools:

Drama;

English;

History;

Languages other than English (LOTE): Japanese

Languages other than English (LOTE): Indonesian

Mathematics;

Selected science degrees;

Sport and Health Science;

Advice about Murdoch majors suitable for each of these learning areas may be obtained from the Academic Student Advisor (BEd Secondary).

Professional Experience: There are 80 days of supervised teaching practice in this course.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

The WA Department of Education and cooperating non-government schools have the right to determine 'fit and proper persons' to enter and practice in schools. This means all students must obtain two criminal history checks.

The first is a current WA Department of Education Criminal Record check. The second is a Working with Children Check. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children.

The appropriate application forms are available from the Murdoch University School of Education Professional Experience office. The form for the first check is also available from the office's website and the WA Department of Education website. Federal and State police clearances obtained through police stations are not acceptable. Students should refer to the Study at Murdoch section of this Handbook for further details on this important matter.

It is important to understand that these two checks are mandatory and students are not permitted to enter schools without obtaining them.

For students with English as a second language the Western Australian College for Teaching requires an IELTS of 8 on graduation.

Employment Prospects:

A recent survey of all Murdoch teacher education graduates for the past decade showed that almost all were employed in teaching within a year of graduating. Murdoch graduates are employed in government and non-government schools and other education-related occupations.

Professional Recognition:

On completion of the Bachelor of Education, students have a widely accepted qualification from a recognised university and are eligible for graduate studies or employment in government and independent schools.

Excluded Majors:

Primary, 1-10 Health and Physical Education

Excluded Minors:

Education Studies

Main Research Areas:

Education, teaching

Exemptions/Credit and Professional Experience:

Students seeking exemptions must be able to provide documentary evidence in support of their application.

Students who have had at least two years of full-time recent relevant and satisfactory teaching experience in an Australian school context may seek partial exemption from the Professional Experience unit/s. Whilst Murdoch recognises that some students may have prior and/or current teaching experience, it requires that a student's classroom competence be assessed before exemptions from Professional Experience can be given.

Students who have been employed as a teacher and have had at least one year of full-time equivalent recent, relevant and satisfactory teaching experience in an Australian school context may seek exemption from EDN112 Understanding Teachers' Work.

Students cannot receive exemption from the Professional Internship: BEd Secondary but those who are currently employed in relevant teaching positions may seek permission to complete one

Professional Experience in their school. Students must contact the Murdoch University School of Education Professional Experience Office for advice.

If seeking uncredentialed credit students must submit a case in writing, with supporting documentary evidence to explain how the outcomes of units have already been achieved through prior experience. All applications for exemption and credit must be directed to the Accreditation Officer.

External Study:

Not all required units in these majors are offered completely externally. Some are offered as intensive sessions on-campus or in Perth metropolitan schools.

External students must undertake their first curriculum-based Professional Experience unit (EDN3101) in a Perth metropolitan school and under the guidance of a Murdoch University Supervisor. Subject to satisfactory completion of this unit, students may arrange, in consultation with the Murdoch University School of Education Professional Experience Office, to complete their subsequent Professional Experience in a school other than in metropolitan Perth. Note: EDN112 is not included as a first Professional Experience unit for this purpose.

Course Structure - 120 credit points

It is recommended that students select their units in such a way that they develop a minor teaching area (Curriculum Minor) in addition to their major teaching area (Curriculum Major). Study undertaken for a Curriculum Minor should be equivalent to four units (12 points) in total, with no more than two units at first-year level (6 points).

Part I - 24 credit points**Year 1 - 24 credit points****Transition Unit - 3 credit points**

BED100 Ideas in Education - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal, S2-internal

Breadth Unit for Degree - 6 credit points**Education Units - 3 credit points**

BED150 Understanding Teachers' Work - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

Arts Units - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 15 credit points**Education Units - 6 credit points**

EDN111 Language for Learning and Teaching - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN113 Living and Learning with Technology - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

Indonesian Units - 9 credit points

IND101 Indonesian 1 - 3 points
MURDOCH: S1-internal, S1-external

IND102 Indonesian 2 - 3 points
MURDOCH: S2-internal, S2-external

AST102 Asian Centuries - 3 points
MURDOCH: S1-internal, S1-external

Part II - 96 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points****Education Units - 3 credit points**

BED200 Assessment and Action Research - 3 points
Not available this year

Core Units - 15 credit points**Education Units - 6 credit points**

Part-time and external students should contact the Student Centre when creating their study plan, particularly as it is necessary for concurrent enrolment in the Professional Experience and Secondary Curriculum units.

EDN221 Learning and Teaching - 3 points

EDN2XX Professional Experience: BEd Secondary - 3 points

Indonesian Units - 9 credit points

IND201 Indonesian 3 - 3 points
Not available this year

IND202 Indonesian 4 - 3 points
Not available this year

IND203 Indonesian 5 - 3 points
Not available this year

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Students are advised to use their General Elective Units to develop their Curriculum Minor teaching area.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points****Arts Units - 3 credit points**

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 18 credit points**Education Units - 9 credit points**

EDN332 Children, Families and Communities - 3 points
NA 2014

EDN3XX Professional Experience: BEd Secondary - 3 points
Students should enrol concurrently in this unit with their Curriculum Minor.

Students must select as a Curriculum Minor one of the following units which is different from their Curriculum Major area and for which they have the prerequisites (minimum of 12 points).

EDN3XX Drama and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX English and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Mathematics and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Media and the Curriculum (Minor) - 3 points

EDN3XX Second/Foreign Languages and the Curriculum (Minor) - 3 points

EDN3XX Science and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Society and Environment Curriculum (Secondary) (Minor) - 3 points

Students may use some of their elective points to replace their Curriculum Minor with a second Curriculum Major, provided they have the required background. Please seek advice from the Academic Chair.

Students who do not have enough content background to select one of the above Curriculum Minors must substitute with one of the following units; this does not provide a student with a Curriculum Minor.

EDN2XX ICT in the Classroom - 3 points

EDN2XX Learning through the Arts - 3 points

Indonesian Units - 9 credit points

IND301 Indonesian 6 - 3 points
Not available this year

IND302 Indonesian 7 - 3 points
Not available this year

IND371 Media, Culture and Politics in Indonesia - 3 points
Not available this year

Year 4 - 24 credit points**Research Skills Units - 6 credit points****Education Units - 3 credit points**

BED300 Schooling and Society - Research Skills - 3 points
Not available this year

Arts Units - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Core Units - 12 credit points**Education Units - 12 credit points**

EDN353 Aboriginal Perspectives Across the Curriculum - 3 points
Not available this year

EDN4XX Adolescent Health and Development - 3 points

EDN4XX Professional Experience: BEd Secondary - 3 points
Students should enrol concurrently in this unit with their Curriculum Major.

EDN4XX Second/Foreign Languages and the Curriculum (Major) - 3 points

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Year 5 - 24 credit points**Core Units - 24 credit points****Education Units - 24 credit points**

Curriculum Major II and Curriculum Minor II extend the work begun in Curriculum Major I and Curriculum Minor I. Please note that these units are under review.

EDN465 Perspectives on Curriculum - 3 points
Not available this year

EDN458 Creating Effective Learning Environments - 3 points
Not available this year

Curriculum Major II - 3 points

Curriculum Minor II - 3 points

Note that enrolment in EDN4303 Professional Internship: Preliminary Secondary Teaching and EDN4XX Professional Internship: Secondary Teaching require that 40 days be spent in

schools, so enrolling in other units is not possible.

EDN3XX Inclusive Education - 3 points

EDN4303 Professional Internship: Preliminary Secondary Teaching - 3 points
Not available this year

EDN4XX Professional Internship: Secondary Teaching - 6 points

SECONDARY TEACHING (ARTS COMBINED LANGUAGES OTHER THAN ENGLISH (JAPANESE)) (BED+BA)

School of Education

Bachelor of Education (BEd) in Secondary Education + Bachelor of Arts (BA) in Japanese

Course Codes: B1328

Duration: 5 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external) (except for one school experience, depending on teaching area selected)

Restriction: Enrolment in this course is subject to restriction.

Secondary Teacher Education graduates are qualified to teach one or more learning areas at the secondary school level. For Secondary Teacher Education students the Bachelor degree studied concurrently with the Bachelor of Education should be relevant to one of the following learning areas in secondary schools:

Drama;

English;

History;

Languages other than English (LOTE): Japanese

Languages other than English (LOTE): Indonesian

Mathematics;

Selected science degrees;

Sport and Health Science;

Advice about Murdoch majors suitable for each of these learning areas may be obtained from the Academic Student Advisor (BEd Secondary).

Professional Experience: There are 80 days of supervised teaching practice in this course.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

The WA Department of Education and cooperating non-government schools have the right to determine 'fit and proper persons' to enter and practice in schools. This means all students must obtain two criminal history checks.

The first is a current WA Department of Education Criminal Record check. The second is a Working with Children Check. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children.

The appropriate application forms are available from the Murdoch University School of Education Professional Experience office. The form for the first check is also available from the office's website and the WA Department of Education website. Federal and State police clearances obtained through police stations are not acceptable. Students should refer to the Study at Murdoch section of this Handbook for further details on this important matter.

It is important to understand that these two checks are mandatory and students are not permitted to enter schools without obtaining them.

For students with English as a second language the Western Australian College for Teaching requires an IELTS of 8 on graduation.

Employment Prospects:

A recent survey of all Murdoch teacher education graduates for the past decade showed that almost all were employed in teaching within a year of graduating. Murdoch graduates are employed in government and non-government schools and other education-related occupations.

Professional Recognition:

On completion of the Bachelor of Education, students have a widely accepted qualification from a recognised university and are eligible for graduate studies or employment in government and independent schools.

Excluded Majors:

Primary, 1-10 Health and Physical Education

Excluded Minors:

Education Studies

Main Research Areas:

Education, teaching

Exemptions/Credit and Professional Experience:

Students seeking exemptions must be able to provide documentary evidence in support of their application.

Students who have had at least two years of full-time recent relevant and satisfactory teaching experience in an Australian school context may seek partial exemption from the Professional Experience unit/s. Whilst Murdoch recognises that some students may have prior and/or current teaching experience, it requires that a student's classroom competence be assessed before exemptions from Professional Experience can be given.

Students who have been employed as a teacher and have had at least one year of full-time equivalent recent, relevant and satisfactory teaching experience in an Australian school context may seek exemption from EDN112 Understanding Teachers' Work.

Students cannot receive exemption from the Professional Internship: BEd Secondary but those who are currently employed in relevant teaching positions may seek permission to complete one Professional Experience in their school. Students must contact the Murdoch University School of Education Professional Experience Office for advice.

If seeking uncredentialed credit students must submit a case in writing, with supporting documentary evidence to explain how the outcomes of units have already been achieved through prior experience. All applications for exemption and credit must be directed to the Accreditation Officer.

External Study:

Not all required units in these majors are offered completely externally. Some are offered as intensive sessions on-campus or in Perth metropolitan schools.

External students must undertake their first curriculum-based Professional Experience unit (EDN3101) in a Perth metropolitan school and under the guidance of a Murdoch University Supervisor. Subject to satisfactory completion of this unit, students may arrange, in consultation with the Murdoch University School of Education Professional Experience Office, to complete their subsequent Professional Experience in a school other than in metropolitan Perth. Note: EDN112 is not included as a first

Professional Experience unit for this purpose.

Course Structure - 120 credit points

It is recommended that students select their units in such a way that they develop a minor teaching area (Curriculum Minor) in addition to their major teaching area (Curriculum Major). Study undertaken for a Curriculum Minor should be equivalent to four units (12 points) in total, with no more than two units at first-year level (6 points).

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BED100 Ideas in Education - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal, S2-internal

Breadth Unit for Degree - 6 credit points

Education Units - 3 credit points

BED150 Understanding Teachers' Work - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

Arts Units - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 15 credit points

Education Units - 6 credit points

EDN111 Language for Learning and Teaching - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN113 Living and Learning with Technology - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

Japanese Units - 9 credit points

JPN101 Japanese 1 - 3 points
MURDOCH: S1-internal

JPN102 Japanese 2 - 3 points
MURDOCH: S2-internal

AST102 Asian Centuries - 3 points
MURDOCH: S1-internal, S1-external

Part II - 96 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

Education Units - 3 credit points

BED200 Assessment and Action Research - 3 points
Not available this year

Core Units - 15 credit points

Education Units - 6 credit points

Part-time and external students should contact the Student Centre when creating their study plan, particularly as it is necessary for concurrent enrolment in the Professional Experience and Secondary Curriculum units.

EDN221 Learning and Teaching - 3 points

EDN2XX Professional Experience: BEd Secondary - 3 points

Japanese Units - 9 credit points

JPN201 Japanese 3 - 3 points
Not available this year

JPN202 Japanese 4 - 3 points

Not available this year

JPN203 Japanese 5 - 3 points

Not available this year

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Students are advised to use their General Elective Units to develop their Curriculum Minor teaching area.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

Arts Units - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 18 credit points

Education Units - 9 credit points

EDN332 Children, Families and Communities - 3 points
NA 2014

EDN3XX Professional Experience: BEd Secondary - 3 points
Students should enrol concurrently in this unit with their Curriculum Minor.

Students must select as a Curriculum Minor one of the following units which is different from their Curriculum Major area and for which they have the prerequisites (minimum of 12 points).

EDN3XX Drama and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX English and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Mathematics and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Media and the Curriculum (Minor) - 3 points

EDN3XX Second/Foreign Languages and the Curriculum (Minor) - 3 points

EDN3XX Science and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Society and Environment Curriculum (Secondary) (Minor) - 3 points

Students may use some of their elective points to replace their Curriculum Minor with a second Curriculum Major, provided they have the required background. Please seek advice from the Academic Chair.

Students who do not have enough content background to select one of the above Curriculum Minors must substitute with one of the following units; this does not provide a student with a Curriculum Minor.

EDN2XX ICT in the Classroom - 3 points

EDN2XX Learning through the Arts - 3 points

Japanese Units - 9 credit points

JPN301 Japanese 6 - 3 points
Not available this year

JPN302 Japanese 7 - 3 points
Not available this year

JPN303 Japanese 8 - 3 points

Not available this year

Year 4 - 24 credit points

Research Skills Units - 6 credit points

Education Units - 3 credit points

BED300 Schooling and Society - Research Skills - 3 points
Not available this year

Arts Units - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Core Units - 12 credit points

Education Units - 12 credit points

EDN353 Aboriginal Perspectives Across the Curriculum - 3 points
Not available this year

EDN4XX Adolescent Health and Development - 3 points

EDN4XX Professional Experience: BEd Secondary - 3 points
Students should enrol concurrently in this unit with their Curriculum Major.

EDN4XX Second/Foreign Languages and the Curriculum (Major) - 3 points

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Year 5 - 24 credit points

Core Units - 24 credit points

Education Units - 24 credit points

Curriculum Major II and Curriculum Minor II extend the work begun in Curriculum Major I and Curriculum Minor I. Please note that these units are under review.

EDN465 Perspectives on Curriculum - 3 points
Not available this year

EDN458 Creating Effective Learning Environments - 3 points
Not available this year

Curriculum Major II - 3 points

Curriculum Minor II - 3 points

Note that enrolment in EDN4303 Professional Internship: Preliminary Secondary Teaching and EDN4XX Professional Internship: Secondary Teaching require that 40 days be spent in schools, so enrolling in other units is not possible.

EDN3XX Inclusive Education - 3 points

EDN4303 Professional Internship: Preliminary Secondary Teaching - 3 points
Not available this year

EDN4XX Professional Internship: Secondary Teaching - 6 points

SECONDARY TEACHING (COMBINED SCIENCE DEGREES) (BED+BSC)

School of Education

Bachelor of Education (BEd) in Secondary Education + Bachelor of Science (BSc)

Course Codes: B1329

Duration: 5 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external) (except for one school experience,

depending on teaching area selected)

Restriction: Enrolment in this course is subject to restriction.

Secondary Teacher Education graduates are qualified to teach one or more learning areas at the secondary school level. For Secondary Teacher Education students the Bachelor degree studied concurrently with the Bachelor of Education should be relevant to one of the following learning areas in secondary schools:
Drama;
English;
History;
Languages other than English (LOTE): Japanese
Languages other than English (LOTE): Indonesian
Mathematics;
Selected science degrees;
Sport and Health Science;
Advice about Murdoch majors suitable for each of these learning areas may be obtained from the Academic Student Advisor (BEd Secondary).

Professional Experience: There are 80 days of supervised teaching practice in this course.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

The WA Department of Education and cooperating non-government schools have the right to determine 'fit and proper persons' to enter and practice in schools. This means all students must obtain two criminal history checks.

The first is a current WA Department of Education Criminal Record check. The second is a Working with Children Check. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children.

The appropriate application forms are available from the Murdoch University School of Education Professional Experience office. The form for the first check is also available from the office's website and the WA Department of Education website. Federal and State police clearances obtained through police stations are not acceptable. Students should refer to the Study at Murdoch section of this Handbook for further details on this important matter.

It is important to understand that these two checks are mandatory and students are not permitted to enter schools without obtaining them.

For students with English as a second language the Western Australian College for Teaching requires an IELTS of 8 on graduation.

Employment Prospects:

A recent survey of all Murdoch teacher education graduates for the past decade showed that almost all were employed in teaching within a year of graduating. Murdoch graduates are employed in government and non-government schools and other education-related occupations.

Professional Recognition:

On completion of the Bachelor of Education, students have a widely accepted qualification from a recognised university and are eligible for graduate studies or employment in government and independent schools.

Excluded Majors:

Primary, 1-10 Health and Physical Education

Excluded Minors:

Education Studies

Main Research Areas:

Education, teaching

Exemptions/Credit and Professional Experience:

Students seeking exemptions must be able to provide documentary evidence in support of their application.

Students who have had at least two years of full-time recent relevant and satisfactory teaching experience in an Australian school context may seek partial exemption from the Professional Experience unit/s. Whilst Murdoch recognises that some students may have prior and/or current teaching experience, it requires that a student's classroom competence be assessed before exemptions from Professional Experience can be given.

Students who have been employed as a teacher and have had at least one year of full-time equivalent recent, relevant and satisfactory teaching experience in an Australian school context may seek exemption from EDN112 Understanding Teachers' Work.

Students cannot receive exemption from the Professional Internship: BEd Secondary but those who are currently employed in relevant teaching positions may seek permission to complete one Professional Experience in their school. Students must contact the Murdoch University School of Education Professional Experience Office for advice.

If seeking uncredentialed credit students must submit a case in writing, with supporting documentary evidence to explain how the outcomes of units have already been achieved through prior experience. All applications for exemption and credit must be directed to the Accreditation Officer.

External Study:

Not all required units in these majors are offered completely externally. Some are offered as intensive sessions on-campus or in Perth metropolitan schools.

External students must undertake their first curriculum-based Professional Experience unit (EDN3101) in a Perth metropolitan school and under the guidance of a Murdoch University Supervisor. Subject to satisfactory completion of this unit, students may arrange, in consultation with the Murdoch University School of Education Professional Experience Office, to complete their subsequent Professional Experience in a school other than in metropolitan Perth. Note: EDN112 is not included as a first Professional Experience unit for this purpose.

Course Structure - 120 credit points

It is recommended that students select their units in such a way that they develop a minor teaching area (Curriculum Minor) in addition to their major teaching area (Curriculum Major). Study undertaken for a Curriculum Minor should be equivalent to four units (12 points) in total, with no more than two units at first-year level (6 points).

Choose one of the following Science majors for the Curriculum Major teaching area:

Biological Sciences
Biomedical Science
Chemistry
Environmental Science
Forensic Biology and Toxicology
Marine Science
Mineral Science
Molecular Biology
Physics and Nanotechnology

Part I - 24 credit points**Year 1 - 24 credit points****Transition Unit - 3 credit points**

BED100 Ideas in Education - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal, S2-internal

Breadth Unit for Degree - 6 credit points**Education Units - 3 credit points**

BED150 Understanding Teachers' Work - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

Science Units - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points**Education Units - 6 credit points**

EDN111 Language for Learning and Teaching - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN113 Living and Learning with Technology - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

Select 100-level Core Units from the chosen Science major.

Part II - 96 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points****Education Units - 3 credit points**

BED200 Assessment and Action Research - 3 points
Not available this year

Core Units - 15 credit points**Education Units - 6 credit points**

Part-time and external students should contact the Student Centre when creating their study plan, particularly as it is necessary for concurrent enrolment in the Professional Experience and Secondary Curriculum units.

EDN221 Learning and Teaching - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN2XX Professional Experience: BEd Secondary - 3 points

Science Units - 9 credit points

Select 200-level Core Units from the chosen Science major.

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Students are advised to use their General Elective Units to develop their Curriculum Minor teaching area.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points****Science Units - 3 credit points**

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 15 credit points**Education Units - 6 credit points**

EDN3XX Professional Experience: BEd Secondary - 3 points
Students should enrol concurrently in this unit with their Curriculum Minor.

Students must select as a Curriculum Minor one of the following units which is different from their Curriculum Major area and for which they have the prerequisites (minimum of 12 points).

EDN3XX Drama and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX English and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Mathematics and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Media and the Curriculum (Minor) - 3 points

EDN3XX Second/Foreign Languages and the Curriculum (Minor) - 3 points

EDN3XX Science and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Society and Environment Curriculum (Secondary) (Minor) - 3 points

Students may use some of their elective points to replace their Curriculum Minor with a second Curriculum Major, provided they have the required background. Please seek advice from the Academic Chair.

Students who do not have enough content background to select one of the above Curriculum Minors must substitute with one of the following units; this does not provide a student with a Curriculum Minor.

EDN2XX ICT in the Classroom - 3 points

EDN2XX Learning through the Arts - 3 points

Science Units - 9 credit points

Select 300-level Core Units from the chosen Science major.

General Electives - 3 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Year 4 - 24 credit points**Research Skills Units - 6 credit points****Education Units - 3 credit points**

BED300 Schooling and Society - Research Skills - 3 points
Not available this year

Science Units - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Core Units - 15 credit points**Education Units - 15 credit points**

EDN353 Aboriginal Perspectives Across the Curriculum - 3 points
Not available this year

EDN332 Children, Families and Communities - 3 points
NA 2014

EDN4XX Adolescent Health and Development - 3 points

EDN4XX Professional Experience: BEd Secondary - 3 points
Students should enrol concurrently in this unit with their Curriculum Major.

EDN4XX Science and the Curriculum (Secondary) (Major) - 3 points

General Electives - 3 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Year 5 - 24 credit points**Core Units - 24 credit points****Education Units - 24 credit points**

Curriculum Major II and Curriculum Minor II extend the work begun in Curriculum Major I and Curriculum Minor I. Please note that these units are under review.

EDN465 Perspectives on Curriculum - 3 points
Not available this year

EDN458 Creating Effective Learning Environments - 3 points
Not available this year

Curriculum Major II: Select one unit from the following Curriculum Major units - 3 points

EDN4XX Drama and the Curriculum (Secondary) (Major) - 3 points

EDN4XX English and the Curriculum (Secondary) (Major) - 3 points

EDN4XX Mathematics and the Curriculum (Secondary) (Major) - 3 points

EDN4XX Media and the Curriculum (Major) - 3 points

EDN4XX Science and the Curriculum (Secondary) (Major) - 3 points

EDN4XX Second/Foreign Languages and the Curriculum (Major) - 3 points

EDN4XX Society and Environment Curriculum (Secondary) (Major) - 3 points

Curriculum Minor II: Select one unit from the Curriculum Minor units listed above - 3 points

Note that enrolment in EDN4303 Professional Internship: Preliminary Secondary Teaching

and EDN4XX Professional Internship: Secondary Teaching require that 40 days be spent in schools, so enrolling in other units is not possible.

EDN3XX Inclusive Education - 3 points

EDN4303 Professional Internship: Preliminary Secondary Teaching - 3 points
Not available this year

EDN4XX Professional Internship: Secondary Teaching - 6 points

SECONDARY TEACHING (SCIENCE COMBINED MATHEMATICS) (BED+BSC)

School of Education

Bachelor of Education (BEd) in Secondary Education + Bachelor of Science (BSc) in Mathematics and Statistics

Course Codes: B1329

Duration: 5 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external) (except for one school experience, depending on teaching area selected)

Restriction: Enrolment in this course is subject to restriction.

Secondary Teacher Education graduates are qualified to teach one or more learning areas at the secondary school level. For Secondary

Teacher Education students the Bachelor degree studied concurrently with the Bachelor of Education should be relevant to one of the following learning areas in secondary schools:

Drama;
English;
History;
Languages other than English (LOTE): Japanese
Languages other than English (LOTE): Indonesian
Mathematics;
Selected science degrees;
Sport and Health Science;
Advice about Murdoch majors suitable for each of these learning areas may be obtained from the Academic Student Advisor (BED Secondary).

Professional Experience: There are 80 days of supervised teaching practice in this course.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

The WA Department of Education and cooperating non-government schools have the right to determine 'fit and proper persons' to enter and practice in schools. This means all students must obtain two criminal history checks.

The first is a current WA Department of Education Criminal Record check. The second is a Working with Children Check. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children.

The appropriate application forms are available from the Murdoch University School of Education Professional Experience office. The form for the first check is also available from the office's website and the WA Department of Education website. Federal and State police clearances obtained through police stations are not acceptable. Students should refer to the Study at Murdoch section of this Handbook for further details on this important matter.

It is important to understand that these two checks are mandatory and students are not permitted to enter schools without obtaining them.

For students with English as a second language the Western Australian College for Teaching requires an IELTS of 8 on graduation.

Employment Prospects:

A recent survey of all Murdoch teacher education graduates for the past decade showed that almost all were employed in teaching within a year of graduating. Murdoch graduates are employed in government and non-government schools and other education-related occupations.

Professional Recognition:

On completion of the Bachelor of Education, students have a widely accepted qualification from a recognised university and are eligible for graduate studies or employment in government and independent schools.

Excluded Majors:

Primary, 1-10 Health and Physical Education

Excluded Minors:

Education Studies

Main Research Areas:

Education, teaching

Exemptions/Credit and Professional Experience:

Students seeking exemptions must be able to provide documentary evidence in support of their application.

Students who have had at least two years of full-time recent relevant and satisfactory teaching experience in an Australian school context may seek partial exemption from the Professional Experience unit/s. Whilst Murdoch recognises that some students may have prior and/or current teaching experience, it requires that a student's classroom competence be assessed before exemptions from Professional Experience can be given.

Students who have been employed as a teacher and have had at least one year of full-time equivalent recent, relevant and satisfactory teaching experience in an Australian school context may seek exemption from EDN112 Understanding Teachers' Work.

Students cannot receive exemption from the Professional Internship: BEd Secondary but those who are currently employed in relevant teaching positions may seek permission to complete one Professional Experience in their school. Students must contact the Murdoch University School of Education Professional Experience Office for advice.

If seeking uncredentialed credit students must submit a case in writing, with supporting documentary evidence to explain how the outcomes of units have already been achieved through prior experience. All applications for exemption and credit must be directed to the Accreditation Officer.

External Study:

Not all required units in these majors are offered completely externally. Some are offered as intensive sessions on-campus or in Perth metropolitan schools.

External students must undertake their first curriculum-based Professional Experience unit (EDN3101) in a Perth metropolitan school and under the guidance of a Murdoch University Supervisor. Subject to satisfactory completion of this unit, students may arrange, in consultation with the Murdoch University School of Education Professional Experience Office, to complete their subsequent Professional Experience in a school other than in metropolitan Perth. Note: EDN112 is not included as a first Professional Experience unit for this purpose.

Course Structure - 120 credit points

It is recommended that students select their units in such a way that they develop a minor teaching area (Curriculum Minor) in addition to their major teaching area (Curriculum Major). Study undertaken for a Curriculum Minor should be equivalent to four units (12 points) in total, with no more than two units at first-year level (6 points).

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BED100 Ideas in Education - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal, S2-internal

Breadth Unit for Degree - 6 credit points

Education Units - 3 credit points

BED150 Understanding Teachers' Work - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

Mathematics Units - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points**Education Units - 6 credit points**

EDN111 Language for Learning and Teaching - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN113 Living and Learning with Technology - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

Mathematics Units - 9 credit points

MAS162 Foundations of Discrete Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS161 Calculus and Matrix Algebra - 3 points
MURDOCH: S2-internal, S2-external

MAS183 Statistical Data Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Part II - 96 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points****Education Units - 3 credit points**

BED200 Assessment and Action Research - 3 points
Not available this year

Core Units - 18 credit points**Education Units - 6 credit points**

Part-time and external students should contact the Student Centre when creating their study plan, particularly as it is necessary for concurrent enrolment in the Professional Experience and Secondary Curriculum units.

EDN221 Learning and Teaching - 3 points

EDN2XX Professional Experience: BEd Secondary - 3 points

Mathematics Units - 9 credit points

Select from the following units, paying regard to planned 300-level unit choices.

MAS221 Mathematical Modelling - 3 points
Not available this year

MAS220 Mathematical Methods - 3 points
Not available this year

MAS222 Probability and Statistical Inference - 3 points
Not available this year

EITHER

MAS224 Biostatistical Methods - 3 points
Not available this year

OR

MAS223 Applied Statistics and Process Management - 3 points
Not available this year

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Students are advised to use their General Elective Units to develop their Curriculum Minor teaching area.

Year 3**Research Skills Unit - 3 credit points**

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 18 credit points**Education Units - 6 credit points**

EDN3XX Professional Experience: BEd Secondary - 3 points
Students should enrol concurrently in this unit with their Curriculum Minor.

Students must select as a Curriculum Minor one of the following units which is different from their Curriculum Major area and for which they have the prerequisites (minimum of 12 points).

EDN3XX Drama and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX English and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Mathematics and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Media and the Curriculum (Minor) - 3 points

EDN3XX Second/Foreign Languages and the Curriculum (Minor) - 3 points

EDN3XX Science and the Curriculum (Secondary) (Minor) - 3 points

EDN3XX Society and Environment Curriculum (Secondary) (Minor) - 3 points

Students may use some of their elective points to replace their Curriculum Minor with a second Curriculum Major, provided they have the required background. Please seek advice from the Academic Chair.

Students who do not have enough content background to select one of the above Curriculum Minors must substitute with one of the following units; this does not provide a student with a Curriculum Minor.

EDN2XX ICT in the Classroom - 3 points

EDN2XX Learning through the Arts - 3 points

Mathematics Units - 9 credit points

Select from the following:

MAS351 Environmental and Biological Modelling - 3 points
Not available this year

MAS352 Time Series and Multivariate Analysis - 3 points
Not available this year

MAS353 Statistical Design and Data Analysis - 3 points
Not available this year

MAS354 Modelling and Simulation - 3 points
Not available this year

General Electives - 3 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Students are advised to use their General Elective Units to develop their Curriculum Minor teaching area.

Year 4 - 24 credit points**Research Skills Units - 6 credit points****Education Units - 3 credit points**

BED300 Schooling and Society - Research Skills - 3 points
Not available this year

Mathematics Units - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Core Units - 15 credit points**Education Units - 15 credit points**

EDN353 Aboriginal Perspectives Across the Curriculum - 3 points
Not available this year

EDN332 Children, Families and Communities - 3 points
NA 2014

EDN4XX Adolescent Health and Development - 3 points

EDN4XX Professional Experience: BEd Secondary - 3 points
Students should enrol concurrently in this unit with their Curriculum Major.

EDN4XX Mathematics and the Curriculum (Secondary) (Major) - 3 points

General Electives - 3 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Year 5 - 24 credit points**Core Units - 24 credit points****Education Units - 24 credit points**

Curriculum Major II and Curriculum Minor II extend the work begun in Curriculum Major I and Curriculum Minor I. Please note that these units are under review.

EDN465 Perspectives on Curriculum - 3 points
Not available this year

EDN458 Creating Effective Learning Environments - 3 points
Not available this year

Curriculum Major II - 3 points

Curriculum Minor II - 3 points

Note that enrolment in EDN4303 Professional Internship: Preliminary Secondary Teaching and EDN4XX Professional Internship: Secondary Teaching require that 40 days be spent in schools, so enrolling in other units is not possible.

EDN3XX Inclusive Education - 3 points

EDN4303 Professional Internship: Preliminary Secondary Teaching - 3 points
Not available this year

EDN4XX Professional Internship: Secondary Teaching - 6 points

SECONDARY TEACHING (SCIENCE COMBINED SPORT AND HEALTH SCIENCE) (BED+BSC)

School of Education

Bachelor of Education (BEd) in Secondary Education + Bachelor of Science (BSc) in Sport and Health Science

Course Codes: B1329

Duration: 5 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external) (except for one school experience, depending on teaching area selected)

Restriction: Enrolment in this course is subject to restriction.

Secondary Teacher Education graduates are qualified to teach one or more learning areas at the secondary school level. For Secondary Teacher Education students the Bachelor degree studied concurrently with the Bachelor of Education should be relevant to one of the following learning areas in secondary schools:
Drama;

English;

History;

Languages other than English (LOTE): Japanese

Languages other than English (LOTE): Indonesian

Mathematics;

Selected science degrees;

Sport and Health Science;

Advice about Murdoch majors suitable for each of these learning areas may be obtained from the Academic Student Advisor (BEd Secondary).

Professional Experience: There are 80 days of supervised teaching practice in this course.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

The WA Department of Education and cooperating non-government schools have the right to determine 'fit and proper persons' to enter and practice in schools. This means all students must obtain two criminal history checks.

The first is a current WA Department of Education Criminal Record check. The second is a Working with Children Check. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children.

The appropriate application forms are available from the Murdoch University School of Education Professional Experience office. The form for the first check is also available from the office's website and the WA Department of Education website. Federal and State police clearances obtained through police stations are not acceptable. Students should refer to the Study at Murdoch section of this Handbook for further details on this important matter.

It is important to understand that these two checks are mandatory and students are not permitted to enter schools without obtaining them.

For students with English as a second language the Western Australian College for Teaching requires an IELTS of 8 on graduation.

Employment Prospects:

A recent survey of all Murdoch teacher education graduates for the past decade showed that almost all were employed in teaching within a year of graduating. Murdoch graduates are employed in government and non-government schools and other education-related occupations.

Professional Recognition:

On completion of the Bachelor of Education, students have a widely accepted qualification from a recognised university and are eligible for graduate studies or employment in government and independent schools.

Excluded Majors:

Primary, 1-10 Health and Physical Education

Excluded Minors:

Education Studies

Main Research Areas:

Education, teaching

Exemptions/Credit and Professional Experience:

Students seeking exemptions must be able to provide documentary evidence in support of their application.

Students who have had at least two years of full-time recent relevant and satisfactory teaching experience in an Australian school context may seek partial exemption from the Professional Experience unit/s. Whilst Murdoch recognises that some students may have prior and/or current teaching experience, it requires that a student's classroom competence be assessed before exemptions from Professional Experience can be given.

Students who have been employed as a teacher and have had at least one year of full-time equivalent recent, relevant and satisfactory teaching experience in an Australian school context may seek exemption from EDN112 Understanding Teachers' Work.

Students cannot receive exemption from the Professional Internship: BEd Secondary but those who are currently employed in relevant teaching positions may seek permission to complete one Professional Experience in their school. Students must contact the Murdoch University School of Education Professional Experience Office for advice.

If seeking uncredentialed credit students must submit a case in writing, with supporting documentary evidence to explain how the outcomes of units have already been achieved through prior experience. All applications for exemption and credit must be directed to the Accreditation Officer.

External Study:

Not all required units in these majors are offered completely externally. Some are offered as intensive sessions on-campus or in Perth metropolitan schools.

External students must undertake their first curriculum-based Professional Experience unit (EDN3101) in a Perth metropolitan school and under the guidance of a Murdoch University Supervisor. Subject to satisfactory completion of this unit, students may arrange, in consultation with the Murdoch University School of Education Professional Experience Office, to complete their subsequent Professional Experience in a school other than in metropolitan Perth. Note: EDN112 is not included as a first Professional Experience unit for this purpose.

Course Structure - 120 credit points

It is recommended that students select their units in such a way that they develop a minor teaching area (Curriculum Minor) in addition to their major teaching area (Curriculum Major). Study undertaken for a Curriculum Minor should be equivalent to four units (12 points) in total, with no more than two units at first-year level (6 points).

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BED100 Ideas in Education - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal, S2-internal

Breadth Unit for Degree - 6 credit points

Education Units - 3 credit points

BED150 Understanding Teachers' Work - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

Science Units - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

Education Units - 9 credit points

EDN111 Language for Learning and Teaching - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN113 Living and Learning with Technology - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN116 Physical Education - 3 points
MURDOCH: S2-internal
ROCKINGHAM: S1-internal

Sport and Health Science Units - 6 credit points

EXS124 Introduction to Sports Science - 3 points
MURDOCH: S1-internal

PSY172 Introduction to Psychological Health and Wellbeing - 3 points
MURDOCH: S2-internal
ROCKINGHAM: S2-internal

Part II - 96 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

Education Units - 3 credit points

BED200 Assessment and Action Research - 3 points
Not available this year

Core Units - 21 credit points

Education Units - 9 credit points

Part-time and external students should contact the Student Centre when creating their study plan, particularly as it is necessary for concurrent enrolment in the Professional Experience and Secondary Curriculum units.

EDN221 Learning and Teaching - 3 points

EDN2XX Professional Experience: BEd Secondary - 3 points

EDN3XX Sport Education - 3 points

Sport and Health Science Units - 12 credit points

BMS101 Introduction to the Human Body - 3 points
MURDOCH: S1-internal

EXS201 Sports Psychology - 3 points
Not available this year

EXS203 Health, Fitness and Performance Assessment - 3 points
Not available this year

EXS205 Acquisition of Skills and Motor Control - 3 points
Not available this year

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

Science Units - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 18 credit points

Education Units - 6 credit points

EDN3XX Professional Experience: BEd Secondary - 3 points
Students should enrol concurrently in this unit with their Curriculum Minor.

Students must select Science as a Curriculum Minor for which they have the prerequisites (minimum of 12 points).

EDN3XX Science and the Curriculum (Secondary) (Minor) - 3

points

Sport and Health Science Units - 12 credit points

EXS202 Exercise Physiology I - 3 points
Not available this year

EXS302 Exercise Physiology II - 3 points
Not available this year

EXS301 Advanced Sports Psychology - 3 points
Not available this year

EXS303 Exercise, Programming and Prescription - 3 points
Not available this year

Year 4 - 24 credit points**Research Skills Units - 6 credit points****Education Units - 3 credit points**

BED300 Schooling and Society - Research Skills - 3 points
Not available this year

Science Units - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Core Units - 18 credit points**Education Units - 15 credit points**

EDN353 Aboriginal Perspectives Across the Curriculum - 3 points
Not available this year

EDN332 Children, Families and Communities - 3 points
NA 2014

EDN4XX Adolescent Health and Development - 3 points

EDN4XX Professional Experience: BEd Secondary - 3 points
Students should enrol concurrently in this unit with their Curriculum Major.

EDN4XX Health and Physical Education and the Curriculum (Major) - 3 points

Sport and Health Science Units - 3 credit points

EXS2041 Biomechanics I - 3 points
Not available this year

Year 5 - 24 credit points**Core Units - 24 credit points****Education Units - 24 credit points**

Curriculum Major II and Curriculum Minor II extend the work begun in Curriculum Major I and Curriculum Minor I. Please note that these units are under review.

EDN465 Perspectives on Curriculum - 3 points
Not available this year

EDN458 Creating Effective Learning Environments - 3 points
Not available this year

Curriculum Major II - 3 points

Curriculum Minor II - 3 points

Note that enrolment in EDN4303 Professional Internship: Preliminary Secondary Teaching and EDN4XX Professional Internship: Secondary Teaching require that 40 days be spent in schools, so enrolling in other units is not possible.

EDN3XX Inclusive Education - 3 points

EDN4303 Professional Internship: Preliminary Secondary Teaching - 3 points
Not available this year

EDN4XX Professional Internship: Secondary Teaching - 6 points

ENGINEERING**ELECTRICAL POWER ENGINEERING (BE)**

School of Engineering and Information Technology

Bachelor of Engineering (BE) in Electrical Power Engineering

Course Codes: B1320

Duration: 4 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Electrical Power Engineering concerns the study of power system elements including power generators, transmissions and distribution systems components. At the completion of this course graduates will have gained a good understanding of power systems analysis, operation and control. Particular emphasis is also placed on system stability, safety and protection issues.

The Bachelor of Engineering Degree qualifies individuals who apply a body of knowledge in a specific context to undertake professional work and as a pathway for research and higher learning.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements. It is recommended that students have completed the equivalent of Mathematics 3C/3D, Mathematics: Specialist 3C/3D, Physics 3A/3B and Chemistry 3A/3B. Students who do not have the necessary Mathematical and Physics prerequisite knowledge may take an extra semester to complete their studies.

English Competence:

English competence.

Special Requirements:

All students will undertake at least 500 hours of approved work experience, plus complete a report outlining the experience gained, in order to complete the requirements of the degree. This work experience must be in a suitable engineering-related area and be approved by the Engineering Academic Chair.

Employment Prospects:

An extremely wide range of opportunities are available in both the commercial and industrial sectors covering information technology, manufacturing, medical, mining, processing, energy supply, communications, electronics, computer systems and defence-related industries to name a few.

Professional Recognition:

Graduates of accredited engineering courses are eligible for graduate membership of Engineers Australia. Full Chartered Professional Engineer status can then be achieved after a further three to five years of work experience in the engineering profession.

Award with Distinction:

Students who have completed the four year Bachelor of Engineering at a high standard may be awarded their degree with Distinction or Higher Distinction.

Major Prerequisites**Mathematics Background**

Students may need to complete one prerequisite unit depending on their background in mathematics with either a C grade in Mathematics: Specialist 3C/3D or a final scaled score of 60 percent or more in Mathematics 3C/3D. Students without this background will need to complete:

MAS164 Fundamentals of Mathematics - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

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Students who have completed previous mathematics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Physics Background

Students may need to complete one prerequisite unit depending on their background in physics and their final scaled score in Physics 3A/3B (or equivalent) within the past three years.

Physics 3A/3B with a final scaled score of 60 percent or more

OR

PEN120 General Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous physics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Course Structure - 96 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BEN100 Transitioning into Engineering - 3 points
MURDOCH: S1-internal, S2-internal

Breadth Unit for Degree - 3 credit points

BEN150 Design Concepts in Engineering - 3 points
MURDOCH: S1-internal

Core Units - 18 credit points

PEN152 Principles of Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS182 Applied Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ENG192 Energy, Mass and Flow - 3 points
MURDOCH: S2-internal

ENG109 Engineering Computing Systems - 3 points
MURDOCH: S2-internal

MAS161 Calculus and Matrix Algebra - 3 points
MURDOCH: S2-internal, S2-external

ENG125 Circuits and Systems I - 3 points
MURDOCH: S2-internal

Part II - 72 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BEN200 Engineering Research Skills - 3 points
Not available this year
Students enrolled in the Chemical and Metallurgical Engineering major are advised to postpone enrolment in this unit until Year 3.

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 18 credit points

ENG298 Principles of Process Engineering - 3 points
Not available this year

ENG297 Circuits and Systems II - 3 points
Not available this year

MAS220 Mathematical Methods - 3 points
Not available this year

ENG294 Discrete Time Systems - 3 points

Not available this year

ENG207 Principles of Electronic Instrumentation - 3 points
Not available this year

ENG299 Control Systems and Process Dynamics - 3 points
Not available this year

Year 3 - 24 credit points

All Engineering students will undertake at least 500 hours of approved work experience, plus complete a report outlining the experience gained, in order to complete the requirements of the degree. This work experience must be in a suitable engineering-related area and must be approved by the Engineering Academic Chair.

Research Skills Unit - 3 credit points

BEN300 Advanced Engineering Research Skills - 3 points
Not available this year
Students enrolled in the Chemical and Metallurgical Engineering major are advised to postpone enrolment in this unit until Year 4.

Breadth Unit for Degree - 3 credit points

ENG336 Engineering Finance, Management, Ethics and Law - 3 points
Not available this year

Core Units - 9 credit points

ENG317 Electromechanical Energy Conversion - 3 points
Not available this year

ENG318 Power Electronic Converters and Systems - 3 points
Not available this year

ENG323 Power Transmission and Distribution Networks - 3 points
Not available this year

Specified Electives - 9 credit points

Students must take units that are acceptable to Engineers Australia. Select from the Specified Elective Unit List below.

Year 4 - 24 credit points

Core Units - 18 credit points

ENG449 Electrical Power Systems Design - 3 points
Not available this year

ENG451 Power Systems Protection and Control - 3 points
Not available this year

Either

ENG450 Engineering Internship - 12 points
MURDOCH: DE2-internal, H-internal, S1-internal, SUM-internal, WU3-internal, Y-internal

OR

ENG460 Engineering Thesis - 12 points
MURDOCH: DE2-internal, H-internal, S1-internal, SUM-internal, WU3-internal, Y-internal

Specified Electives - 6 credit points

Students must take units that are acceptable to Engineers Australia. Select from the Specified Elective Unit List below.

Specified Elective Unit List

In order to obtain professional accreditation, students must take units that are acceptable to Engineers Australia. Select from units at Part II from the other Engineering majors or other Part II units with permission of the Engineering Academic Chair.

ENVIRONMENTAL ENGINEERING (BE)

School of Engineering and Information Technology

Bachelor of Engineering (BE) in Environmental Engineering

Course Codes: B1320

Duration: 4 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

Environmentally sound engineered systems are of increasing interest in our society.

This degree will equip graduates with the discipline knowledge and problem-solving skills to design water, energy, shelter and primary production systems underpinned by ecological knowledge. Graduates can be employed by engineering firms, land developers, utilities, international development and government agencies to design and manage engineered systems. Graduates will have a global perspective and ethical approach to sustainable development.

The Bachelor of Engineering Degree qualifies individuals who apply a body of knowledge in a specific context to undertake professional work and as a pathway for research and higher learning.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements. Students who do not have the necessary background in WACE Chemistry, Mathematics and Physics may take longer than four years to complete this course. Articulation from TAFE is encouraged.

English Competence:

English competence.

Special Requirements:

All students will undertake at least 500 hours of approved work experience, plus complete a report outlining the experience gained, in order to complete the requirements of the degree. This work experience must be in a suitable engineering-related area and be approved by the Engineering Academic Chair.

Employment Prospects:

Graduates will be in high demand in energy and water utilities, and in companies and consulting agencies servicing this sector. Moreover, government departments are significant employers of graduates.

Professional Recognition:

Graduates of accredited engineering courses are eligible for Graduate Membership of Engineers Australia. Full Chartered Professional Engineer status can then be achieved after a further three to five years of work experience in the engineering profession.

Main Research Areas:

Total water cycle management, energy efficiency, permaculture, sustainable construction, organic waste management.

Award with Distinction:

Students who have completed the four year Bachelor of Environmental Engineering at a high standard may be awarded their degree with Distinction or Higher Distinction.

Major Prerequisites

Chemistry Background

Students may need to complete one prerequisite unit depending on their background in chemistry and their final scaled score in Chemistry within the past three years.

Chemistry 3A/3B with a final scaled score of 60 percent or more

OR

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous chemistry not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Mathematics Background

Students may need to complete one prerequisite unit depending on their background in mathematics with either a C grade in Mathematics: Specialist 3C/3D or a final scaled score of 60 percent or more in Mathematics 3C/3D within the past three years.

Students without this background will need to complete:

MAS164 Fundamentals of Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous mathematics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Physics Background

Students may need to complete one prerequisite unit depending on their background in physics and their final scaled score in Physics within the past three years.

WACE Physics 3A/3B with a final scaled score of 60 percent or more

OR

PEN120 General Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous physics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Course Structure - 96 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BEN100 Transitioning into Engineering - 3 points
MURDOCH: S1-internal, S2-internal

Breadth Unit for Degree - 3 credit points

BEN150 Design Concepts in Engineering - 3 points
MURDOCH: S1-internal

Core Units - 18 credit points

MAS182 Applied Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ENV102 Foundations of the Environment - 3 points
MURDOCH: S2-internal, S2-external

CHE144 Foundations of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS161 Calculus and Matrix Algebra - 3 points
MURDOCH: S2-internal, S2-external

ENG109 Engineering Computing Systems - 3 points
MURDOCH: S2-internal

PEN152 Principles of Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Part II - 72 credit points

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Year 2 - 24 credit points**Research Skills Unit - 3 credit points**

BEN200 Engineering Research Skills - 3 points
Not available this year
Students enrolled in the Chemical and Metallurgical Engineering major are advised to postpone enrolment in this unit until Year 3.

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 18 credit points

ENG221 Pollution and its Control - 3 points
Not available this year

ENG298 Principles of Process Engineering - 3 points
Not available this year

MAS221 Mathematical Modelling - 3 points
Not available this year

ENG299 Control Systems and Process Dynamics - 3 points
Not available this year

ENG204 Water Conservation and Auditing - 3 points
Not available this year

MAS223 Applied Statistics and Process Management - 3 points
Not available this year

Year 3 - 24 credit points

All Engineering students will undertake at least 500 hours of approved work experience, plus complete a report outlining the experience gained, in order to complete the requirements of the degree. This work experience must be in a suitable engineering-related area and must be approved by the Engineering Academic Chair.

Research Skills Unit - 3 credit points

BEN300 Advanced Engineering Research Skills - 3 points
Not available this year
Students enrolled in the Chemical and Metallurgical Engineering major are advised to postpone enrolment in this unit until Year 4.

Breadth Unit for Degree - 3 credit points

ENG336 Engineering Finance, Management, Ethics and Law - 3 points
Not available this year

Core Units - 18 credit points

ENV243 Water and Earth Science - 3 points
Not available this year

MAS354 Modelling and Simulation - 3 points
Not available this year

ENV331 Environmental Management - 3 points
Not available this year

ENG338 Energy Management and Systems - 3 points
Not available this year

ENG300 Environmental Technology for Sustainability - 3 points
Not available this year

ENG308 Advanced Process Engineering - 3 points
Not available this year

Year 4 - 24 credit points**Core Units - 21 credit points**

ENG452 Environmental Engineering Design - 3 points
Not available this year

ENG459 Sustainable Urban Water Systems - 3 points
Not available this year

ENG441 Solar Thermal and Biomass Engineering - 3 points
Not available this year

Either

ENG450 Engineering Internship - 12 points
MURDOCH: DE2-internal, H-internal, S1-internal, SUM-internal, WU3-internal, Y-internal

OR

ENG460 Engineering Thesis - 12 points
MURDOCH: DE2-internal, H-internal, S1-internal, SUM-internal, WU3-internal, Y-internal

Specified Elective - 3 credit points

In order to obtain professional accreditation, students must take units that are acceptable to Engineers Australia. Select from units at Part II from the other Engineering majors or other Part II units with permission of the Engineering Academic Chair.

INDUSTRIAL COMPUTER SYSTEMS ENGINEERING (BE)

School of Engineering and Information Technology

Bachelor of Engineering (BE) in Industrial Computer Systems Engineering

Course Codes: B1320

Duration: 4 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Industrial Computer Systems Engineering is concerned with the use and application of computing technologies (hardware and software) in the operation of modern industrial plants, manufacturing processes and material processing industries, particularly computer based measurement and control. This course provides a graduate with a unique blend of skills in computing and software development, and the skills to design, commission and test complex industrial control systems.

The Bachelor of Engineering Degree qualifies individuals who apply a body of knowledge in a specific context to undertake professional work and as a pathway for research and higher learning.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements. It is recommended that students have completed the equivalent of WACE Mathematics 3C/3D, WACE Mathematics: Specialist 3C/3D, WACE Physics 3A/3B and WACE Chemistry 3A/3B. Students who do not have the necessary Mathematical and Physics prerequisite knowledge may take an extra semester to complete their studies.

English Competence:

English competence.

Special Requirements:

All students will undertake at least 500 hours of approved work experience, plus complete a report outlining the experience gained, in order to complete the requirements of the degree. This work experience must be in a suitable engineering-related area and be approved by the Engineering Academic Chair.

Employment Prospects:

An extremely wide range of opportunities are available in both the commercial and industrial sectors covering information technology, manufacturing, medical, mining, processing, energy supply, communications, electronics, computer systems and defence-related industries to name a few.

Professional Recognition:

Graduates of accredited engineering courses are eligible for graduate membership of Engineers Australia. Full Chartered

Professional Engineer status can then be achieved after a further three to five years of work experience in the engineering profession.

Award with Distinction:

Students who have completed the four year Bachelor of Engineering at a high standard may be awarded their degree with Distinction or Higher Distinction.

Major Prerequisites

Mathematics Background

Students may need to complete one prerequisite unit depending on their background in mathematics with either a C grade in Mathematics: Specialist 3C/3D or a final scaled score of 60 percent or more in Mathematics 3C/3D. Students without this background will need to complete:

MAS164 Fundamentals of Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous mathematics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Physics Background

Students may need to complete one prerequisite unit depending on their background in physics and their final scaled score in Physics 3A/3B (or equivalent) within the past three years.

Physics 3A/3B with a final scaled score of 60 percent or more

OR

PEN120 General Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous physics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Course Structure - 96 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BEN100 Transitioning into Engineering - 3 points
MURDOCH: S1-internal, S2-internal

Breadth Unit for Degree - 3 credit points

BEN150 Design Concepts in Engineering - 3 points
MURDOCH: S1-internal

Core Units - 18 credit points

PEN152 Principles of Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS182 Applied Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ENG192 Energy, Mass and Flow - 3 points
MURDOCH: S2-internal

ENG109 Engineering Computing Systems - 3 points
MURDOCH: S2-internal

MAS161 Calculus and Matrix Algebra - 3 points
MURDOCH: S2-internal, S2-external

ENG125 Circuits and Systems I - 3 points
MURDOCH: S2-internal

Part II - 72 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BEN200 Engineering Research Skills - 3 points
Not available this year
Students enrolled in the Chemical and Metallurgical Engineering major are advised to postpone enrolment in this unit until Year 3.

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 18 credit points

ENG298 Principles of Process Engineering - 3 points
Not available this year

ENG297 Circuits and Systems II - 3 points
Not available this year

MAS220 Mathematical Methods - 3 points
Not available this year

ENG294 Discrete Time Systems - 3 points
Not available this year

ENG207 Principles of Electronic Instrumentation - 3 points
Not available this year

ENG299 Control Systems and Process Dynamics - 3 points
Not available this year

Year 3 - 24 credit points

All Engineering students will undertake at least 500 hours of approved work experience, plus complete a report outlining the experience gained, in order to complete the requirements of the degree. This work experience must be in a suitable engineering-related area and must be approved by the Engineering Academic Chair.

Research Skills Unit - 3 credit points

BEN300 Advanced Engineering Research Skills - 3 points
Not available this year
Students enrolled in the Chemical and Metallurgical Engineering major are advised to postpone enrolment in this unit until Year 4.

Breadth Unit for Degree - 3 credit points

ENG336 Engineering Finance, Management, Ethics and Law - 3 points
Not available this year

Core Units - 9 credit points

ENG311 PLC Systems - 3 points
Not available this year

ENG319 Real Time and Embedded Systems - 3 points
Not available this year

ENG321 Instrument and Communication Systems - 3 points
Not available this year

Specified Electives - 9 credit points

Students must take units that are acceptable to Engineers Australia. Select from the Specified Elective Unit List below.

Year 4 - 24 credit points

Core Units - 18 credit points

ENG447 Industrial Computer Systems Design - 3 points
Not available this year

ENG448 SCADA and Systems Architecture - 3 points
Not available this year

Either

ENG450 Engineering Internship - 12 points
MURDOCH: DE2-internal, H-internal, S1-internal, SUM-internal,

WU3-internal, Y-internal

OR

ENG460 Engineering Thesis - 12 points
MURDOCH: DE2-internal, H-internal, S1-internal, SUM-internal,
WU3-internal, Y-internal

Specified Electives - 6 credit points

Students must take units that are acceptable to Engineers Australia. Select from the Specified Elective Unit List below.

Specified Elective Unit List

In order to obtain professional accreditation, students must take units that are acceptable to Engineers Australia. Select from units at Part II from the other Engineering majors or other Part II units with permission of the Engineering Academic Chair.

INSTRUMENTATION AND CONTROL ENGINEERING (BE)

School of Engineering and Information Technology

Bachelor of Engineering (BE) in Instrumentation and Control Engineering

Course Codes: B1320

Duration: 4 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Instrumentation and Control Engineering is concerned with the design, construction, testing and management of tools and equipment for monitoring, control and performance assessment of a wide range of manufacturing and industrial processes. Areas of application will cover virtually all processes that require specialised control and monitoring systems. Often, such automation systems are computer based. Particular emphasis is placed on applications in mining, chemical and mineral processing industries and in other processing sectors.

The Bachelor of Engineering Degree qualifies individuals who apply a body of knowledge in a specific context to undertake professional work and as a pathway for research and higher learning.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements. It is recommended that students have completed the equivalent of WACE Mathematics 3C/3D, WACE Mathematics: Specialist 3C/3D, WACE Physics 3A/3B and WACE Chemistry 3A/3B. Students who do not have the necessary Mathematical and Physics prerequisite knowledge may take an extra semester to complete their studies.

English Competence:

English competence.

Special Requirements:

All students will undertake at least 500 hours of approved work experience, plus complete a report outlining the experience gained, in order to complete the requirements of the degree. This work experience must be in a suitable engineering-related area and be approved by the Engineering Academic Chair.

Employment Prospects:

An extremely wide range of opportunities are available in both the commercial and industrial sectors covering information technology, manufacturing, medical, mining, processing, energy supply, communications, electronics, computer systems and defence-related industries to name a few.

Professional Recognition:

Graduates of accredited engineering courses are eligible for graduate membership of Engineers Australia. Full Chartered Professional Engineer status can then be achieved after a further

three to five years of work experience in the engineering profession.

Award with Distinction:

Students who have completed the four year Bachelor of Engineering at a high standard may be awarded their degree with Distinction or Higher Distinction.

Major Prerequisites

Mathematics Background

Students may need to complete one prerequisite unit depending on their background in mathematics with either a C grade in Mathematics: Specialist 3C/3D or a final scaled score of 60 percent or more in Mathematics 3C/3D. Students without this background will need to complete:

MAS164 Fundamentals of Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous mathematics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Physics Background

Students may need to complete one prerequisite unit depending on their background in physics and their final scaled score in Physics 3A/3B (or equivalent) within the past three years.

Physics 3A/3B with a final scaled score of 60 percent or more

OR

PEN120 General Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous physics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Course Structure - 96 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BEN100 Transitioning into Engineering - 3 points
MURDOCH: S1-internal, S2-internal

Breadth Unit for Degree - 3 credit points

BEN150 Design Concepts in Engineering - 3 points
MURDOCH: S1-internal

Core Units - 18 credit points

PEN152 Principles of Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS182 Applied Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ENG109 Engineering Computing Systems - 3 points
MURDOCH: S2-internal

MAS161 Calculus and Matrix Algebra - 3 points
MURDOCH: S2-internal, S2-external

ENG125 Circuits and Systems I - 3 points
MURDOCH: S2-internal

ENG192 Energy, Mass and Flow - 3 points
MURDOCH: S2-internal

Part II - 72 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BEN200 Engineering Research Skills - 3 points
Not available this year
Students enrolled in the Chemical and Metallurgical Engineering major are advised to postpone enrolment in this unit until Year 3.

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 18 credit points

ENG298 Principles of Process Engineering - 3 points
Not available this year

ENG297 Circuits and Systems II - 3 points
Not available this year

MAS220 Mathematical Methods - 3 points
Not available this year

ENG294 Discrete Time Systems - 3 points
Not available this year

ENG207 Principles of Electronic Instrumentation - 3 points
Not available this year

ENG299 Control Systems and Process Dynamics - 3 points
Not available this year

Year 3 - 24 credit points

All Engineering students will undertake at least 500 hours of approved work experience, plus complete a report outlining the experience gained, in order to complete the requirements of the degree. This work experience must be in a suitable engineering-related area and must be approved by the Engineering Academic Chair.

Research Skills Unit - 3 credit points

BEN300 Advanced Engineering Research Skills - 3 points
Not available this year
Students enrolled in the Chemical and Metallurgical Engineering major are advised to postpone enrolment in this unit until Year 4.

Breadth Unit for Degree - 3 credit points

ENG336 Engineering Finance, Management, Ethics and Law - 3 points
Not available this year

Core Units - 9 credit points

ENG308 Advanced Process Engineering - 3 points
Not available this year

ENG309 Process Control Engineering I - 3 points
Not available this year

ENG322 Process Control Engineering II - 3 points
Not available this year

Specified Electives - 9 credit points

Students must take units that are acceptable to Engineers Australia. Select from the Specified Elective Unit List below.

Year 4 - 24 credit points**Core Units - 18 credit points**

ENG445 Instrumentation and Control Systems Design - 3 points
Not available this year

ENG446 Process Systems Engineering - 3 points
Not available this year

Either

ENG450 Engineering Internship - 12 points
MURDOCH: DE2-internal, H-internal, S1-internal, SUM-internal, WU3-internal, Y-internal

OR

ENG460 Engineering Thesis - 12 points
MURDOCH: DE2-internal, H-internal, S1-internal, SUM-internal, WU3-internal, Y-internal

Specified Electives - 6 credit points

Students must take units that are acceptable to Engineers Australia.

Select from the Specified Elective Unit List below.

Specified Elective Unit List

In order to obtain professional accreditation, students must take units that are acceptable to Engineers Australia. Select from units at Part II from the other Engineering majors or other Part II units with permission of the Engineering Academic Chair.

RENEWABLE ENERGY ENGINEERING (BE)

School of Engineering and Information Technology

Bachelor of Engineering (BE) in Renewable Energy Engineering

Course Codes: B1320

Duration: 4 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Renewable Energy Engineering focuses on the use of sources of energy which do not result in long term reduction, or loss, of our earth's resources. It is concerned with developing efficient means of tapping these energy sources and transforming the energy into useful forms that can be easily used for the full range of domestic and industrial applications. Graduates will be expected to design, commission and test a wide range of renewable energy systems, including solar thermal, photovoltaic, wind based and biomass systems.

The course requires an in-depth study of a range of mathematics, computing and engineering fundamentals, combined with a full range of studies in the necessary specialist subject areas. This is complemented by studies in management, accounting, economics and law.

The Bachelor of Engineering Degree qualifies individuals who apply a body of knowledge in a specific context to undertake professional work and as a pathway for research and higher learning.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements. It is recommended that students have completed the equivalent of Mathematics 3C/3D, Mathematics: Specialist 3C/3D, Physics 3A/3B and Chemistry 3A/3B. Students who do not have the necessary Mathematical and Physics prerequisite knowledge may take an extra semester to complete their studies.

English Competence:

English competence.

Special Requirements:

All students will undertake at least 500 hours of approved work experience, plus complete a report outlining the experience gained, in order to complete the requirements of the degree. This work experience must be in a suitable engineering-related area and be approved by the Engineering Academic Chair.

Employment Prospects:

An extremely wide range of opportunities are available in both the commercial and industrial sectors covering information technology, manufacturing, medical, mining, processing, energy supply, communications, electronics, computer systems and defence-related industries to name a few.

Professional Recognition:

Graduates of accredited engineering courses are eligible for graduate membership of Engineers Australia. Full Chartered Professional Engineer status can then be achieved after a further three to five years of work experience in the engineering profession.

Award with Distinction:

Students who have completed the four year Bachelor of Engineering at a high standard may be awarded their degree with Distinction or Higher Distinction.

Major Prerequisites**Mathematics Background**

Students may need to complete one prerequisite unit depending on their background in mathematics with either a C grade in Mathematics: Specialist 3C/3D or a final scaled score of 60 percent or more in Mathematics 3C/3D. Students without this background will need to complete:

MAS164 Fundamentals of Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous mathematics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Physics Background

Students may need to complete one prerequisite unit depending on their background in physics and their final scaled score in Physics 3A/3B (or equivalent) within the past three years.

Physics 3A/3B with a final scaled score of 60 percent or more

OR

PEN120 General Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous physics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Course Structure - 96 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BEN100 Transitioning into Engineering - 3 points
MURDOCH: S1-internal, S2-internal

Breadth Unit for Degree - 3 credit points

BEN150 Design Concepts in Engineering - 3 points
MURDOCH: S1-internal

Core Units - 18 credit points

PEN152 Principles of Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS182 Applied Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ENG109 Engineering Computing Systems - 3 points
MURDOCH: S2-internal

MAS161 Calculus and Matrix Algebra - 3 points
MURDOCH: S2-internal, S2-external

ENG125 Circuits and Systems I - 3 points
MURDOCH: S2-internal

ENG192 Energy, Mass and Flow - 3 points

MURDOCH: S2-internal

Part II - 72 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BEN200 Engineering Research Skills - 3 points
Not available this year
Students enrolled in the Chemical and Metallurgical Engineering major are advised to postpone enrolment in this unit until Year 3.

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 18 credit points

ENG298 Principles of Process Engineering - 3 points
Not available this year

ENG297 Circuits and Systems II - 3 points
Not available this year

MAS220 Mathematical Methods - 3 points
Not available this year

ENG294 Discrete Time Systems - 3 points
Not available this year

ENG207 Principles of Electronic Instrumentation - 3 points
Not available this year

ENG299 Control Systems and Process Dynamics - 3 points
Not available this year

Year 3 - 24 credit points

All Engineering students will undertake at least 500 hours of approved work experience, plus complete a report outlining the experience gained, in order to complete the requirements of the degree. This work experience must be in a suitable engineering-related area and must be approved by the Engineering Academic Chair.

Research Skills Unit - 3 credit points

BEN300 Advanced Engineering Research Skills - 3 points
Not available this year
Students enrolled in the Chemical and Metallurgical Engineering major are advised to postpone enrolment in this unit until Year 4.

Breadth Unit for Degree - 3 credit points

ENG336 Engineering Finance, Management, Ethics and Law - 3 points
Not available this year

Core Units - 9 credit points

ENG337 Applied Photovoltaics - 3 points
Not available this year

ENG339 Wind Energy Engineering - 3 points
Not available this year

ENG338 Energy Management and Systems - 3 points
Not available this year

Specified Electives - 9 credit points

Students must take units that are acceptable to Engineers Australia. Select from the Specified Elective Unit List below.

Year 4 - 24 credit points**Core Units - 18 credit points**

ENG442 Renewable Energy Systems Engineering - 3 points
Not available this year

ENG441 Solar Thermal and Biomass Engineering - 3 points
Not available this year

Either

ENG450 Engineering Internship - 12 points
MURDOCH: DE2-internal, H-internal, S1-internal, SUM-internal,
WU3-internal, Y-internal

OR

ENG460 Engineering Thesis - 12 points
MURDOCH: DE2-internal, H-internal, S1-internal, SUM-internal,
WU3-internal, Y-internal

Specified Electives - 6 credit points

Students must take units that are acceptable to Engineers Australia. Select from the Specified Elective Unit List below.

Specified Elective Unit List

In order to obtain professional accreditation, students must take units that are acceptable to Engineers Australia. Select from units at Part II from the other Engineering majors or other Part II units with permission of the Engineering Academic Chair.

ENGINEERING TECHNOLOGY

ENGINEERING TECHNOLOGY (BSC)

School of Engineering and Information Technology

Bachelor of Science (BSc) in Engineering Technology

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The approach of the technologist is, wherever possible, to use and adapt 'off the shelf' building blocks and components to create and/or modify the required software and/or hardware. In this degree students are free to choose from a range of units; however, there are four key areas of study:

Industrial Computer Systems: concerned with the specification, design, implementation and commissioning of industrial control systems. It is a combination of both computer hardware and software to meet the requirements of the industrial measurement and control application.

Instrumentation and Control: concerned with instrumentation installation, specification, systems monitoring and operational control of a wide range of manufacturing and process oriented industries.

Electrical Power: associated with power system elements including power generators, transmission and distribution system components as well as power system analysis, operation and control.

Renewable Energy Systems: concerned with the study and use of renewable energy technologies and energy sources with an emphasis on electrical generation.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

Normal university admission requirements apply. It is recommended that students have completed the equivalent of WACE Mathematics 3C/3D, Mathematics: Specialist 3C/3D and WACE Physics 3A/3B. Students who do not have the necessary

Mathematical and Physics prerequisite knowledge may take an extra semester to complete their studies.

English Competence:

English competence.

Employment Prospects:

This degree offers study suitable for graduates to enter a wide range of engineering and applied science careers as Engineering Technologists. Depending on the specific units chosen, graduates may pursue careers in industries associated with computing and information technology, industrial computer systems, instrumentation and control.

Advanced Standing:

This major is designed to admit students either through direct entry to the University, or via TAFE. Students who have completed appropriate TAFE qualifications may be admitted directly into the second year of the major.

Upon successful completion of this course, it is possible with one further year of study to upgrade to a Bachelor of Engineering degree. It should be noted that if a sufficient level of performance is achieved in the first year, it is also possible to transfer into the Engineering course in the second year of study.

Major Prerequisites

Mathematics Background

Students may need to complete one prerequisite unit depending on their background in mathematics with either a C grade in Mathematics: Specialist 3C/3D or a final scaled score of 60 percent or more in Mathematics 3C/3D. Students without this background will need to complete:

MAS164 Fundamentals of Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous mathematics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Physics Background

Students may need to complete one prerequisite unit depending on their background in physics and their final scaled score in Physics 3A/3B (or equivalent) within the past three years.

Physics 3A/3B with a final scaled score of 60 percent or more

OR

PEN120 General Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous physics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

PEN152 Principles of Physics - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS182 Applied Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS161 Calculus and Matrix Algebra - 3 points
MURDOCH: S2-internal, S2-external

ENG125 Circuits and Systems I - 3 points
MURDOCH: S2-internal

CHE144 Foundations of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 12 credit points

ENG207 Principles of Electronic Instrumentation - 3 points
Not available this year

Plus one unit from each of the following Groups.

Group 1

ENG297 Circuits and Systems II - 3 points
Not available this year

ENG298 Principles of Process Engineering - 3 points
Not available this year

Group 2

MAS221 Mathematical Modelling - 3 points
Not available this year

MAS220 Mathematical Methods - 3 points
Not available this year

Group 3

ENG299 Control Systems and Process Dynamics - 3 points
Not available this year

ENG294 Discrete Time Systems - 3 points
Not available this year

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 6 credit points

Select one unit from Group 4 and one unit from Group 5.

Group 4

ENG308 Advanced Process Engineering - 3 points
Not available this year

ENG311 PLC Systems - 3 points
Not available this year

ENG317 Electromechanical Energy Conversion - 3 points
Not available this year

ENG309 Process Control Engineering I - 3 points
Not available this year

ENG318 Power Electronic Converters and Systems - 3 points
Not available this year

ENG337 Applied Photovoltaics - 3 points
Not available this year

Group 5

ENG323 Power Transmission and Distribution Networks - 3 points
Not available this year

ENG319 Real Time and Embedded Systems - 3 points
Not available this year

ENG339 Wind Energy Engineering - 3 points
Not available this year

ENG338 Energy Management and Systems - 3 points
Not available this year

ENG321 Instrument and Communication Systems - 3 points
Not available this year

ENG322 Process Control Engineering II - 3 points
Not available this year

General Electives - 12 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

ENGLISH AND CREATIVE WRITING

ENGLISH AND CREATIVE WRITING (BA)

School of Arts

Bachelor of Arts (BA) in English and Creative Writing

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

English and Creative Writing offers students excellent opportunities to develop critical, conceptual and creative skills in order to become incisive thinkers, adept readers and imaginative writers. Students engage with a wide range of literary, theoretical, dramatic, and other texts, from the Renaissance to the present day, enabling them to hone their capacity for reflection and analysis. They will develop the ability to write a diverse range of literary and related genres. Upon completion of the major, graduates will be skilled in methods of critical analysis and argument; fluent in oral and written expression; and confident in their ability to undertake critical and/or creative work.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

Depending on the particular make-up of the degree, graduates in English and Creative Writing would be well trained for employment in several of the following professions: advertising, design, teaching, public administration, journalism, acting, stage direction, publishing, computer arts, and many fields of business.

Recommended Double Majors:

History; Philosophy; Theatre and Drama

Recommended Minors:

Asian Studies; Literature; Philosophy; Theatre and Drama Studies

Excluded Minors:

Creative Writing

Languages and Writing Skills:

English and Creative Writing students are strongly encouraged to study another language, such as Indonesian, Japanese, Biblical Hebrew and New Testament Greek, all offered by Murdoch University, or another language studied cross-institutionally. Students are also encouraged to include a writing unit in their selection of a general elective at either Part I or Part II.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 6 credit points

EGL121 Turning Points in Literature - 3 points
MURDOCH: S1-internal, S1-external

EGL122 Writing and Creativity - 3 points
MURDOCH: S2-internal, S2-external

General Electives - 12 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Unit - 3 credit points

EGL252 Great Books Past and Present 1 - 3 points
Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Unit - 3 credit points

EGL345 Great Books Past and Present 2 - 3 points
Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Specified Elective Unit List

Select Specified Electives from the following units during Years 2 and 3, subject to individual unit prerequisites. At least two units must be at 300 level.

EGL220 Project in Creative Writing - 3 points
Not available this year

EGL233 Telling True Stories - 3 points
Not available this year

EGL346 Literary Theory - 3 points
Not available this year

EGL232 Professional Writing - 3 points
Not available this year

EGL230 Popular Literature and Science Fiction - 3 points
Not available this year

EGL235 Australian Literature and Film - 3 points
Not available this year

EGL344 Sonnet to Song: Understanding Poetry - 3 points
Not available this year

EGL343 Contemporary Fiction Writing - 3 points

Not available this year

EGL348 Shakespeare - 3 points
Not available this year

HONOURS IN ENGLISH AND CREATIVE WRITING (BA(HONS))

School of Arts

Bachelor of Arts with Honours (BA(Hons)) in English and Creative Writing

Course Codes: H1149

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend students' grasp of the theoretical, conceptual and practical framework of their discipline, and to develop skills for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 8 credit points

ART404 Research Methods in Social Sciences and Humanities - 4 points
MURDOCH: S1-internal, S1-external

EGL461 Theories in the Humanities - Honours - 4 points
MURDOCH: S1-internal

Elective Units - 4 credit points

Select from the following:

EGL469 Honours Dissertation Preliminary - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

EGL4191 Honours Topic in English and Creative Writing - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500-level) - 4 points

Thesis - 12 credit points

EGL4199 Honours Thesis in English and Creative Writing - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

ENVIRONMENTAL MANAGEMENT

ENVIRONMENTAL MANAGEMENT AND SUSTAINABILITY (BSC)

School of Veterinary and Life Sciences

Bachelor of Science (BSc) in Environmental Management and Sustainability

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The world must address the challenges of climate change and population growth. Such challenges can only be met through sustainable management that not only integrates the environmental sciences and their human dimensions, but also translates that science into practical management actions. The Environmental Management and Sustainability degree links environmental management knowledge to local, regional and global sustainability, enabling graduates to develop clear management alternatives for a viable sustainable future.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements. There are no prerequisites for admission but it is highly desirable for students to have undertaken Chemistry 3A/3C and Mathematics 2C/2D.

English Competence:

English competence.

Special Requirements:

This degree is available externally, although some attendance is required in individual units.

Employment Prospects:

Environmental Management and Sustainability graduates are well positioned to enter the public and private sectors as environmental managers and sustainability officers, to join environmental consulting firms, and to work overseas. Employment opportunities are likely to be enhanced for graduates who have completed research honours or graduate certificate.

Recommended Double Majors:

Environmental Science; Management; Marine Science

Recommended Minors:

Ecosystem Management; Environmental Issues; Marine Biology

Main Research Areas:

Ecosystem management and restoration, technologies and policies for sustainable development.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 9 credit points

BIO103 Introduction to Environmental Biology - 3 points
MURDOCH: S1-internal, S1-external

ENV102 Foundations of the Environment - 3 points
MURDOCH: S2-internal, S2-external

MAS183 Statistical Data Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

ENV246 Protected Area Management and Planning - 3 points
Not available this year

ENV241 Ecology - 3 points
Not available this year

ENV245 Global and Regional Sustainability - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

ENV328 Environmental Policy and Law - 3 points
Not available this year

ENV334 Environmental Restoration - 3 points
Not available this year

ENV303 GIS for Environmental Management and Planning - 3 points
MURDOCH: S2-internal, S2-external

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and

minors will be included in the major's description.

HONOURS IN ENVIRONMENTAL MANAGEMENT (BENVMAN(HONS))

School of Veterinary and Life Sciences

Bachelor of Environmental Management with Honours (BEnvMan(Hons))

Course Codes: H1194

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Dean of School. Students interested in enrolling in Honours are advised to contact the Academic Chair before application to discuss supervision of their potential research project.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 4 credit points**

ENV523 Environmental Science Research Methods - 4 points
MURDOCH: S1-internal, S1-external

Thesis - 20 credit points

ENV4089 Honours Thesis in Environmental Management - 20 points
MURDOCH: S1-internal, S2-internal, Y-internal

ENVIRONMENTAL SCIENCE**ENVIRONMENTAL SCIENCE (BSC)**

School of Veterinary and Life Sciences

Bachelor of Science (BSc) in Environmental Science

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Murdoch University offers two Environmental Science majors at undergraduate level. Both majors are interdisciplinary in nature and are designed to enable graduates to contribute, as individuals and through their employment, to the identification and resolution of environmental problems. The majors are structured around the themes of air, water, land, biota, people, policy and technology with an integrated environmental management perspective.

While Environmental Science students are trained in the scientific

approach to environmental management, they are also expected to acquire a wider perspective to appreciate the human factors involved in the formulation and implementation of environmental policy.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements. There are no prerequisites for admission but it is highly desirable for students to have undertaken Chemistry 3A/3C and Mathematics 2C/2D.

English Competence:

English competence.

Special Requirements:

Both degrees are available externally, although some attendance is required in individual units.

Employment Prospects:

Environmental Science graduates are well positioned to enter the public and private sectors, to join environmental consulting firms, and to work overseas. Employment opportunities are likely to be enhanced for graduates who have completed either the Bachelor of Environmental Science or research honours.

Recommended Double Majors:

Biological Sciences; Conservation and Wildlife Biology; Marine Science

Recommended Minors:

Animal Biology; Applied Statistics; Conservation Biology; Energy Studies; Environmental Issues; Marine Biology; Mathematical Modelling; Pollution Science; Sustainable Development

Excluded Minors:

Ecosystem Management

Award with Distinction:

Students who have completed the four year Bachelor of Environmental Science at a high standard may be awarded their degree with Distinction or Higher Distinction, based on an individual student's performance in their fourth year. Contact the Academic Chair for further details.

Major Prerequisites

Chemistry Background

Students who achieved a final scaled score of 50 percent or more in Chemistry 3A/3B within the past three years should seek an exemption from their Academic Chair for CHE140 Fundamentals of Chemistry. Students who have completed previous chemistry not stated above should also consult their Academic Chair for clarification of their enrolment requirements.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

BIO103 Introduction to Environmental Biology - 3 points
MURDOCH: S1-internal, S1-external

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ENV102 Foundations of the Environment - 3 points
MURDOCH: S2-internal, S2-external

MAS183 Statistical Data Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

CHE144 Foundations of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

ENV242 Atmospheric Science - 3 points
Not available this year

ENV241 Ecology - 3 points
Not available this year

ENV243 Water and Earth Science - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

ENV328 Environmental Policy and Law - 3 points
Not available this year

ENV331 Environmental Management - 3 points
Not available this year

ENV332 Managing Wetlands and Water - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and

minors will be included in the major's description.

HONOURS IN ENVIRONMENTAL SCIENCE (BSC(HONS))

School of Veterinary and Life Sciences

Bachelor of Science with Honours (BSc(Hons)) in Environmental Science

Course Codes: H1036

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Students who have completed the three-year degree Bachelor of Science (Environmental Science) may apply for admission to the one-year Bachelor of Science (Environmental Science) Honours-level studies.

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Dean of School. Students interested in enrolling in Honours are advised to contact the Academic Chair before application to discuss supervision of their potential research project.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 4 credit points

ENV523 Environmental Science Research Methods - 4 points
MURDOCH: S1-internal, S1-external

Thesis - 20 credit points

ENV4019 Honours Thesis in Environmental Science - 20 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

EXERCISE PHYSIOLOGY

EXERCISE PHYSIOLOGY (BSC)

School of Psychology and Exercise Science

Bachelor of Science (BSc) in Exercise Physiology

Course Codes: B1317

Duration: 1 year full-time or part-time equivalent following completion of specific majors in a 3-year Bachelor of Science

Availability:

- Not currently available to new admissions

Exercise Physiology is a mainstream allied health profession concerned with the delivery of exercise, lifestyle, and behavioural modification programs for the prevention and management of chronic disease and injury. Murdoch graduates of the Exercise

Physiology course will possess the skills and ability to provide physical activity and behavioural programs for clients with conditions as diverse as cardiovascular disease, diabetes, osteoporosis, depression, cancer, arthritis, respiratory disease and many others.

Admission Requirements (Onshore):

Entry is restricted to students who have completed a double major in Movement Science and Sport and Health Science with a Credit average (GPA 2.0).

English Competence:

English competence.

Special Requirements:

A Working with Children Check will be required for some practical placements.

Employment Prospects:

Exercise Physiologists may work as part of a healthcare team in a hospital based setting or may establish their own private business.

Professional Accreditation:

Graduates of the Exercise Physiology degree will be eligible to apply for accreditation as an Exercise Physiologist with Exercise and Sports Science Australia (ESSA).

Professional Recognition:

Exercise Physiologists are eligible to register with Medicare Australia, the Department of Veterans Affairs and have recognition among a number of health insurers.

Excluded Majors:

Movement Science; Sport and Health Science

Main Research Areas:

Exercise Physiology, Exercise Science.

Course Structure - 24 credit points

Part II - 24 credit points

Year 4 - 24 credit points

Core Units - 24 credit points

EXS409 Exercise Physiology Practicum - 6 points
Not available this year

EXS401 Cardiopulmonary Rehabilitation - 3 points
Not available this year

CHI520 Professional Practice Management - 3 points
Not available this year

CHI447 Primary Practice VI: Pharmacology - 3 points
Not available this year

EXS402 Neuromuscular Rehabilitation - 3 points
Not available this year

EXS403 Metabolic Rehabilitation - 3 points
Not available this year

EXS404 Advanced Topics in Exercise Physiology - 3 points
Not available this year

HONOURS IN EXERCISE PHYSIOLOGY (BSC(HONS))

School of Psychology and Exercise Science

Bachelor of Science with Honours (BSc(Hons)) in Exercise Physiology

Course Codes: H1218

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Credit average; subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

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Course Structure - 24 credit points**Thesis - 24 credit points**

EXS460 Honours Thesis in Exercise Physiology - 24 points
MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

EXTRACTIVE METALLURGY**CHEMICAL AND METALLURGICAL ENGINEERING (BE)**

School of Engineering and Information Technology

Bachelor of Engineering (BE) in Chemical and Metallurgical Engineering

Course Codes: B1320

Duration: 4 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

Extractive Metallurgists are expected to understand the fundamental science of mineral extraction processes and engineering aspects, and operate in an engineering environment, working in the design, commissioning and operation of metallurgical plants.

This course provides training in the core areas of extractive metallurgy: mineral processing, pyrometallurgy, hydrometallurgy and process mineralogy. Units in process control and instrumentation, modelling and simulation, financial management and process economics, and environmental and operational management are included in this course.

The Bachelor of Engineering Degree qualifies individuals who apply a body of knowledge in a specific context to undertake professional work and as a pathway for research and higher learning.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

It is recommended that students entering this major to have completed WACE Chemistry 3A/3B, Physics 3A/3B and Mathematics: Specialist 3C/3D.

Applicants having other backgrounds will be considered for admission, but may need make-up units in first year, and therefore may need more than one year to complete Part I.

English Competence:

English competence.

Special Requirements:

Students enrolling in units that have a practical component must make allowance for on-campus attendance to complete the practical work. The on-campus sessions for external students are generally held in a one-week block for each unit; the dates are published in each unit guide.

Employment Prospects:

The degree will allow graduates to work in the mineral and allied industries including oil and gas, chemical engineering, mineral processing and process consulting. Specific job opportunities include Extractive/General Metallurgist; Mineral Processing Engineer; Hydrometallurgist; Pyrometallurgist; Consulting Metallurgy/Mineral Processing; Research Metallurgy/Mineral Processing; Chemical/Process Engineer.

Professional Accreditation:

Recognised by the Australasian Institute of Mining and Metallurgy.

Professional Recognition:

Graduates are eligible for professional membership of the Australasian Institute of Mining and Metallurgy

Recommended Double Majors:

Chemistry; Environmental Science; Law; Mathematics and Statistics

Recommended Minors:

Applied Statistics; Mathematical Modelling

Excluded Majors:

Mineral Science

Main Research Areas:

Hydrometallurgy, mineral processing, pyrometallurgy, process mineralogy, mineral chemistry.

Major Prerequisites**Chemistry Background**

Students may need to complete prerequisite units depending on their background in chemistry and their final scaled score in Chemistry 3A/3B within the past three years.

Chemistry 3A/3B with a final scaled score of 60 percent or more

OR

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous chemistry not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Mathematics Background

Students may need to complete one prerequisite unit depending on their background in mathematics with either a final scaled score of 60 percent or more in Mathematics 3C/3D or a C grade in Mathematics: Specialist 3C/3D within the past three years.

Students without this background will need to complete:

MAS164 Fundamentals of Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

as a bridging unit.

Students who have completed previous mathematics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Physics Background

Students may need to complete prerequisite units depending on

their background in physics and their final scaled score in Physics 3A/3B within the past three years.

Physics 3A/3B with a final scaled score of 60 percent or more

OR

PEN120 General Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous physics studies not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Course Structure - 96 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BEN100 Transitioning into Engineering - 3 points
MURDOCH: S1-internal, S2-internal

Breadth Unit for Degree - 3 credit points

BEN150 Design Concepts in Engineering - 3 points
MURDOCH: S1-internal

Core Units - 18 credit points

ENG193 Introduction to the Minerals Industry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS161 Calculus and Matrix Algebra - 3 points
MURDOCH: S2-internal, S2-external

MAS182 Applied Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ENG109 Engineering Computing Systems - 3 points
MURDOCH: S2-internal

CHE144 Foundations of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

PEN152 Principles of Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Part II - 72 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BEN200 Engineering Research Skills - 3 points
Not available this year
Students enrolled in the Chemical and Metallurgical Engineering major are advised to postpone enrolment in this unit until Year 3.

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 21 credit points

ENG202 Engineering Thermodynamics - 3 points
Not available this year

ENG205 Applied Mineralogy - 3 points
Not available this year

ENG298 Principles of Process Engineering - 3 points
Not available this year

ENG201 Fluid Mechanics - 3 points
Not available this year

ENG203 Heat and Mass Transfer - 3 points
Not available this year

MAS221 Mathematical Modelling - 3 points
Not available this year

ENG299 Control Systems and Process Dynamics - 3 points
Not available this year

Year 3 - 24 credit points

All Engineering students will undertake at least 500 hours of approved work experience, plus complete a report outlining the experience gained, in order to complete the requirements of the degree. This work experience must be in a suitable engineering-related area and must be approved by the Engineering Academic Chair.

Research Skills Unit - 3 credit points

BEN300 Advanced Engineering Research Skills - 3 points
Not available this year
Students enrolled in the Chemical and Metallurgical Engineering major are advised to postpone enrolment in this unit until Year 4.

Breadth Unit for Degree - 3 credit points

ENG336 Engineering Finance, Management, Ethics and Law - 3 points
Not available this year

Core Units - 18 credit points

ENG328 Mineral Processing I - 3 points
Not available this year

ENG335 Reactor Engineering - 3 points
Not available this year

ENG325 Pyrometallurgy - 3 points
Not available this year

ENG308 Advanced Process Engineering - 3 points
Not available this year

ENG329 Mineral Processing II - 3 points
Not available this year

ENG326 Hydrometallurgy - 3 points
Not available this year

Year 4 - 24 credit points

Core Units - 21 credit points

ENG457 Engineering Design Project - 6 points
MURDOCH: S2-internal

ENG456 Financial and Environmental Management - 3 points
Not available this year

Plus either

ENG450 Engineering Internship - 12 points
MURDOCH: DE2-internal, H-internal, S1-internal, SUM-internal, WU3-internal, Y-internal

OR

ENG460 Engineering Thesis - 12 points
MURDOCH: DE2-internal, H-internal, S1-internal, SUM-internal, WU3-internal, Y-internal

FINANCE

FINANCE (BBUS)

School of Management and Governance

Bachelor of Business (BBus) in Finance

Course Codes: B1318

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Students doing the Finance major will cover a broad range of areas in corporate finance, treasury management, investment analysis and international finance. These are designed to equip them with the necessary skills to obtain employment in such areas as stockbroking, insurance and banking as well as preparing them with the skills for careers in finance in public and private sector organisations.

Many issues relevant to the corporate financial manager will be examined including capital investment decisions, cost of capital, sources of funds, dividend policy, working capital management, efficient capital markets, portfolio management, the use of options, futures, forward exchange contracts and other derivative financial instruments. Students will also receive an introduction to international finance. A fourth year of study is available in the form of an honours year.

A Bachelor of Business provides a broad understanding of individual, organisational and societal issues. You will have the practical skills to identify business opportunities, analyse problems and implement solutions and you will be able to demonstrate a knowledge of business principles across key functional areas. You will have depth of knowledge in one or more business disciplines: accounting, banking, business law, economics, finance, hospitality and tourism management, human resources management, international business, management, marketing.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Professional Recognition:

Graduates are potentially eligible for associate membership of the Financial Services Institute of Australasia (FINSIA). For advice on specific requirements students should contact FINSIA directly.

Recommended Double Majors:

Accounting; Banking

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Breadth Unit for Degree - 3 credit points

BBS150 Transforming Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 12 credit points

BUS130 Foundational Mathematics for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS176 Foundations of Management and Governance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS170 Foundations of Accounting - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

BSL165 Foundations of Business Law - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BBS200 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

BSL201 Finance Law - 3 points
Not available this year

BUS286 Corporate Finance - 3 points
Not available this year

BUS288 Treasury Management - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BBS300 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

BUS329 Investment Analysis - 3 points
Not available this year

BUS330 International Finance - 3 points
Not available this year

BUS333 Derivative Securities - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

FINANCE (BCOM)

School of Management and Governance

Bachelor of Commerce (BCom) in Finance

Course Codes: B1003 B1003A

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Finance instead)
- Murdoch campus (external) (no new admissions from 2014 at this

location for first-year commencing students: consider the Bachelor of Business in Finance instead)

- SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
- Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)

Students doing the Finance major will cover a broad range of areas in corporate finance, treasury management, investment analysis and international finance. These are designed to equip them with the necessary skills to obtain employment in such areas as stockbroking, insurance and banking as well as preparing them with the skills for careers in finance in public and private sector organisations.

Many issues relevant to the corporate financial manager will be examined including capital investment decisions, cost of capital, sources of funds, dividend policy, working capital management, efficient capital markets, portfolio management, the use of options, futures, forward exchange contracts and other derivative financial instruments. Students will also receive an introduction to international finance. A fourth year of study is available in the form of an honours year.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Professional Recognition:

Graduates are potentially eligible for associate membership of the Financial Services Institute of Australasia (FINSIA). For advice on specific requirements students should contact FINSIA directly.

Recommended Double Majors:

Banking; Marketing

Course Structure - 72 credit points

Part I - 24 credit points

Foundation Unit - 3 credit points

From 2014, Foundation units will no longer be offered at the Murdoch Campus. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Students enrolled at the Dubai campus will enrol in:

FDN107 Next Life - 3 points
DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal
KAPLAN-SGP: TMA-internal, TSA-internal

Core Units - 15 credit points

BUS160 Introduction to Accounting - 3 points
DUBAI-ISC: TMD-internal

OR

BUS170 Foundations of Accounting - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

BSL165 Foundations of Business Law - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

OR

BUS165 Principles of Commercial Law - 3 points
DUBAI-ISC: TMD-internal

BUS161 Introduction to Economics - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

OR

BUS171 Foundations of Economics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external,
SUM-internal
ROCKINGHAM: S1-internal

MAS180 Introduction to Statistics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KDUPJ: S1U-internal

BUS140 Principles of Finance and Banking - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

BUS130 Foundational Mathematics for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 48 credit points

Core Units - 24 credit points

BSL206 Finance Law - 4 points
MURDOCH: S1-internal, S1-external

OR

BUS206 Finance Law - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

BUS224 Corporate Finance - 4 points
MURDOCH: S1-internal, S1-external, S2-internal
ROCKINGHAM: S1-internal
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

BUS244 Treasury Management - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

BUS311 Investment Analysis - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

BUS322 International Finance - 4 points
MURDOCH: S2-internal, S2-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

BUS325 Derivative Securities - 4 points
MURDOCH: S2-internal, S2-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

General Electives - 24 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Recommended for General Elective points only:

BUS204 Business and Technical Communication - 4 points
Not available this year

BUS267 Work-Based Learning - 4 points
MURDOCH: S1-internal (quota of 50 places)
This unit is recommended for final-year students.

BUS352 International Study Tour - 4 points
MURDOCH: W-internal (quota of 15 places)
Students must have completed their Part I units.

HONOURS IN FINANCE (BCOM(HONS))

School of Management and Governance

Bachelor of Commerce with Honours (BCom(Hons)) in Finance

Course Codes: H1202

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop the ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average in units relating to the planned Honours study and a Distinction average overall. Subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 12 credit points

BUS4011 Advanced Honours Topic in Commerce - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

BUS4012 Advanced Honours Topic in Commerce - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

BUS4013 Advanced Honours Research Preparation - 4 points
MURDOCH: S1-internal, S2-internal

Thesis - 12 credit points

BUS4019 Honours Thesis in Commerce - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

FORENSIC BIOLOGY

FORENSIC BIOLOGY AND TOXICOLOGY (BSC)

School of Veterinary and Life Sciences

Bachelor of Science (BSc) in Forensic Biology and Toxicology

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

Forensic Biology and Toxicology is concerned with the application of the techniques of molecular biology (DNA profiling) and analytical chemistry (drug and alcohol analysis) to the fight against crime. The major provides in-depth study of modern molecular genetics including practical training in the techniques of genetic analysis such as the polymerase chain reaction (PCR) and the use of STRs (short tandem repeats) and SNPs (single nucleotide polymorphisms) to identify regions of DNA. The application of these techniques to the analysis of ancient DNA is also discussed. Training is provided by forensic science professionals in forensic pathology, forensic anthropology and human identification, forensic toxicology and in forensic botany with an emphasis on the gathering of forensic evidence and its presentation in Court.

The course also provides hands-on experience in modern analytical techniques associated with the detection of legal and illicit drugs and homicidal poisons including gas chromatography, HPLC, NMR and mass spectrometry. The course integrates thorough training in biochemistry, including aspects of drug metabolism with case studies chosen from a wide range of forensic areas.

Opportunities may also be available to participate in a professional experience program, focusing on crime scene investigation with the Western Australian Police (WAPOL).

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements. There are no prerequisites for admission but it is highly desirable for students to have undertaken TEE Chemistry or WACE Chemistry 3A/3B and at least TEE Discrete Mathematics or WACE Mathematics 2C/2D.

English Competence:

English competence.

Special Requirements:

Students undertaking units in Forensic Biology and Toxicology will not be required to kill any vertebrate animal but they will be required to work with fresh tissues from dead animals in certain units. Students will also be exposed to graphic images of homicidal injuries and to human cadavers.

Employment Prospects:

The establishment of a national DNA database and the increasing emphasis on the monitoring of blood and urine samples for residual alcohol and drugs has seen a significant increase in employment opportunities for forensic biologists and toxicologists, particularly in government Health Departments and in analytical laboratories. The techniques of genetic analysis and analytical chemistry are highly transportable and graduates can also expect to obtain employment in hospitals, research organisations such as the

CSIRO and in medical research centres, agriculture departments, food processing companies or in the pharmaceutical industry. Graduates have found employment as Crime Scene Officers with Police services and as Forensic Biologists with Health Departments.

Professional Recognition:

Students who complete the three-year double major in Forensic Biology and Toxicology and Chemistry are eligible for membership of the Royal Australian Chemical Institute (RACI).

Recommended Double Majors:

Biomedical Science; Chemistry; Criminology; Molecular Biology

Recommended Minors:

Biomedical Science; Criminology; Cyber Forensics; Security, Terrorism and Counterterrorism

Excluded Minors:

Forensic Biology; Molecular Biology

Main Research Areas:

Medical, forensic and agricultural genetic analysis; wildlife forensics; ancient DNA reconstruction; crime scene contamination; molecular toxicology and drug analysis.

Major Prerequisites

Chemistry Background

Students who achieved a final scaled score of 50 percent or more in Chemistry 3A/3B within the past three years should seek an exemption from their Academic Chair for CHE140 Fundamentals of Chemistry. Students who have completed previous chemistry not stated above should also consult their Academic Chair for clarification of their enrolment requirements.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

CHE103 Introduction to Forensic Science - 3 points
MURDOCH: S1-internal

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

BIO152 Foundations of Cell and Molecular Biology - 3 points
MURDOCH: S2-internal

CHE144 Foundations of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS183 Statistical Data Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

BIO248 Genetic Engineering - 3 points
Not available this year

BIO247 Biochemistry I - 3 points
Not available this year

BMS213 Forensic Anatomy and Anthropology - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

BIO315 Bodies of Evidence - 3 points
Not available this year

BIO359 Forensic DNA Analysis - 3 points
Not available this year

BIO367 Forensic Toxicology - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN FORENSIC BIOLOGY AND TOXICOLOGY (BFORENSICS(HONS))

School of Veterinary and Life Sciences

Bachelor of Forensics with Honours (BForensics(Hons)) in Forensic Biology and Toxicology

Course Codes: H1192

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the

same discipline or cognate area with a Credit average (GPA 2); subject to availability of a suitable supervisor and approval by the Dean of School. Students interested in enrolling in Honours are advised to contact the Academic Chair before application to discuss supervision of their potential research project.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Thesis - 24 credit points**

Full-time students will be enrolled in:

BIO4049-12 Honours Thesis in Forensic Biology and Toxicology - 12 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Plus a further enrolment in:

BIO4049-12 Honours Thesis in Forensic Biology and Toxicology - 12 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

GAMES ART AND DESIGN**GAMES ART AND DESIGN (BA)**

School of Arts

Bachelor of Arts (BA) in Games Art and Design

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Currently Australians spend more money on video games than film and television industries combined. The major in Games Art and Design is designed to help students take advantage of this growing global market. Taught by international games production experts, the course will provide students with three parts to a career in Games Art and Design: Production Art for 3D modelling, animation, and texture painting; Concept Art for 2D illustration and character design; and Game Designers, for level design and construction and high-level game development.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Concept Artist, Technical Artist, Animator, Character Modeller, Game Designer, Environment Modeller, Production Artist, Matte and Texture Painter, Game-Play Tester, Lighting Artist, Level

Designer.

Recommended Double Majors:

Interactive Digital Design

Main Research Areas:

Games Art and Design, Games Theory, Graphic Design.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BAR100 Academic Learning Skills - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ROCKINGHAM: S2-internal

Core Units - 9 credit points

GAD172 Drawing - 3 points

MURDOCH: S1-internal

ROCKINGHAM: S2-internal

GAD154 Introduction to Games Art and Design - 3 points

MURDOCH: S2-internal

GAD164 3D Modelling - 3 points

MURDOCH: S1-internal

OR

ICT159 Foundations of Programming - 3 points

MURDOCH: S1-internal, S1-external

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BAR200 Bachelor of Arts Research Skills Unit - 3 points

Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points

Not available this year

Core Units - 6 credit points

GAD261 Games Art - 3 points

Not available this year

GAD232 Video Game Studies - 3 points

Not available this year

Specified Elective - 3 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Unit - 3 credit points

GAD362 Games Project - 3 points
Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Specified Elective Unit List

Select Specified Electives from the following units during Years 2 and 3, subject to individual unit prerequisites. At least two units must be at 300 level.

Concept Art

GAD241 Animation - 3 points
Not available this year

GAD373 Drawing Studio - 3 points
Not available this year

GAD374 Digital Painting - 3 points
Not available this year

Games Design

ICT288 Games Software Design - 3 points
Not available this year

GAD375 Games Design Studio - 3 points
Not available this year

IDD379 Interaction Design - 3 points
Not available this year

Production Art

GAD241 Animation - 3 points
Not available this year

GAD363 Advanced 3D Modelling - 3 points
Not available this year

GAD365 3D Animation - 3 points
Not available this year

HONOURS IN GAMES ART AND DESIGN (BDMEDIA(HONS))

School of Arts

Bachelor of Digital Media with Honours (BDMedia(Hons)) in Games Art and Design

Course Codes: H1219

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practices of their subject, and to develop ability for

independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 12 credit points**

MCC444 Honours Seminar in Media Communication and Culture - 4 points
MURDOCH: S1-internal

MCC4201 Honours Topic in Media Communication and Culture - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

MCC4202 Honours Topic in Media Communication and Culture - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

Thesis - 12 credit points

MCC4209 Honours Thesis in Media Communication and Culture - 12 points
MURDOCH: S1-internal, S2-internal

GAMES SOFTWARE DESIGN AND PRODUCTION

GAMES SOFTWARE DESIGN AND PRODUCTION (BSC)

School of Engineering and Information Technology

Bachelor of Science (BSc) in Games Software Design and Production

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The Games Software Design and Production major prepares and provides students with a thorough understanding of the theory of games software design, development and processes involved in the production of computer, mobile and video games. The required topics include but not limited to 3D graphics and animations, games software design, games mechanics, games software development and production, user interface design for games, artificial intelligence and interaction design. Students will gain practical experience in the games design and developed processes using games development tools.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

There may be some reduction in choice of units if completing this course in the external mode. Individual units may require access to specific nominated software.

Employment Prospects:

Excellent career opportunities exist in this rapidly expanding industry both locally, nationally and internationally.

Professional Recognition:

The Australian Computer Society (ACS) will be the accrediting body. Accreditation will take place as soon as possible after the major becomes available.

Recommended Double Majors:

Computer Science; Internet Software Development; Internetworking

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

ICT167 Principles of Computer Science - 3 points
MURDOCH: S2-internal, S2-external

ICT159 Foundations of Programming - 3 points
MURDOCH: S1-internal, S1-external

ICT169 Foundations of Data Communications - 3 points
MURDOCH: S2-internal, S2-external

MAS162 Foundations of Discrete Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ICT170 Foundations of Computer Systems - 3 points
MURDOCH: S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

ICT284 Systems Analysis and Design - 3 points
Not available this year

ICT288 Games Software Design - 3 points

Not available this year

ICT285 Databases - 3 points

Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

ICT396 Interaction Design - 3 points
Not available this year

ICT367 Games Software Production - 3 points
Not available this year

ICT365 Software Development Frameworks - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN GAMES SOFTWARE DESIGN AND PRODUCTION (BSC(HONS))

School of Engineering and Information Technology

Bachelor of Science with Honours (BSc(Hons)) in Games Software Design and Production

Course Codes: H1212

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of the Games Software Design and Production major at a satisfactory level, with an aptitude for honours studies.

Students interested in Honours enrolment are advised to contact the Academic Chair before application to discuss supervision of their potential research.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 12 credit points****Core Units - 4 credit points**

ICT477 Information Technology Research Methodologies - 4 points
MURDOCH: S1-internal

Elective Units - 8 credit points

Select from the following:

ICT4021 Advanced Honours Topic in Computer Science - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

ICT4022 Advanced Honours Topic in Computer Science - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500/600-level) - 4 points

Students may also be able to take ICT4051 Advanced Honours Topic in Information Systems - 4 points or ICT4052 Advanced Honours Topic in Information Systems - 4 points with the approval of the Honours Subcommittee Chair.

Thesis - 12 credit points

ICT4029 Honours Thesis in Computer Science - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

GAMES TECHNOLOGY**GAMES TECHNOLOGY (BSC)**

School of Engineering and Information Technology

Bachelor of Science (BSc) in Games Technology

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The Games Technology major prepares and provides students with a thorough understanding of the theory, design and programming techniques required for developing games, simulation and visualisation software applications. The required topics include but are not limited to introduction to programming, artificial intelligence, games engine design, games mechanics, graphics programming, virtual environment, multi-user games programming and advanced games production using software development tools.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Excellent career opportunities exist in this rapidly expanding industry, both locally and internationally. Graduates will also find employment in many areas of the Information Technology industry.

Professional Recognition:

Graduates of this degree are eligible for membership of the Australian Computer Society at the Professional Level.

Recommended Double Majors:

Computer Science; Internet Software Development

Recommended Minors:

Software Development

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

ICT167 Principles of Computer Science - 3 points
MURDOCH: S2-internal, S2-external

ICT159 Foundations of Programming - 3 points
MURDOCH: S1-internal, S1-external

ICT169 Foundations of Data Communications - 3 points
MURDOCH: S2-internal, S2-external

MAS162 Foundations of Discrete Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ICT170 Foundations of Computer Systems - 3 points
MURDOCH: S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

ICT283 Data Structures and Abstractions - 3 points
Not available this year

ICT289 Computer Graphics Principles and Programming - 3 points
Not available this year

ICT290 Games Design and Programming - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

ICT397 Advanced Games Design and Programming - 3 points
Not available this year

ICT371 Game Development - 3 points
Not available this year

ICT398 Virtual Environments for Games and Simulations - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

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HONOURS IN GAMES TECHNOLOGY (BSC(HONS))

School of Engineering and Information Technology

Bachelor of Science with Honours (BSc(Hons)) in Games Technology

Course Codes: H1213

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Students interested in Honours enrolment are advised to contact the Academic Chair before applying to discuss supervision of their potential research.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 12 credit points****Core Units - 4 credit points**

ICT477 Information Technology Research Methodologies - 4 points
MURDOCH: S1-internal

Elective Units - 8 credit points

Select from the following:

ICT4021 Advanced Honours Topic in Computer Science - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

ICT4022 Advanced Honours Topic in Computer Science - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500-level) - 4 points

Students may also be able to take one of the following with the approval of the Honours Subcommittee Chair:

ICT4051 Advanced Honours Topic in Information Systems - 4 points

MURDOCH: S1-internal, S2-internal, Y-internal

OR

ICT4052 Advanced Honours Topic in Information Systems - 4 points

MURDOCH: S1-internal, S2-internal, Y-internal

Thesis - 12 credit points

ICT4029 Honours Thesis in Computer Science - 12 points

MURDOCH: S1-internal, S2-internal, Y-internal

HISTORY

HISTORY (BA)

School of Arts

Bachelor of Arts (BA) in History

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

History means making sense of our world by understanding how things come to be the way they are today. History gives us a sense of who we are as individuals and as members of society. The study of History trains the mind to analyse ideas and theories about human action by looking at the evidence of the past. History is also a discipline which sharpens our critical faculties as well as broadening our understanding of the human condition.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

The study of history promotes generic and applied skills (literary, analytical and communicatory) appropriate to a broad range of careers in both public and private sectors of the economy.

Recommended Double Majors:

Asian Studies; Philosophy; Politics and International Studies; Security, Terrorism and Counterterrorism Studies; Sociology

Recommended Minors:

Philosophy; Politics; Security, Terrorism and Counterterrorism; Sociology

Excluded Minors:

Modern Social History

Main Research Areas:

American, Asian, Australian, British, French, Irish and Pacific history.

Languages and Writing Skills:

History students are strongly encouraged to include a writing unit in their selection of a general elective at either Part I or Part II. It is also recommended that students consider studying a language other than English, with Indonesian, Japanese, Biblical Hebrew and New Testament Greek, all available at Murdoch through the Asian Studies or Theology courses.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 6 credit points

HIS181 Introduction to History - 3 points
MURDOCH: S1-internal, S1-external

HIS182 Making of the Modern World - 3 points
MURDOCH: S2-internal, S2-external

General Electives - 12 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Unit - 3 credit points

HIS200 History, Society and Culture - 3 points
Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points

Not available this year

Core Unit - 3 credit points

HIS300 Creating History - 3 points
Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Specified Elective Unit List

Select Specified Electives from the following units during Years 2 and 3, subject to individual unit prerequisites. At least two units must be at 300 level.

Units will normally be available at least once every two years.

In addition, Special Topics are available from time to time and may be used as a Specified Elective. Students should consult the Academic Chair to confirm the offering in any particular year.

HIS250 Hollywood and History - 3 points
Not available this year

HIS252 Witchcraft: Historical Images of Women - 3 points
Not available this year

HIS302 Australia and its Asian Context - 3 points
Not available this year

HIS323 American Indian History - 3 points
Not available this year

HIS324 Rebirth of Europe 1945-2001 - 3 points
Not available this year

HIS259 Europe Under the Dictators - 3 points
Not available this year

HIS310 Modern Japanese History - 3 points
Not available this year

HIS257 Spies, Saboteurs and Secret Agents - 3 points
Not available this year

HIS258 Soldiers and Civilians: War in the Pacific 1941-1945 - 3 points
Not available this year

HIS256 Earth, Fire, Wind and Water: Australian Environmental History - 3 points
Not available this year

HONOURS IN HISTORY (BA(HONS))

School of Arts

Bachelor of Arts with Honours (BA(Hons)) in History

Course Codes: H1092

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 12 credit points****Core Units - 8 credit points**

HIS463 History Honours Seminar I - 4 points
MURDOCH: S1-internal

ART404 Research Methods in Social Sciences and Humanities - 4 points
MURDOCH: S1-internal, S1-external

Elective Units - 4 credit points

Select from the following:

HIS4011 Honours Topic in History - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500-level) - 4 points

Thesis - 12 credit points

HIS4019 Honours Thesis in History - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

HOSPITALITY AND TOURISM MANAGEMENT

HOSPITALITY AND TOURISM MANAGEMENT (BBUS)

School of Management and Governance

Bachelor of Business (BBus) in Hospitality and Tourism Management

Course Codes: B1318

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

A Bachelor of Business (Hospitality and Tourism Management) will provide students with a body of knowledge that includes the understanding of business management principles and contemporary developments in Hospitality and Tourism Management. A Bachelor of Business (Hospitality and Tourism Management), degree provides students with core business skills in business management, the legal framework of business and services marketing, combined with a broad knowledge base of the contemporary issues within the hospitality and tourism industry.

Students will have knowledge of how research principles and methods inform business decision-making after completing this degree. Graduates of a Bachelor of Business (Hospitality and Tourism Management) will demonstrate the application of knowledge and skills via the planning and completion of significant research-based or scholarship-centred projects.

A Bachelor of Business provides a broad understanding of individual, organisational and societal issues. You will have the

practical skills to identify business opportunities, analyse problems and implement solutions and you will be able to demonstrate a knowledge of business principles across key functional areas. You will have depth of knowledge in one or more business disciplines: accounting, banking, business law, economics, finance, hospitality and tourism management, human resources management, international business, management, marketing.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Tourism industry such as tour operators, accommodation outlets and resorts; travel wholesalers and retailers, NGOs and government agencies.

Recommended Double Majors:

Management; Marketing

Main Research Areas:

Management, tourism.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Breadth Unit for Degree - 3 credit points

BBS150 Transforming Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 12 credit points

BUS130 Foundational Mathematics for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS176 Foundations of Management and Governance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BSL165 Foundations of Business Law - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

TOU101 Introduction to Tourism Systems - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BBS200 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

BSL204 Tourism and Hospitality Law - 3 points
Not available this year

BUS293 Organisational Theory and Behaviour - 3 points
Not available this year

TOU221 Sustainable Tourism - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BBS300 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

BUS349 Strategic Management - 3 points
Not available this year

TOU323 Destination Management - 3 points
Not available this year

TOU322 Tourism Project - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HOSPITALITY AND TOURISM MANAGEMENT (BCOM)

School of Management and Governance

Bachelor of Commerce (BCom) in Hospitality and Tourism Management

Course Codes: B1003 B1003A

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Business in Hospitality and Tourism Management instead)
- SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
- Some units only: Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Business in Hospitality and Tourism Management instead)

This course prepares students for employment in the tourism industry, particularly with front line businesses such as hotels, resorts and transportation companies as well as in the wider context of tourism and hospitality, including non-government organisations (NGOs) and government agencies. It provides a detailed understanding of travel and tourism with special attention to management of tourism-related businesses and the strategic

management of destinations.

A fourth year of study is available in the form of an honours year.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Tourism industry such as tour operators, accommodation outlets and resorts; travel wholesalers and retailers, NGOs and government agencies.

Recommended Double Majors:

Management; Marketing

Main Research Areas:

Management, tourism.

Course Structure - 72 credit points**Part I - 24 credit points****Foundation Unit - 3 credit points**

From 2014, Foundation units will no longer be offered. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 12 credit points

BSL165 Foundations of Business Law - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

OR

BUS165 Principles of Commercial Law - 3 points
DUBAI-ISC: TMD-internal

BUS145 Principles of Management - 3 points
MURDOCH: SUM-internal
DUBAI-ISC: TMD-internal

OR

BUS176 Foundations of Management and Governance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS170 Foundations of Accounting - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

OR

BUS160 Introduction to Accounting - 3 points
DUBAI-ISC: TMD-internal

TOU101 Introduction to Tourism Systems - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 48 credit points**Core Units - 24 credit points**

BSL207 Tourism and Hospitality Law - 4 points
MURDOCH: S1-internal, S1-external

OR

BUS207 Tourism and Hospitality Law - 4 points
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

BUS240 Organisation Development and Human Resources Management - 4 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

TOU201 Sustainable Tourism - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

TOU303 Destination Management - 4 points
MURDOCH: S2-internal
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

BUS317 Strategic Management - 4 points
MURDOCH: S2-internal, S2-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

BUS320 Advanced Human Resource Perspectives - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

General Electives - 24 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Recommended as General Elective points only:

BUS267 Work-Based Learning - 4 points
MURDOCH: S1-internal (quota of 50 places)
This unit is recommended for final year students.

BUS352 International Study Tour - 4 points
MURDOCH: W-internal (quota of 15 places)
Students must have completed their Part I units.

HONOURS IN HOSPITALITY AND TOURISM MANAGEMENT (BCOM(HONS))

School of Management and Governance

Bachelor of Commerce with Honours (BCom(Hons)) in Hospitality and Tourism Management

Course Codes: H1203

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop the ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average in units relating to the planned Honours study and a Distinction average

overall. Subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 12 credit points

BUS4011 Advanced Honours Topic in Commerce - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

BUS4012 Advanced Honours Topic in Commerce - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

BUS4013 Advanced Honours Research Preparation - 4 points
MURDOCH: S1-internal, S2-internal

Thesis - 12 credit points

BUS4019 Honours Thesis in Commerce - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

HUMAN RESOURCE MANAGEMENT

HUMAN RESOURCE MANAGEMENT (BCOM)

School of Management and Governance

Bachelor of Commerce (BCom) in Human Resource Management

Course Codes: B1003 B1003A

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Human Resources Management instead)
- Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Human Resources Management instead)
- SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English)
- KDU College (Petaling Jaya, Malaysia) ['KDUPJ'] (internal) (by formal agreement) (language of instruction: English) (no new admissions from 2014 at this location; this course is only available to students who are already enrolled)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)

Human Resource Management will provide a strong understanding of the areas of professional human resource management including the strategic role, employment policies, legal and environmental regulations, interviewing and hiring, rewards and recognition, pay and benefits, diversity, job assessment, health and safety, ethics, negotiating and bargaining, communications, motivation, organisational design, and the future direction of human resources.

Graduates will have a strong standing for entry into the human resource management arena and associated commercial areas within industry.

A fourth year of study is available in the form of an honours year.

Admission Requirements (Onshore):

As per normal undergraduate admission.

English Competence:

English competence.

Employment Prospects:

The prospects for employment in HRM are good as every organisation, public or private undertakes HRM functions. The HR industry as a whole does not require registration or specific qualifications thus increasing demand for qualified candidates.

Professional Accreditation:

This course is accredited by the Australian Human Resource Institute (AHRI) and provides students eligibility for professional standing upon graduation.

Recommended Double Majors:

Management; Marketing

Excluded Minors:

Human Resources Management

Course Structure - 72 credit points**Part I - 24 credit points****Foundation Unit - 3 credit points**

From 2014, Foundation units will no longer be offered. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 15 credit points

BUS145 Principles of Management - 3 points
MURDOCH: SUM-internal
DUBAI-ISC: TMD-internal

OR

BUS176 Foundations of Management and Governance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS170 Foundations of Accounting - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

OR

BUS160 Introduction to Accounting - 3 points
DUBAI-ISC: TMD-internal

BSL165 Foundations of Business Law - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

OR

BUS165 Principles of Commercial Law - 3 points
DUBAI-ISC: TMD-internal

BUS171 Foundations of Economics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external,
SUM-internal
ROCKINGHAM: S1-internal

OR

BUS161 Introduction to Economics - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

BUS183 Foundations of Marketing - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

OR

BUS169 Principles of Marketing - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 48 credit points**Core Units - 24 credit points**

BUS222 Employment Relations - 4 points
MURDOCH: S1-internal, S1-external

OR

BUS251 Employment Relations in Asia - 4 points
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

BSL228 Workplace Law - 4 points
MURDOCH: S2-internal, S2-external
KDUPJ: S2U-internal

OR

BUS228 Workplace Law - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

BUS375 Human Resource Economics - 4 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

BUS320 Advanced Human Resource Perspectives - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

BUS223 Organisational Theory and Behaviour - 4 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S1U-internal
SGP1: TMB-internal

BUS240 Organisation Development and Human Resources Management - 4 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

General Electives - 24 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Recommended for general elective points only:

BUS267 Work-Based Learning - 4 points
MURDOCH: S1-internal (quota of 50 places)
This unit is recommended for final year students.

BUS352 International Study Tour - 4 points
MURDOCH: W-internal (quota of 15 places)
Students must have completed their Part I units.

HUMAN RESOURCES MANAGEMENT (BBUS)

School of Management and Governance

Bachelor of Business (BBus) in Human Resources Management

Course Codes: B1318

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Human Resources Management will provide a strong understanding of the areas of professional human resource management including the strategic role, employment policies, legal and environmental regulations, interviewing and hiring, rewards and recognition, pay and benefits, diversity, job assessment, health and safety, ethics, negotiating and bargaining, communications, motivation, organisational design, and the future direction of human resources.

Graduates will have a strong standing for entry into the human resource management arena and associated commercial areas within industry.

A fourth year of study is available in the form of an honours year.

A Bachelor of Business provides a broad understanding of individual, organisational and societal issues. You will have the practical skills to identify business opportunities, analyse problems and implement solutions and you will be able to demonstrate a knowledge of business principles across key functional areas. You will have depth of knowledge in one or more business disciplines: accounting, banking, business law, economics, finance, hospitality and tourism management, human resources management, international business, management, marketing.

Admission Requirements (Onshore):

As per normal undergraduate admission.

English Competence:

English competence.

Employment Prospects:

The prospects for employment in HRM are good as every organisation, public or private undertakes HRM functions. The HR industry as a whole does not require registration or specific qualifications thus increasing demand for qualified candidates.

Professional Accreditation:

This course is accredited by the Australian Human Resource Institute (AHRI) and provides students eligibility for professional standing upon graduation.

Recommended Double Majors:

Accounting; Hospitality and Tourism Management; Management; Marketing

Excluded Minors:

Human Resources Management

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Breadth Unit for Degree - 3 credit points

BBS150 Transforming Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 12 credit points

BUS130 Foundational Mathematics for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS176 Foundations of Management and Governance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BSL165 Foundations of Business Law - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

BUS171 Foundations of Economics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external,
SUM-internal
ROCKINGHAM: S1-internal

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BBS200 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

BSL202 Workplace Law - 3 points
Not available this year

BUS293 Organisational Theory and Behaviour - 3 points
Not available this year

BUS297 Principles of Human Resources Management - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BBS300 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

BUS332 Employment Relations - 3 points
Not available this year

BUS340 Advanced Human Resource Perspectives - 3 points
Not available this year

BUS301 Human Resource Economics - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN HUMAN RESOURCES MANAGEMENT (BCOM(HONS))

School of Management and Governance

Bachelor of Commerce with Honours (BCom(Hons)) in Human Resources Management

Course Codes: H1204

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop the ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average in units relating to the planned Honours study and a Distinction average overall. Subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at <http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 12 credit points

BUS4011 Advanced Honours Topic in Commerce - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

BUS4012 Advanced Honours Topic in Commerce - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

BUS4013 Advanced Honours Research Preparation - 4 points
MURDOCH: S1-internal, S2-internal

Thesis - 12 credit points

BUS4019 Honours Thesis in Commerce - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

INTERACTIVE DIGITAL DESIGN

INTERACTIVE DIGITAL DESIGN (BA)

School of Arts

Bachelor of Arts (BA) in Interactive Digital Design

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The Interactive Digital Design major is an art and design specific course, combining elements of web design and front end development, 3D modelling, 3D animation, mobile app design and interaction design. Interactive Digital Design provides students with cutting-edge digital production skills, as well as a sophisticated sense of the cultural history and creative potential of this exciting new production field. Studying Interactive Digital Design offers students a broad range of creative professions both in Australia and

overseas.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Graduates are particularly suited for careers in all aspects of the multimedia industry (web design and or development, graphic design, content development and project management) and, with a suitable combination of electives, for careers in the media and/or information technology fields, as well as Post Production Special Effects, Games Production, Education, E- Business, Marketing, Public Relations and Software Development.

Recommended Double Majors:

Games Art and Design; Screen Production; Web Communication

Recommended Minors:

Indigenous Sustainability; Management; Marketing; Organisational Psychology; Public Relations; Radio; Software Development; Sustainable Development

Main Research Areas:

Interface design and interactivity, visual communication, 2D and 3D animation, multimedia design, interaction design.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 9 credit points

IDD129 Introduction to Digital Media Skills - 3 points
MURDOCH: S1-internal

IDD118 Visual Communication - 3 points
MURDOCH: S2-internal

GAD164 3D Modelling - 3 points
MURDOCH: S1-internal

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

WEB263 Web Design - 3 points
Not available this year

WEB278 Web Strategy - 3 points
Not available this year

GAD241 Animation - 3 points
Not available this year

OR

GAD232 Video Game Studies - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

IDD379 Interaction Design - 3 points
Not available this year

IDD337 Responsive and Adaptive Design - 3 points
Not available this year

IDD338 Web Client Project - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN INTERACTIVE DIGITAL DESIGN (BDMEDIA(HONS))

School of Arts

Bachelor of Digital Media with Honours (BDMedia(Hons)) in Interactive Digital Design

Course Codes: H1220

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practices of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 12 credit points****Core Units - 12 credit points**

MCC444 Honours Seminar in Media Communication and Culture - 4 points
MURDOCH: S1-internal

MCC4201 Honours Topic in Media Communication and Culture - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

MCC4202 Honours Topic in Media Communication and Culture - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

Thesis - 12 credit points

MCC4209 Honours Thesis in Media Communication and Culture - 12 points
MURDOCH: S1-internal, S2-internal

INTERNATIONAL AID AND DEVELOPMENT

INTERNATIONAL AID AND DEVELOPMENT (BA)

School of Management and Governance

Bachelor of Arts (BA) in International Aid and Development

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The degree explores the challenges and the changing approaches to international aid by government, multilateral organisations and non-government aid agencies. It focuses on key issues such as poverty reduction, governance, capacity building, and participatory approaches. It will equip students to be effective development practitioners in international and cross-cultural settings. The emphasis is on community-level engagement and provides tools and skills for participatory development practice, project management and a critical understanding of international development programs and approaches.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue

further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements

English Competence:

English competence.

Employment Prospects:

Non-government agencies; Department of Foreign Affairs and Trade; AusAID; Development Consultancies

Recommended Double Majors:

Community Development; Politics and International Studies; Sustainable Development

Main Research Areas:

Asian studies; development studies; community development; indigenous development; international development

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 9 credit points

POL161 Asia-Pacific in the Global System - 3 points
MURDOCH: S1-internal, S1-external

COD125 Introduction to Community Development - 3 points
MURDOCH: S1-internal, S1-external

SUS100 Introduction to Sustainable Development - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

SUS207 Overseas Aid and International Development - 3 points
Not available this year

POL298 International Political Economy - 3 points
Not available this year

POL226 Sex and Gender Matters - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 6 credit points

COD302 Creative Ways to Work with Community - 3 points
Not available this year

SUS309 International Aid and Development - 3 points
Not available this year

Specified Electives - 3 credit points

Select from the following:

SUS313 Working in Aid and Development - 3 points
Not available this year

AST350 Society, Culture and Ecology in Asia - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

INTERNATIONAL BUSINESS

INTERNATIONAL BUSINESS (BBUS)

School of Management and Governance

Bachelor of Business (BBus) in International Business

Course Codes: B1318

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

International Business is an integrated degree with a strong basis in international commerce and economics, as well as interdisciplinary links with Asian studies areas. Students are exposed to a selection of units that will develop their knowledge of the global business environment and related political and social factors in some of the largest economies of the world, such as China and Japan.

The major is designed to enable students to acquire skills needed for employment in an international environment. Business core units provide the foundation for a broad international business perspective and skills appropriate to understanding and dealing with a range of cultures in an increasingly globalised world.

To enhance future employment opportunities in international business, students are strongly encouraged to study one of the three foreign languages offered by the University: Chinese, Japanese and Indonesian.

A Bachelor of Business provides a broad understanding of

individual, organisational and societal issues. You will have the practical skills to identify business opportunities, analyse problems and implement solutions and you will be able to demonstrate a knowledge of business principles across key functional areas. You will have depth of knowledge in one or more business disciplines: accounting, banking, business law, economics, finance, hospitality and tourism management, human resources management, international business, management, marketing.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

Students with language expertise above the second-year level may be refused enrolment in the language electives.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Breadth Unit for Degree - 3 credit points

BBS150 Transforming Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 12 credit points

BUS130 Foundational Mathematics for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS176 Foundations of Management and Governance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS183 Foundations of Marketing - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

POL161 Asia-Pacific in the Global System - 3 points
MURDOCH: S1-internal, S1-external

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BBS200 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

BUS293 Organisational Theory and Behaviour - 3 points
Not available this year

BUS284 Comparative Corporate Governance Structures - 3 points
Not available this year

POL298 International Political Economy - 3 points

Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BBS300 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

BUS343 International Marketing - 3 points
Not available this year

BUS344 International Management - 3 points
Not available this year

BUS341 Business Negotiations in International Perspective - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

INTERNATIONAL BUSINESS (BCOM)

School of Management and Governance

Bachelor of Commerce (BCom) in International Business

Course Codes: B1003 B1003A

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in International Business instead)
- Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in International Business instead)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)

The Bachelor of Commerce in International Business is an integrated degree with a strong basis in international commerce and economics, as well as interdisciplinary links with Asian studies areas. Students are exposed to a selection of units that will develop their knowledge of the global business environment and related political and social factors in some of the largest economies of the world, such as China and Japan.

The major is designed to enable students to acquire skills needed for employment in an international environment. Business core units provide the foundation for a broad international business perspective and skills appropriate to understanding and dealing with a range of cultures in an increasingly globalised world.

To enhance future employment opportunities in international business, students are strongly encouraged to study one of the three foreign languages offered by the University: Chinese,

Japanese and Indonesian.

A fourth year of study is available in the form of an honours year.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

Students with language expertise above the second-year level may be refused enrolment in the language electives.

Course Structure - 72 credit points

Part I - 24 credit points

Foundation Unit - 3 credit points

From 2014, Foundation units will no longer be offered. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 12 credit points

BUS183 Foundations of Marketing - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

OR

BUS169 Principles of Marketing - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

BUS145 Principles of Management - 3 points
MURDOCH: SUM-internal
DUBAI-ISC: TMD-internal

OR

BUS176 Foundations of Management and Governance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS171 Foundations of Economics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external, SUM-internal
ROCKINGHAM: S1-internal

OR

BUS161 Introduction to Economics - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

POL161 Asia-Pacific in the Global System - 3 points
MURDOCH: S1-internal, S1-external

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Recommended: Students may wish to consider enrolling in language units from the following list:

JPN101 Japanese 1 - 3 points
MURDOCH: S1-internal

JPN172 Japanese 1B - 6 points
Not available this year

IND101 Indonesian 1 - 3 points
MURDOCH: S1-internal, S1-external

IND102 Indonesian 2 - 3 points
MURDOCH: S2-internal, S2-external

Part II - 48 credit points

Core Units - 24 credit points

BUS243 Chinese Business - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal

BUS273 Consumer Behaviour - 4 points
MURDOCH: S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

BUS321 International Marketing - 4 points
MURDOCH: S2-internal, S2-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

BUS223 Organisational Theory and Behaviour - 4 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S1U-internal
SGP1: TMB-internal

BUS240 Organisation Development and Human Resources Management - 4 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

BUS323 International Management - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

Specified Electives - 12 credit points

Select from the following:

BUS272 Changing Economies of Asia - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal

BUS290 International Financial Markets and Institutions - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

BUS233 Conversational Chinese - 4 points
MURDOCH: S1-internal, S1-external

BUS241 Contemporary China - 4 points
MURDOCH: S2-internal, S2-external

BUS268 Services Marketing - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

BUS346 Chinese Business Negotiations - 4 points
MURDOCH: S2-internal, S2-external

JPN204 Japanese IIA - 4 points
MURDOCH: S1-internal

JPN214 Postwar Japan - 4 points
This unit is no longer available: contact the Academic Chair for advice.

IND261 Indonesian 2A - 4 points
MURDOCH: S1-internal, S1-external

AST250 Society, Culture and Ecology in Asia - 4 points
MURDOCH: S1-internal, S1-external

LAW257 Law in China: Continuity and Change - 4 points
Not available this year

** Enrolment in the unit requires permission of the Unit Coordinator.

General Electives - 12 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Recommended for General Elective points only:

BUS267 Work-Based Learning - 4 points
MURDOCH: S1-internal (quota of 50 places)
This unit is recommended for final year students.

BUS352 International Study Tour - 4 points
MURDOCH: W-internal (quota of 15 places)
Students must have completed their Part I units.

INTERNET SOFTWARE DEVELOPMENT

INTERNET SOFTWARE DEVELOPMENT (BSC)

School of Engineering and Information Technology

Bachelor of Science (BSc) in Internet Software Development

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The Internet Software Development major is designed to provide students with specialisation in the field of Internet programming and application development. The main areas covered include: the design and management of networked computing systems, the development and maintenance of applications for the Internet including multimedia, databases, software development and Internet science and technology.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode. Individual units may require access to specific nominated software.

Employment Prospects:

Excellent career opportunities exist for Internet Computing graduates in business, industry and government as Internet application developers, programmers, systems analysts, database administrators, computer systems and network managers, user support officers and software engineers.

Professional Recognition:

Graduates of this degree are eligible for membership of the Australian Computer Society at the Professional Level.

Recommended Double Majors:

Computer Science; Cyber Forensics and Information Security; Games Technology

Recommended Minors:

Software Development

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

ICT167 Principles of Computer Science - 3 points
MURDOCH: S2-internal, S2-external

ICT159 Foundations of Programming - 3 points
MURDOCH: S1-internal, S1-external

ICT169 Foundations of Data Communications - 3 points
MURDOCH: S2-internal, S2-external

MAS162 Foundations of Discrete Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ICT170 Foundations of Computer Systems - 3 points
MURDOCH: S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

ICT284 Systems Analysis and Design - 3 points
Not available this year

ICT285 Databases - 3 points
Not available this year

ICT286 Web Computing - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

ICT375 Internet Systems Programming - 3 points
Not available this year

ICT365 Software Development Frameworks - 3 points
Not available this year

ICT376 Mobile Application Developments - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN INTERNET SOFTWARE DEVELOPMENT (BSC(HONS))

School of Engineering and Information Technology

Bachelor of Science with Honours (BSc(Hons)) in Internet Software Development

Course Codes: H1214

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Students interested in Honours enrolment are advised to contact the Academic Chair before applying to discuss supervision of their potential research.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 12 credit points****Core Units - 4 credit points**

ICT477 Information Technology Research Methodologies - 4 points
MURDOCH: S1-internal

Elective Units - 8 credit points

Select from the following:

ICT4021 Advanced Honours Topic in Computer Science - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

ICT4022 Advanced Honours Topic in Computer Science - 4 points

MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500/600-level) - 4 points

Students may also be able to take ICT4051 Advanced Honours Topic in Information Systems - 4 points or ICT4052 Advanced Honours Topic in Information Systems - 4 points with the approval of the Honours Subcommittee Chair.

Thesis - 12 credit points

ICT4029 Honours Thesis in Computer Science - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

INTERNETWORKING AND NETWORK SECURITY
INTERNETWORKING (BSC)

School of Engineering and Information Technology

Bachelor of Science (BSc) in Internetworking

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

The Internetworking major provides the knowledge and skills required to manage the complexity of the Internet of tomorrow, integrating voice, wireless, and security into the network. The major is designed in consultation with industry to meet the growing need for networking specialists with skills in security and converged voice and data networks.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

Internet access is required for all students.

Employment Prospects:

This course prepares students for a career in computer networking for business, industry or government. The course also offers training towards the excellent Cisco Certification useful in a number of areas such as Network Engineer and System Administrator that are considered very desirable by potential employers across a large range of enterprises.

Professional Recognition:

Graduates receive professional membership of the Australian Computing Society (ACS) and are eligible to sit for the following industry certification exams: Cisco Certified Network Associate (CCNA), Cisco Certified Network Professional (CCNP); Managing Securing Networks with Cisco Routers and Switches (SNRS), Securing Networks with ASA Foundation (SNAF), Securing Networks with ASA Advanced (SNAAP).

Recommended Double Majors:

Business Information Systems; Cyber Forensics and Information Security

Recommended Minors:

Software Development

Main Research Areas:

Communication standards, electronic commerce, high speed networks and distance education.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external**Breadth Unit for Degree - 3 credit points**BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external**Core Units - 15 credit points**ICT171 Introduction to Server Environments and Architectures - 3 points
MURDOCH: S1-internal, S1-externalICT159 Foundations of Programming - 3 points
MURDOCH: S1-internal, S1-externalICT169 Foundations of Data Communications - 3 points
MURDOCH: S2-internal, S2-externalMAS162 Foundations of Discrete Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-externalICT170 Foundations of Computer Systems - 3 points
MURDOCH: S2-internal, S2-external**General Electives - 3 credit points**

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year**Breadth Unit University-Wide - 3 credit points**BRD250 University Breadth Unit - 3 points
Not available this year**Core Units - 9 credit points**ICT284 Systems Analysis and Design - 3 points
Not available this yearICT291 Network Design and Implementation - 3 points
Not available this yearICT285 Databases - 3 points
Not available this year**General Electives - 9 credit points**

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year**Breadth Unit University-Wide - 3 credit points**BRD350 University Breadth in Practice Unit - 3 points
Not available this year**Core Units - 9 credit points**ICT369 Wireless and Interactive Networks - 3 points
Not available this yearICT377 Network Security - 3 points
Not available this yearICT372 Advanced Network Design and Implementation - 3 points
Not available this year**General Electives - 9 credit points**

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN INTERNETWORKING AND SECURITY (BSC(HONS))

School of Engineering and Information Technology

Bachelor of Science with Honours (BSc(Hons)) in Internetworking and Security

Course Codes: H1215

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Students interested in Honours enrolment are advised to contact the Academic Chair before applying to discuss supervision of their potential research.

English Competence:

English competence.

Apply Online:Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>**Course Structure - 24 credit points****Coursework - 12 credit points****Core Units - 4 credit points**ICT477 Information Technology Research Methodologies - 4 points
MURDOCH: S1-internal**Elective Units - 8 credit points**

Select from the following:

ICT4021 Advanced Honours Topic in Computer Science - 4 points
MURDOCH: S1-internal, S2-internal, Y-internalICT4022 Advanced Honours Topic in Computer Science - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit

(500/600-level) - 4 points

Students may also be able to take ICT4051 Advanced Honours Topic in Information Systems - 4 points or ICT4052 Advanced Honours Topic in Information Systems - 4 points with the approval of the Honours Subcommittee Chair.

Thesis - 12 credit points

ICT4029 Honours Thesis in Computer Science - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

JOURNALISM

JOURNALISM (BA)

School of Arts

Bachelor of Arts (BA) in Journalism

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

This major provides students with practical reporting, writing and producing skills in journalism and it investigates the ethical, legal and cultural contexts of the media. The major gives students the opportunity to work in an online newsroom. Students learn about the news media industry and about the influence of journalism on society. As part of the Communication degree, students also learn about media audiences and public opinion.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Graduates may follow careers in the media or as freelance writers and producers. Graduates also will have research, communication and professional skills that are useful in many corporate and public sector settings.

Recommended Double Majors:

Communication and Media Studies; Politics and International Studies; Public Relations; Web Communication

Excluded Minors:

Journalism

Main Research Areas:

Media law, ethics, storytelling and oral history.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BAR100 Academic Learning Skills - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ROCKINGHAM: S2-internal

Core Units - 9 credit points

CMS101 Introduction to Media Studies - 3 points

MURDOCH: S2-internal, S2-external

JOU104 Introduction to Journalism - 3 points

MURDOCH: S2-internal

IDD129 Introduction to Digital Media Skills - 3 points

MURDOCH: S1-internal

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points

Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points

Not available this year

Core Units - 9 credit points

JOU245 Media Law and Ethics - 3 points

Not available this year

JOU267 Photo and Video Journalism - 3 points

Not available this year

CMS203 Audiences, Users and Participants - 3 points

Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points

Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points

Not available this year

Core Units - 9 credit points

JOU322 Newsroom - 3 points

Not available this year

JOU340 Politics, Journalism and Society - 3 points

Not available this year

JOU317 Web News Production - 3 points

Not available this year

General Electives - 9 credit points

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Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

JOURNALISM (BCOMMUN)

School of Arts

Bachelor of Communication (BCommun) in Journalism

Course Codes: B1284 B1284A

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Arts in Journalism instead)
- SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English)
- Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)
- Some units only: Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Arts in Journalism instead)

Restriction: Enrolment in this course is subject to restriction.

This major provides students with practical reporting, writing and producing skills in journalism and it investigates the ethical, legal and cultural contexts of the media. The major gives students the opportunity to work in an online newsroom. Students learn about the news media industry and about the influence of journalism on society. As part of the Communication degree, students also learn about media audiences and public opinion.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Graduates may follow careers in the media or as freelance writers and producers. Graduates also will have research, communication and professional skills that are useful in many corporate and public sector settings.

Recommended Double Majors:

Communication and Media Studies; Politics and International Studies; Public Relations

Excluded Minors:

Journalism

Main Research Areas:

Media law, ethics, storytelling and oral history.

Course Structure - 72 credit points

Part I - 24 credit points

Foundation Unit - 3 credit points

From 2014, Foundation units will no longer be offered at the Murdoch Campus. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Students enrolled at the Dubai campus will enrol in:

FDN107 Next Life - 3 points
DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal
KAPLAN-SGP: TMA-internal, TSA-internal

Core Units - 12 credit points

MCC108 Introduction to Communication and Media - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

OR

CMS101 Introduction to Media Studies - 3 points
MURDOCH: S2-internal, S2-external

MCC104 Introduction to Journalism - 3 points
DUBAI-ISC: TMD-internal

OR

JOU104 Introduction to Journalism - 3 points
MURDOCH: S2-internal

MCC105 Introduction to Radio and Sound Production - 3 points
DUBAI-ISC: TMD-internal

OR

RAD105 Introduction to Radio - 3 points
MURDOCH: S2-internal (quota of 80 places)

MCC124 Photography and Digital Imaging - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

OR

PHO124 Photography 1 - 3 points
MURDOCH: S1-internal (quota of 120 places), S2-internal (quota of 120 places)
ROCKINGHAM: S1-internal (quota of 15 places)

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 48 credit points

Core Units - 24 credit points

MCC236 Media Audiences and the Public - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S1U-internal
SGP1: TMB-internal

MCC245 Media Law and Ethics - 4 points
MURDOCH: S1-internal
DUBAI-ISC: TMD-internal
SGP1: TMB-internal

MCC240 Politics, Journalism and Society - 4 points
MURDOCH: S2-internal
DUBAI-ISC: TJD-internal, TSD-internal
SGP1: TJB-internal, TSB-internal

MCC217 Web News Production - 4 points
MURDOCH: S2-internal
DUBAI-ISC: TJD-internal, TSD-internal
SGP1: TJB-internal, TSB-internal

MCC267 Photo and Video Journalism - 4 points
MURDOCH: S1-internal (quota of 80 places)
DUBAI-ISC: TJD-internal, TSD-internal
SGP1: TJB-internal, TSB-internal

MCC323 Newsroom - 4 points
MURDOCH: S1-internal, S2-internal
DUBAI-ISC: TMD-internal
SGP1: TMB-internal

General Electives - 24 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

**HONOURS IN JOURNALISM
(BCOMMUN(HONS))**

School of Arts

Bachelor of Communication with Honours (BCommun(Hons)) in Journalism

Course Codes: H1209

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at <http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 12 credit points****Core Units - 12 credit points**

MCC444 Honours Seminar in Media Communication and Culture - 4 points
MURDOCH: S1-internal

MCC4201 Honours Topic in Media Communication and Culture - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

MCC4202 Honours Topic in Media Communication and Culture - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

Thesis - 12 credit points

MCC4209 Honours Thesis in Media Communication and Culture - 12 points
MURDOCH: S1-internal, S2-internal

LAW
COMMON LAW (BCL)

School of Law

Bachelor of Common Law (BCL)

Course Codes: B1299

Duration: The qualification is equivalent to 3 years full-time study but due to advanced standing, students will complete the equivalent of one year full-time (or part-time equivalent)

Availability:

- Murdoch campus (internal) (mid-year commencement only)

This course is available to students who have completed a minimum of two years of full-time study in a recognised civil law course. Students must follow a set structure of required units over a one-year period. This will give students a foundation in the main areas of common law in order to be able to combine their own civil law system so as to provide them with a global legal formation.

Admission Requirements (Onshore):

Students will be individually assessed on eligibility based on their background in Law.

English Competence:

English competence.

Special Requirements:

Students will receive advanced standing for a minimum of 48 points based on having successfully completed at least two years of full-time studies in a civil law course overseas.

Employment Prospects:

Law, international trade and business, public service, diplomacy.

Excluded Majors:

Law; Law + Other Bachelor Degree

Course Structure - 72 credit points**Advanced Standing - 48 credit points**

Students will receive advanced standing for a minimum of 48 points based on having successfully completed at least two years of full-time study in a recognised civil law course overseas.

Part II - 24 credit points**Core Units - 12 credit points**

BCL250 Australian Common Law System - 4 points
MURDOCH: S2-internal

LAW260 Contract - 4 points
MURDOCH: S1-internal

BCL252 Tortious Liability - 4 points
MURDOCH: S2-internal

Specified Electives - 12 credit points

Select from the following:

LAW258 Australian Administrative Law - 4 points
MURDOCH: S1-internal

LAW332 Commercial Law - 4 points
MURDOCH: S2-internal

LAW352 Corporations Law - 4 points
MURDOCH: S1-internal

LAW321 Dispute Resolution - 4 points
MURDOCH: SP23-internal

LAW335 Mining and Natural Resources Law - 4 points
MURDOCH: S1-internal

LAW253 Property - 4 points
MURDOCH: S1-internal, S2-internal

LAW259 Constitutional Law - 4 points
MURDOCH: S2-internal

LAW351 Equity and Trusts - 4 points
MURDOCH: S2-internal

LAW252 Evidence - 4 points
MURDOCH: S2-internal

LAW307 Mediation - 4 points

MURDOCH: SP18-internal

LAW305 Native Title Law - 4 points
Not available this year

LAW308 Negotiation - 4 points
MURDOCH: S2-internal

LAW358 Remedies - 4 points
MURDOCH: S2-internal

LAW381 Supervised Legal Research - 4 points
MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal

LAW (LLB)

School of Law

Bachelor of Laws (LLB) in Law

Course Codes: B1321 H1247

Duration: 4 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: University of Macerata, Italy (Macerata, Italy) ['IMACERATA'] (internal) (language of instruction: English) (some Specified Electives only)
- Some units only: Geneva, Switzerland (Geneva, Switzerland) ['GENEVA'] (internal) (language of instruction: English) (some Specified Electives only)
- Some units only: City University of Hong Kong (Hong Kong) ['CITYUHK'] (internal) (by formal agreement) (language of instruction: English) (some Specified Electives only)

Restriction: Enrolment in this course is subject to restriction.

Students in the Murdoch Law degree include both candidates who enter it directly from matriculation, and mature-age students. In keeping with its character as a professional preparation, a significant proportion of the Law degree is obligatory. This gives all students a basic understanding of the legal system and an introduction to the abilities demanded by the professional practice of law. At the same time, students will be provided with opportunities to practise these abilities in simulated professional settings such as the Law School's Clinical Education Centre at Rockingham.

Students will build on this foundation through advanced unit offerings in such areas as corporate and commercial law, environmental law, family law, international law, alternative dispute resolution and human rights law.

Students in the degree may study on a part-time basis. It should be noted that, in some circumstances, enrolment in less than 12 points in a semester may mean that students will not meet the formal prerequisite requirements for units which they may wish to study in subsequent semesters.

Note: Only students admitted to the Law degree (or to a joint degree with Law or Juris Doctor qualification) are permitted to enrol in units in the Law degree. Students not admitted to the Law degree who would like to undertake legal study should refer to the Bachelor of Legal Studies.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

European Summer Program in Law and International Human Rights Program:

The School of Law is offering a selection of specified elective units

as part of its European Summer Program in Law, hosted at the University of Macerata, Italy, and its International Human Rights Program in Geneva, Switzerland. These programs will be run subject to sufficient enrolments.

Enrolment in these programs is by application to the Program Director. Students are required to pay an application fee when submitting their application. Students enrolling in the program are responsible for their own airfares, accommodation, meals and incidental expenses during the program. Students are also required to pay a fee for course materials and access to the library, Internet and other facilities at the host location.

Students in the program must possess a passport valid for at least six months from the date of departure from Perth, with eligibility for a visa to enter the host country; Permanent Residents may also require a visa for re-entry into Australia.

Students are covered by Murdoch University for travel insurance. Students are advised to be aware of Australian Department of Foreign Affairs and Trade (DFAT) travel advisories prior to their departure via the following website:

<http://www.smarttraveller.gov.au/>

All students must complete the University's online Travel Register prior to departure.

Students interested in the European Summer Program or the International Human Rights program are encouraged to contact the School of Law office for further information.

Professional Recognition:

The Murdoch Bachelor of Laws satisfies the University education requirements for the practice of law of the governing bodies of the legal profession of Western Australia. As is the pattern in the rest of Australia, before a candidate may be admitted to the practice of law in this State, certain additional requirements must be satisfied after completion of this formal university training.

Excluded Majors:

Legal Studies

Award of Bachelor of Laws with Honours (LLB(Hons)):

Students must apply for entry into Honours immediately prior to commencing their final 24 points of study.

The award of Honours is available on the basis of distinguished achievement in LAW480 Honours Thesis in Law, considered together with overall performance in LAW482 Legal Research Methods for Honours and overall performance in all Part II core Law units. Students must have achieved a specified WGPA in Murdoch Law units before they may be permitted to enrol in LAW480 and enrol in the Honours award.

Students should seek advice and further information from the Academic Chair for Law or the Law School Office.

Award with Distinction and Higher Distinction:

Graduation with Distinction or Higher Distinction is awarded on the basis of a high level of academic performance in Murdoch University Law units of LLB.

The Award of Distinction and Higher Distinction is not available to students who achieve Honours.

Graduate Entry to Bachelor of Laws:

Students with a completed undergraduate degree will be given advanced standing of 24 points for graduate entry into the Bachelor of Laws, including preclusion from three Breadth units - BJU150, BDR250 and BDR350 - where the undergraduate degree is sufficiently different from the Law degree. 72 points of Law units will be required which includes the Bachelor of Laws transition unit, and research skills units.

Course Structure - 96 credit points

Part I - 24 credit points**Year 1 - 24 credit points****Transition Unit - 3 credit points**

BJU100 Australian Legal System - 3 points
MURDOCH: S1-internal, S2-internal

Breadth Unit for Degree - 3 credit points

BJU150 Law in Context - 3 points
MURDOCH: S1-internal

Core Units - 9 credit points

LAW152 Torts - 3 points
MURDOCH: S2-internal

LAW130 Criminal Law and Procedure - 3 points
MURDOCH: S2-internal

LAW120 Legal Writing for Lawyers - 3 points
MURDOCH: S1-internal

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 72 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BJU200 Researching Legal Remedies - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 15 credit points

LLB260 Contract Law - 3 points
Not available this year

LLB253 Property Law A - 3 points
Not available this year

LLB254 Property Law B - 3 points
Not available this year

LLB258 Australian Administrative Law - 3 points
Not available this year

LLB259 Constitutional Law - 3 points
Not available this year

Specified Elective - 3 credit points

Select from the Specified Elective Unit List below.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BJU300 Legal Theory and Research - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

LLB351 Equity - 3 points
Not available this year

LLB353 Trusts - 3 points
Not available this year

LLB352 Evidence - 3 points

Not available this year

Specified Electives - 9 credit points

Select from the Specified Elective Unit List below.

Year 4 - 24 credit points**Core Units - 9 credit points**

LLB452 Corporations Law - 3 points
Not available this year

LLB468 Ethics and Professional Responsibility - 3 points
Not available this year

LLB450 Civil Procedure - 3 points
Not available this year

Specified Electives - 15 credit points

Select from the Specified Elective Unit List below.

Specified Elective Unit List

Select nine Specified Electives from the following units. Units will normally be available at least once every two years.

In addition, Special Topics are available from time to time and may be used as a Specified Elective. Students should consult the Academic Chair to confirm the offering in any particular year.

Students intending to complete Honours should contact the Academic Chair, and should also note that the Honours program will affect the number of specified electives required. It is recommended that students intending to complete Honours enrol in LLB452 Corporations Law in Year 3.

LLB257 Law in China: Continuity and Change - 3 points
Not available this year

LLB355 Admiralty Law - 3 points
Not available this year

LLB385 Advanced Clinical Legal Education - 3 points
Not available this year

LLB296 Celtic Law and Society - 3 points
Not available this year

LLB390 Clinical Legal Education - 3 points
Not available this year

LLB332 Commercial Law - 3 points
Not available this year

LLB325 Comparative Law - 3 points
IMACERATA: S2G-internal

LLB341 Conflict of Laws - 3 points
Not available this year

LLB391 Dispute Resolution - 3 points
Not available this year

LLB363 Employment Relations Law - 3 points
Not available this year

LLB356 Environmental, Sustainability and Climate Change Law - 3 points
Not available this year

LLB342 European Union Law - 3 points
IMACERATA: S2G-internal

LLB370 Family Law - 3 points
Not available this year

LLB386 Family Law Clinic - 3 points
Not available this year

LLB337 Legal Protection of International Human Rights - 3 points
MURDOCH: S1-internal
GENEVA: S2G-internal

LLB376 International Human Rights Organisations - 3 points
GENEVA: S2G-internal

LLB383 Introduction to the European Union and International Labour Market Law - 3 points
Not available this year

LLB319 Insurance Law - 3 points
Not available this year

LLB375 Intellectual Property: Trade Marks and Copyright - 3 points
Not available this year

LLB379 Intellectual Property: Patents and Sui Generis Regimes - 3 points
Not available this year

LLB387 Human Rights Law Clinic - 3 points
Not available this year

LLB339 Shipping Law - 3 points
Not available this year

LLB397 Mediation - 3 points
Not available this year

LLB335 Mining and Natural Resources Law - 3 points
Not available this year

LLB305 Native Title Law - 3 points
Not available this year

LLB398 Negotiation - 3 points
Not available this year

LLB389 Psychology and Law - 3 points
Not available this year

LLB365 Public International Law - 3 points
Not available this year

LLB284 Restorative Justice - 3 points
Not available this year

LLB388 Sentencing and Penology - 3 points
Not available this year

LLB323 Social and Welfare Law
Not available this year

LLB381 Supervised Legal Research - 3 points
GENEVA: S2G-internal
IMACERATA: S2G-internal

LLB311 International Trade Law - 3 points
IMACERATA: S2G-internal

LLB312 Law Moot - 3 points
Not available this year

LLB313 Law Review - 3 points
Not available this year

LLB314 Moot Court Bench - 3 points
Not available this year

LLB315 Willem C Vis International Commercial Arbitration Moot - 3 points
Not available this year

LLB327 Refugee Law - 3 points
GENEVA: S2G-internal

LLB328 Trial Advocacy - 3 points
Not available this year

LLB345 Succession Law - 3 points
Not available this year

LLB367 Law of Planning - 3 points
Not available this year

LLB349 Comparative Contract Law - 3 points
Not available this year

LLB372 Law of Occupational Health and Safety - 3 points
Not available this year

LLB451 Advanced Civil Procedure - 3 points
Not available this year

Award with Distinction

Students who have completed the four-year Bachelor of Laws at a high standard may be awarded their degree with Distinction or High Distinction.

Honours

Students must apply for entry into Honours immediately prior to commencing their final 24 points of study.

The award of Honours is available on the basis of distinguished achievement in LLB580 Honours Thesis in Law, considered together with overall performance in LLB582 Legal Research Methods for Honours and overall performance in all Part II core Law units. Students must have achieved a specified WGPA in Murdoch Law units before they may be permitted to enrol in LLB580 Honours Thesis in Law and enrol in the Honours award. Students should seek advice and further information from the Academic Chair for Law or the Law School Office.

LLB580 Honours Thesis in Law - 12 points
NA2014

LLB581 Honours Topics in Law - 3 points
Not available this year

LLB582 Legal Research Methods for Honours - 3 points
Not available this year

Plus 6 credit points of Law units at Part II as approved by the Honours Sub-committee.

LAW + ARTS [COMBINED] (LLB+BA)

School of Law

Bachelor of Laws (LLB) + Bachelor of Arts (BA)

Course Codes: B1326 H1248

Duration: 5 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: University of Macerata, Italy (Macerata, Italy) ['IMACERATA'] (internal) (language of instruction: English) (some Specified Electives only)
- Some units only: Geneva, Switzerland (Geneva, Switzerland) ['GENEVA'] (internal) (language of instruction: English) (some Specified Electives only)
- Some units only: City University of Hong Kong (Hong Kong) ['CITYUHK'] (internal) (by formal agreement) (language of instruction: English) (some Specified Electives only)

Restriction: Enrolment in Law and in certain other courses is subject to restriction.

Murdoch offers combined degrees which combine Law and another bachelor degree in an integrated course of study. This allows students seeking a law degree to gain a range of opportunities for the study of disciplines other than law which are greater than those for students within the law degree studied on its own. Combined degrees include the Bachelor of Laws with Bachelor of Arts, Bachelor of Science or Bachelor of Business.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Professional Recognition:

The Murdoch Bachelor of Laws satisfies the University education requirements for the practice of law of the governing bodies of the legal profession of Western Australia. As is the pattern in the rest of Australia, before a candidate may be admitted to the practice of law in this State, certain additional requirements must be satisfied after completion of this formal university training.

Recommended Double Majors:

Asian Studies; Australian Indigenous Studies; Business Information Systems; Chemistry; Computer Science; Criminology; Economics; English and Creative Writing; Environmental Science; History; Mathematics and Statistics; Philosophy; Politics and International Studies; Social and Developmental Psychology; Sociology; Sustainable Development

Excluded Majors:

Legal Studies

Award of Bachelor of Laws with Honours (LLB(Hons)):

Students must apply for entry into Honours immediately prior to commencing their final 24 points of study.

The award of Honours is available on the basis of distinguished achievement in LAW480 Honours Thesis in Law, considered together with overall performance in LAW482 Legal Research Methods for Honours and overall performance in all Part II core Law units. Students must have achieved a specified WGPA in Murdoch Law units before they may be permitted to enrol in LAW480 and enrol in the Honours award.

Students should seek advice and further information from the Academic Chair for Law or the Law School Office.

Award with Distinction and Higher Distinction:

Graduation with Distinction or Higher Distinction is awarded on the basis of a high level of academic performance in Murdoch University Law units of LLB + Other.

The award with Distinction and Higher Distinction is not available to students who achieve Honours.

Course Structure - 120 credit points

A combined degree, where one of the degrees is Law, may take longer than 5 years (10 semesters) to complete.

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

Law Units - 3 credit points

BJU100 Australian Legal System - 3 points
MURDOCH: S1-internal, S2-internal

Breadth Unit for Degree - 3 credit points

Arts Units - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 15 to 18 credit points

Law Units - 9 credit points

LAW152 Torts - 3 points
MURDOCH: S2-internal

LAW130 Criminal Law and Procedure - 3 points
MURDOCH: S2-internal

LAW120 Legal Writing for Lawyers - 3 points
MURDOCH: S1-internal

Arts Units - 6 to 9 credit points

Choose from any Arts majors. Refer to the Part I Core Unit requirements of the selected Arts major.

General Electives - 0 to 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 96 credit points

Year 2 - 24 credit points

Core Units - 24 credit points

Low Units - 15 credit points

LLB259 Constitutional Law - 3 points
Not available this year

LLB258 Australian Administrative Law - 3 points
Not available this year

LLB260 Contract Law - 3 points
Not available this year

LLB253 Property Law A - 3 points
Not available this year

LLB254 Property Law B - 3 points
Not available this year

Arts Units - 9 credit points

Refer to the Part II Core Unit requirements of the selected Arts major.

Year 3 - 24 credit points

Research Skills Units - 6 credit points

Law Units - 3 credit points

BJU200 Researching Legal Remedies - 3 points
Not available this year

Arts Units - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 15 credit points

Low Units - 9 credit points

LLB351 Equity - 3 points
Not available this year

LLB353 Trusts - 3 points
Not available this year

LLB352 Evidence - 3 points
Not available this year

Arts Units - 3 credit points

Refer to the Part II Core Unit requirements of the selected Arts major.

Specified Electives - 3 credit points

Select from the Specified Elective Unit List below.

Year 4 - 24 credit points

Research Skills Units - 6 credit points

Law Units - 3 credit points

BJU300 Legal Theory and Research - 3 points
Not available this year

Arts Units - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points**Law Units - 3 credit points**

LLB452 Corporations Law - 3 points
Not available this year

Arts Units - 6 credit points

Refer to the Part II Core Unit requirements of the selected Arts major.

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

Year 5 - 24 credit points**Core Units - 6 credit points****Law Units - 6 credit points**

LLB450 Civil Procedure - 3 points
Not available this year

LLB468 Ethics and Professional Responsibility - 3 points
Not available this year

Specified Electives - 18 credit points

Select from the Specified Elective Unit List below.

Specified Elective Unit List**Law Units**

Select Specified Electives from the following units during Years 4 and 5.

Units will normally be available at least once every two years.

In addition Special Topics are available from time to time and may be used as a specified elective. Students should consult the Academic Chair to confirm the offering in any particular year.

Students intending to complete Honours should contact the Academic Chair, and should also note that the Honours program will affect the number of specified electives required.

LLB257 Law in China: Continuity and Change - 3 points
Not available this year

LLB355 Admiralty Law - 3 points
Not available this year

LLB385 Advanced Clinical Legal Education - 3 points
Not available this year

LLB296 Celtic Law and Society - 3 points
Not available this year

LLB390 Clinical Legal Education - 3 points
Not available this year

LLB332 Commercial Law - 3 points
Not available this year

LLB325 Comparative Law - 3 points
IMACERATA: S2G-internal

LLB341 Conflict of Laws - 3 points
Not available this year

LLB391 Dispute Resolution - 3 points
Not available this year

LLB363 Employment Relations Law - 3 points
Not available this year

LLB356 Environmental, Sustainability and Climate Change Law - 3 points

Not available this year

LLB342 European Union Law - 3 points
IMACERATA: S2G-internal

LLB370 Family Law - 3 points
Not available this year

LLB386 Family Law Clinic - 3 points
Not available this year

LLB387 Human Rights Law Clinic - 3 points
Not available this year

LLB337 Legal Protection of International Human Rights - 3 points
MURDOCH: S1-internal
GENEVA: S2G-internal

LLB376 International Human Rights Organisations - 3 points
GENEVA: S2G-internal

LLB383 Introduction to the European Union and International Labour Market Law - 3 points
Not available this year

LLB319 Insurance Law - 3 points
Not available this year

LLB375 Intellectual Property: Trade Marks and Copyright - 3 points
Not available this year

LLB379 Intellectual Property: Patents and Sui Generis Regimes - 3 points
Not available this year

LLB339 Shipping Law - 3 points
Not available this year

LLB397 Mediation - 3 points
Not available this year

LLB335 Mining and Natural Resources Law - 3 points
Not available this year

LLB305 Native Title Law - 3 points
Not available this year

LLB398 Negotiation - 3 points
Not available this year

LLB389 Psychology and Law - 3 points
Not available this year

LLB365 Public International Law - 3 points
Not available this year

LLB284 Restorative Justice - 3 points
Not available this year

LLB388 Sentencing and Penology - 3 points
Not available this year

LLB323 Social and Welfare Law - 3 points
Not available this year

LLB381 Supervised Legal Research - 3 points
GENEVA: S2G-internal
IMACERATA: S2G-internal

LLB311 International Trade Law - 3 points
IMACERATA: S2G-internal

LLB312 Law Moot - 3 points
Not available this year

LLB313 Law Review - 3 points
Not available this year

LLB314 Moot Court Bench - 3 points
Not available this year

LLB315 Willem C Vis International Commercial Arbitration Moot
- 3 points
Not available this year

LLB327 Refugee Law - 3 points
GENEVA: S2G-internal

LLB328 Trial Advocacy
Not available this year

LLB345 Succession Law - 3 points
Not available this year

LLB367 Law of Planning - 3 points
Not available this year

LLB349 Comparative Contract Law - 3 points
Not available this year

LLB372 Law of Occupational Health and Safety - 3 points
Not available this year

LLB451 Advanced Civil Procedure - 3 points
Not available this year

Award with Distinction

Students who have completed the four-year Bachelor of Laws at a high standard may be awarded their degree with Distinction or High Distinction.

Honours

Students must apply for entry into Honours immediately prior to commencing their final 24 points of study.

The award of Honours is available on the basis of distinguished achievement in LLB580 Honours Thesis in Law, considered together with overall performance in LLB582 Legal Research Methods for Honours and overall performance in all Part II Core Law Units. Students must have achieved a specified WGPA in Murdoch Law units before they may be permitted to enrol in LLB580 Honours Thesis in Law and enrol in the Honours award. Students should seek advice and further information from the Academic Chair for Law or the Law School Office.

LLB580 Honours Thesis in Law - 12 points
NA 2014

LLB582 Legal Research Methods for Honours - 3 points
Not available this year

Plus 6 credit points of Law units as approved by the Honours Sub-committee.

LAW + BUSINESS [COMBINED] (LLB+BBUS)

School of Law

Bachelor of Laws (LLB) + Bachelor of Business (BBUS)

Course Codes: B1325 H1249

Duration: 5 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: University of Macerata, Italy (Macerata, Italy) ['IMACERATA'] (internal) (language of instruction: English) (some Specified Electives only)
- Some units only: Geneva, Switzerland (Geneva, Switzerland) ['GENEVA'] (internal) (language of instruction: English) (some Specified Electives only)
- Some units only: City University of Hong Kong (Hong Kong) ['CITYUHK'] (internal) (by formal agreement) (language of instruction: English) (some Specified Electives only)

Restriction: Enrolment in Law and in certain other courses is subject to restriction.

Murdoch offers combined degrees which combine Law and another

bachelor degree in an integrated course of study. This allows students seeking a law degree to gain a range of opportunities for the study of disciplines other than law which are greater than those for students within the law degree studied on its own. Combined degrees include the Bachelor of Laws with Bachelor of Arts, Bachelor of Science or Bachelor of Business.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Professional Recognition:

The Murdoch Bachelor of Laws satisfies the University education requirements for the practice of law of the governing bodies of the legal profession of Western Australia. As is the pattern in the rest of Australia, before a candidate may be admitted to the practice of law in this State, certain additional requirements must be satisfied after completion of this formal university training.

Recommended Double Majors:

Asian Studies; Australian Indigenous Studies; Business Information Systems; Chemistry; Computer Science; Criminology; Economics; English and Creative Writing; Environmental Science; History; Mathematics and Statistics; Philosophy; Politics and International Studies; Social and Developmental Psychology; Sociology; Sustainable Development

Excluded Majors:

Business Law

Award of Bachelor of Laws with Honours (LLB(Hons)):

Students must apply for entry into Honours immediately prior to commencing their final 24 points of study.

The award of Honours is available on the basis of distinguished achievement in LAW480 Honours Thesis in Law, considered together with overall performance in LAW482 Legal Research Methods for Honours and overall performance in all Part II core Law units. Students must have achieved a specified WGPA in Murdoch Law units before they may be permitted to enrol in LAW480 and enrol in the Honours award.

Students should seek advice and further information from the Academic Chair for Law or the Law School Office.

Award with Distinction and Higher Distinction:

Graduation with Distinction or Higher Distinction is awarded on the basis of a high level of academic performance in Murdoch University Law units of LLB + Other.

The award with Distinction and Higher Distinction is not available to students who achieve Honours.

Course Structure - 120 credit points

A combined degree, where one of the degrees is Law, may take longer than 5 years (10 semesters) to complete.

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BJU100 Australian Legal System - 3 points
MURDOCH: S1-internal, S2-internal

Breadth Unit for Degree - 3 credit points

BBS150 Transforming Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 18 credit points

Law Units - 9 credit points

LAW152 Torts - 3 points
MURDOCH: S2-internal

LAW130 Criminal Law and Procedure - 3 points
MURDOCH: S2-internal

LAW120 Legal Writing for Lawyers - 3 points
MURDOCH: S1-internal

Business Units - 9 credit points

Choose from any Business majors excluding Business Law. Refer to the Part I Core Unit Requirements of the selected Business major.

Part II - 96 credit points

Year 2 - 24 credit points

Core Units - 24 credit points

Law Units - 15 credit points

LLB259 Constitutional Law - 3 points
Not available this year

LLB258 Australian Administrative Law - 3 points
Not available this year

LLB260 Contract Law - 3 points
Not available this year

LLB253 Property Law A - 3 points
Not available this year

LLB254 Property Law B - 3 points
Not available this year

Business Units - 9 credit points

Refer to the Part II Core Unit Requirements of the selected Business major.

Year 3 - 24 credit points

Research Skills Units - 6 credit points

BJU200 Researching Legal Remedies - 3 points
Not available this year

BBS200 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 15 credit points

Law Units - 9 credit points

LLB351 Equity - 3 points
Not available this year

LLB353 Trusts - 3 points
Not available this year

LLB352 Evidence - 3 points
Not available this year

Business Units - 3 credit points

Refer to the Part II Core Unit Requirements of the selected Business major.

Specified Elective - 3 credit points

Select from the Specified Elective Unit List below.

Year 4 - 24 credit points

Research Skills Units - 6 credit points

BJU300 Legal Theory and Research - 3 points
Not available this year

BBS300 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

Law Units - 3 credit points

LLB452 Corporations Law - 3 points
Not available this year

Business Units - 6 credit points

Refer to the Part II Core Unit Requirements of the selected Business major.

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

Year 5 - 24 credit points

Core Units - 6 credit points

Law Units - 6 credit points

LLB450 Civil Procedure - 3 points
Not available this year

LLB468 Ethics and Professional Responsibility - 3 points
Not available this year

Specified Electives - 18 credit points

Select from the Specified Elective Unit List below.

Specified Elective Unit List

Law Units

Select Specified Electives from the following units during Years 4 and 5.

Units will normally be available at least once every two years.

In addition Special Topics are available from time to time and may be used as a specified elective. Students should consult the Academic Chair to confirm the offering in any particular year.

Students intending to complete Honours should contact the Academic Chair, and should also note that the Honours program will affect the number of specified electives required.

LLB257 Law in China: Continuity and Change - 3 points
Not available this year

LLB355 Admiralty Law - 3 points
Not available this year

LLB385 Advanced Clinical Legal Education - 3 points
Not available this year

LLB296 Celtic Law and Society - 3 points
Not available this year

LLB390 Clinical Legal Education - 3 points
Not available this year

LLB332 Commercial Law - 3 points
Not available this year

LLB325 Comparative Law - 3 points
IMACERATA: S2G-internal

LLB341 Conflict of Laws - 3 points
Not available this year

LLB391 Dispute Resolution - 3 points
Not available this year

LLB363 Employment Relations Law - 3 points
Not available this year

LLB356 Environmental, Sustainability and Climate Change Law - 3 points
Not available this year

LLB342 European Union Law - 3 points

IMACERATA: S2G-internal

LLB370 Family Law - 3 points

Not available this year

LLB386 Family Law Clinic - 3 points

Not available this year

LLB387 Human Rights Law Clinic - 3 points

Not available this year

LLB337 Legal Protection of International Human Rights - 3 points

MURDOCH: S1-internal

GENEVA: S2G-internal

LLB376 International Human Rights Organisations - 3 points

GENEVA: S2G-internal

LLB383 Introduction to the European Union and International Labour Market Law - 3 points

Not available this year

LLB319 Insurance Law - 3 points

Not available this year

LLB375 Intellectual Property: Trade Marks and Copyright - 3 points

Not available this year

LLB379 Intellectual Property: Patents and Sui Generis Regimes - 3 points

Not available this year

LLB339 Shipping Law - 3 points

Not available this year

LLB397 Mediation - 3 points

Not available this year

LLB335 Mining and Natural Resources Law - 3 points

Not available this year

LLB305 Native Title Law - 3 points

Not available this year

LLB398 Negotiation - 3 points

Not available this year

LLB389 Psychology and Law - 3 points

Not available this year

LLB365 Public International Law - 3 points

Not available this year

LLB284 Restorative Justice - 3 points

Not available this year

LLB388 Sentencing and Penology - 3 points

Not available this year

LLB323 Social and Welfare Law - 3 points

Not available this year

LLB381 Supervised Legal Research - 3 points

GENEVA: S2G-internal

IMACERATA: S2G-internal

LLB311 International Trade Law - 3 points

IMACERATA: S2G-internal

LLB312 Law Moot - 3 points

Not available this year

LLB313 Law Review - 3 points

Not available this year

LLB314 Moot Court Bench - 3 points

Not available this year

LLB315 Willem C Vis International Commercial Arbitration Moot - 3 points

Not available this year

LLB327 Refugee Law - 3 points

GENEVA: S2G-internal

LLB328 Trial Advocacy - 3 points

Not available this year

LLB345 Succession Law - 3 points

Not available this year

LLB367 Law of Planning - 3 points

Not available this year

LLB349 Comparative Contract Law - 3 points

Not available this year

LLB372 Law of Occupational Health and Safety - 3 points

Not available this year

LLB451 Advanced Civil Procedure - 3 points

Not available this year

Award with Distinction

Students who have completed the four-year Bachelor of Laws at a high standard may be awarded their degree with Distinction or High Distinction.

Honours

Students must apply for entry into Honours immediately prior to commencing their final 24 points of study.

The award of Honours is available on the basis of distinguished achievement in LLB580 Honours Thesis in Law, considered together with overall performance in LLB582 Legal Research Methods for Honours and overall performance in all Part II core Law units. Students must have achieved a specified WGPA in Murdoch Law units before they may be permitted to enrol in LLB580 Honours Thesis in Law and enrol in the Honours award. Students should seek advice and further information from the Academic Chair for Law or the Law School Office.

LLB580 Honours Thesis in Law - 12 points

NA 2014

LLB582 Legal Research Methods for Honours

Not available this year

Plus 6 credit points of Law units as approved by the Honours Sub-committee.

LAW + SCIENCE [COMBINED] (LLB+BSC)

School of Law

Bachelor of Laws (LLB) + Bachelor of Science (BSc)

Course Codes: B1324 H1250

Duration: 5 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: University of Macerata, Italy (Macerata, Italy) ['IMACERATA'] (internal) (language of instruction: English) (some Specified Electives only)
- Some units only: Geneva, Switzerland (Geneva, Switzerland) ['GENEVA'] (internal) (language of instruction: English) (some Specified Electives only)
- Some units only: City University of Hong Kong (Hong Kong) ['CITYUHK'] (internal) (by formal agreement) (language of instruction: English) (some Specified Electives only)

Restriction: Enrolment in Law and in certain other courses is subject to restriction.

Murdoch offers combined degrees which combine Law and another bachelor degree in an integrated course of study. This allows students seeking a law degree to gain a range of opportunities for

the study of disciplines other than law which are greater than those for students within the law degree studied on its own. Combined degrees include the Bachelor of Laws with Bachelor of Arts, Bachelor of Science or Bachelor of Business.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Professional Recognition:

The Murdoch Bachelor of Laws satisfies the University education requirements for the practice of law of the governing bodies of the legal profession of Western Australia. As is the pattern in the rest of Australia, before a candidate may be admitted to the practice of law in this State, certain additional requirements must be satisfied after completion of this formal university training.

Recommended Double Majors:

Asian Studies; Australian Indigenous Studies; Business Information Systems; Chemistry; Computer Science; Criminology; Economics; English and Creative Writing; Environmental Science; History; Mathematics and Statistics; Philosophy; Politics and International Studies; Social and Developmental Psychology; Sociology; Sustainable Development

Excluded Majors:

Legal Studies

Award of Bachelor of Laws with Honours (LLB(Hons)):

Students must apply for entry into Honours immediately prior to commencing their final 24 points of study.

The award of Honours is available on the basis of distinguished achievement in LAW480 Honours Thesis in Law, considered together with overall performance in LAW482 Legal Research Methods for Honours and overall performance in all Part II core Law units. Students must have achieved a specified WGPA in Murdoch Law units before they may be permitted to enrol in LAW480 and enrol in the Honours award.

Students should seek advice and further information from the Academic Chair for Law or the Law School Office.

Award with Distinction and Higher Distinction:

Graduation with Distinction or Higher Distinction is awarded on the basis of a high level of academic performance in Murdoch University Law units of LLB + Other.

The award with Distinction and Higher Distinction is not available to students who achieve Honours.

Course Structure - 120 credit points

A combined degree, where one of the degrees is Law, may take longer than 5 years (10 semesters) to complete.

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BJU100 Australian Legal System - 3 points
MURDOCH: S1-internal, S2-internal

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 18 credit points

Law Units - 9 credit points

LAW152 Torts - 3 points
MURDOCH: S2-internal

LAW130 Criminal Law and Procedure - 3 points
MURDOCH: S2-internal

LAW120 Legal Writing for Lawyers - 3 points
MURDOCH: S1-internal

Science Units - 9 credit points

Choose from any Science majors. Refer to the Part I Core Unit requirements of the selected Science major.

Part II - 96 credit points

Year 2 - 24 credit points

Core Units - 24 credit points

Low Units - 15 credit points

LLB259 Constitutional Law - 3 points
Not available this year

LLB258 Australian Administrative Law - 3 points
Not available this year

LLB260 Contract Law - 3 points
Not available this year

LLB253 Property Law A - 3 points
Not available this year

LLB254 Property Law B - 3 points
Not available this year

Science Units - 9 credit points

Refer to the Part II Core Unit requirements of the selected Science major.

Year 3 - 24 credit points

Research Skills Units - 6 credit points

BJU200 Researching Legal Remedies - 3 points
Not available this year

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 15 credit points

Law Units - 9 credit points

LLB351 Equity - 3 points
Not available this year

LLB353 Trusts - 3 points
Not available this year

LLB352 Evidence - 3 points
Not available this year

Science Units - 3 credit points

Refer to the Part II Core Unit requirements of the selected Science major.

Specified Elective - 3 credit points

Select from the Specified Elective Unit List below.

Year 4 - 24 credit points

Research Skills Units - 6 credit points

BJU300 Legal Theory and Research - 3 points
Not available this year

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

Law Units - 3 credit points

LLB452 Corporations Law - 3 points
Not available this year

Science Units - 6 credit points

Refer to the Part II Core Unit requirements of the selected Science major.

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

Year 5 - 24 credit points**Core Units - 6 credit points****Law Units - 6 credit points**

LLB450 Civil Procedure - 3 points
Not available this year

LLB468 Ethics and Professional Responsibility - 3 points
Not available this year

Specified Electives - 18 credit points

Select from the Specified Elective Unit List below.

Specified Elective Unit List**Law Units**

Select Specified Electives from the following units during Years 4 and 5.

Units will normally be available at least once every two years.

In addition Special Topics are available from time to time and may be used as a specified elective. Students should consult the Academic Chair to confirm the offering in any particular year.

Students intending to complete Honours should contact the Academic Chair, and should also note that the Honours program will affect the number of specified electives required.

LLB257 Law in China: Continuity and Change - 3 points
Not available this year

LLB355 Admiralty Law - 3 points
Not available this year

LLB385 Advanced Clinical Legal Education - 3 points
Not available this year

LLB296 Celtic Law and Society - 3 points
Not available this year

LLB390 Clinical Legal Education - 3 points
Not available this year

LLB332 Commercial Law - 3 points
Not available this year

LLB325 Comparative Law - 3 points
IMACERATA: S2G-internal

LLB341 Conflict of Laws - 3 points
Not available this year

LLB391 Dispute Resolution - 3 points
Not available this year

LLB363 Employment Relations Law - 3 points
Not available this year

LLB356 Environmental, Sustainability and Climate Change Law - 3 points
Not available this year

LLB342 European Union Law - 3 points
IMACERATA: S2G-internal

LLB370 Family Law - 3 points

Not available this year

LLB386 Family Law Clinic - 3 points
Not available this year

LLB387 Human Rights Law Clinic - 3 points
Not available this year

LLB337 Legal Protection of International Human Rights - 3 points
MURDOCH: S1-internal
GENEVA: S2G-internal

LLB376 International Human Rights Organisations - 3 points
GENEVA: S2G-internal

LLB383 Introduction to the European Union and International Labour Market Law - 3 points
Not available this year

LLB319 Insurance Law - 3 points
Not available this year

LLB375 Intellectual Property: Trade Marks and Copyright - 3 points
Not available this year

LLB379 Intellectual Property: Patents and Sui Generis Regimes - 3 points
Not available this year

LLB339 Shipping Law - 3 points
Not available this year

LLB397 Mediation - 3 points
Not available this year

LLB335 Mining and Natural Resources Law - 3 points
Not available this year

LLB305 Native Title Law - 3 points
Not available this year

LLB398 Negotiation - 3 points
Not available this year

LLB389 Psychology and Law - 3 points
Not available this year

LLB365 Public International Law - 3 points
Not available this year

LLB284 Restorative Justice - 3 points
Not available this year

LLB388 Sentencing and Penology - 3 points
Not available this year

LLB323 Social and Welfare Law - 3 points
Not available this year

LLB381 Supervised Legal Research - 3 points
GENEVA: S2G-internal
IMACERATA: S2G-internal

LLB311 International Trade Law - 3 points
IMACERATA: S2G-internal

LLB312 Law Moot - 3 points
Not available this year

LLB313 Law Review - 3 points
Not available this year

LLB314 Moot Court Bench - 3 points
Not available this year

LLB315 Willem C Vis International Commercial Arbitration Moot - 3 points
Not available this year

LLB327 Refugee Law - 3 points
GENEVA: S2G-internal

LLB328 Trial Advocacy - 3 points

Not available this year

LLB345 Succession Law - 3 points

Not available this year

LLB367 Law of Planning - 3 points

Not available this year

LLB349 Comparative Contract Law - 3 points

Not available this year

LLB372 Law of Occupational Health and Safety - 3 points

Not available this year

LLB451 Advanced Civil Procedure - 3 points

Not available this year

Award with Distinction

Students who have completed the four-year Bachelor of Laws at a high standard may be awarded their degree with Distinction or High Distinction.

Honours

Students must apply for entry into Honours immediately prior to commencing their final 24 points of study.

The award of Honours is available on the basis of distinguished achievement in LLB580 Honours Thesis in Law, considered together with overall performance in LLB582 Legal Research Methods for Honours and overall performance in all Part II Core Law Units. Students must have achieved a specified WGPA in Murdoch Law units before they may be permitted to enrol in LLB580 Honours Thesis in Law and enrol in the Honours award. Students should seek advice and further information from the Academic Chair for Law or the Law School Office.

LLB580 Honours Thesis in Law - 12 points

NA 2014

LLB582 Legal Research Methods for Honours - 3 points

Not available this year

Plus 6 credit points of Law units as approved by the Honours Sub-committee.

LEGAL STUDIES

LEGAL STUDIES (BA)

School of Law

Bachelor of Arts (BA) in Legal Studies

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

This major will provide students with the knowledge and skills necessary to analyse the dynamic role and function of law in society, to understand legal concepts and language and to develop expertise in legal research and reasoning. Studies will focus on a range of social welfare and dispute resolution issues.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or

the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Employment prospects are varied. The interdisciplinary nature of the degree and the ability of students to undertake double majors or additional minors enhances job prospects in any field with which law has a connection.

Recommended Double Majors:

Criminology; Philosophy; Politics and International Studies; Sociology

Recommended Minors:

Criminology; Journalism; Management; Marketing; Mass Communication; Politics; Social and Developmental Psychology; Sociology

Excluded Majors:

Law; Law + Arts [Combined]; Law + Science [Combined]

Excluded Minors:

Legal Studies

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BAR100 Academic Learning Skills - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ROCKINGHAM: S2-internal

Core Units - 9 credit points

LEG150 Introduction to Legal Studies - 3 points

MURDOCH: S1-internal

LEG100 Law, Justice and Social Policy - 3 points

MURDOCH: S2-internal

ROCKINGHAM: S1-internal

LEG120 Legal Research - 3 points

MURDOCH: S1-internal

ROCKINGHAM: S2-internal

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

BJU150 Law in Context is a recommended general elective for Legal Studies students.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points

Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Unit - 3 credit points

LEG253 Introduction to Administrative Law - 3 points
Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Unit - 3 credit points

LEG323 Social and Welfare Law - 3 points
Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Specified Elective Unit List

Select Specified Electives from the following units during Years 2 and 3, subject to individual unit prerequisites. At least 2 units must be at 200 level and at least 2 units must be at 300 level.

LEG201 Criminal Law in Western Australia - 3 points
Not available this year

SOC202 Sociology of Law - 3 points
Not available this year

LEG296 Celtic Law and Society - 3 points
Not available this year

CRM284 Restorative Justice - 3 points
Not available this year

LEG391 Dispute Resolution - 3 points
Not available this year

LEG397 Mediation - 3 points
Not available this year

LEG398 Negotiation - 3 points
Not available this year

HONOURS IN LEGAL STUDIES (BLS(HONS))

School of Law

Bachelor of Legal Studies with Honours (BLS(Hons))

Course Codes: H1217

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Dean of the School.

Students interested in Honours enrolment are advised to contact the Law School Office before application to discuss supervision of their potential research.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 4 credit points

LEG430 Legal Studies Honours Seminar - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

Elective Units - 8 credit points

Select from the following:

LEG4101 Honours Placement in Legal Studies - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

LEG4102 Advanced Socio-legal Research Methods for Legal Studies - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

LEG4103 Topical Issues in Legal Studies - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500-level) - 4 points

Thesis - 12 credit points

LEG4109 Honours Thesis in Legal Studies - 12 points
MURDOCH: S1-internal, Y-internal

MANAGEMENT

MANAGEMENT (BBUS)

School of Management and Governance

Bachelor of Business (BBus) in Management

Course Codes: B1318

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Management refers to the process of employing resources to achieve customer needs. Traditionally, the study of management was concerned with the four functions of planning, organising, directing and controlling. Although these functions are vital for the well-being of organisations, contemporary workplaces are highly

dynamic and they bring a new set of challenges to management. The study of management explores a wide range of relevant issues, theories and perspectives to better prepare people to understand the complexities and responsibilities of managerial life in the twenty-first century.

A fourth year of study is available in the form of an honours year.

A Bachelor of Business provides a broad understanding of individual, organisational and societal issues. You will have the practical skills to identify business opportunities, analyse problems and implement solutions and you will be able to demonstrate a knowledge of business principles across key functional areas. You will have depth of knowledge in one or more business disciplines: accounting, banking, business law, economics, finance, hospitality and tourism management, human resources management, international business, management, marketing.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Recommended Double Majors:

Hospitality and Tourism Management; Human Resources Management; Marketing

Excluded Minors:

Human Resources Management; Management

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Breadth Unit for Degree - 3 credit points

BBS150 Transforming Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 12 credit points

BUS130 Foundational Mathematics for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS176 Foundations of Management and Governance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BSL165 Foundations of Business Law - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

BUS170 Foundations of Accounting - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BBS200 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

BUS293 Organisational Theory and Behaviour - 3 points
Not available this year

BSL202 Workplace Law - 3 points
Not available this year

BUS298 Organisation Development and Change - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BBS300 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

BUS348 Knowledge Management - 3 points
Not available this year

BUS349 Strategic Management - 3 points
Not available this year

BUS344 International Management - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

MANAGEMENT (BCOM)

School of Management and Governance

Bachelor of Commerce (BCom) in Management

Course Codes: B1003 B1003A

Duration: 3 years full-time or part-time equivalent; SGP1: 4 trimesters full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Management instead)
- Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Management instead)
- SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English)
- KDU College (Petaling Jaya, Malaysia) ['KDUP'] (internal) (by formal agreement) (language of instruction: English) (no new admissions from 2014 at this location; this course is only available to students who are already enrolled)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP']

(internal) (by formal agreement) (language of instruction: English)
 • Murdoch University International Study Centre (Dubai, UAE)
 ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)

Management refers to the process of employing resources to achieve customer needs. Traditionally, the study of management was concerned with the four functions of planning, organising, directing and controlling. Although these functions are vital for the well-being of organisations, contemporary workplaces are highly dynamic and they bring a new set of challenges to management. The study of management explores a wide range of relevant issues, theories and perspectives to better prepare people to understand the complexities and responsibilities of managerial life in the twenty-first century.

A fourth year of study is available in the form of an honours year.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Recommended Double Majors:

Human Resource Management; Marketing

Excluded Minors:

Management

Course Structure - 72 credit points

Part I - 24 credit points

Foundation Unit - 3 credit points

From 2014, Foundation units will no longer be offered at the Murdoch Campus. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BBS100 Academic Skills for Business - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external
 ROCKINGHAM: S2-internal

Students enrolled at the Dubai campus will enrol in:

FDN107 Next Life - 3 points
 DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal
 KAPLAN-SGP: TMA-internal, TSA-internal

Core Units - 15 credit points

BSL165 Foundations of Business Law - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external
 ROCKINGHAM: S1-internal

OR

BUS165 Principles of Commercial Law - 3 points
 DUBAI-ISC: TMD-internal

BUS161 Introduction to Economics - 3 points
 DUBAI-ISC: TJD-internal, TSD-internal

OR

BUS171 Foundations of Economics - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external,
 SUM-internal
 ROCKINGHAM: S1-internal

BUS160 Introduction to Accounting - 3 points
 DUBAI-ISC: TMD-internal

OR

BUS170 Foundations of Accounting - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external
 ROCKINGHAM: S1-internal

BUS169 Principles of Marketing - 3 points
 DUBAI-ISC: TJD-internal, TSD-internal

OR

BUS183 Foundations of Marketing - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external

BUS145 Principles of Management - 3 points
 MURDOCH: SUM-internal
 DUBAI-ISC: TMD-internal

OR

BUS176 Foundations of Management and Governance - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external
 ROCKINGHAM: S2-internal

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 48 credit points

Core Units - 24 credit points

BUS223 Organisational Theory and Behaviour - 4 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external
 DUBAI-ISC: TMD-internal
 KAPLAN-SGP: TMA-internal
 KDUPJ: S1U-internal
 SGP1: TMB-internal

BSL228 Workplace Law - 4 points
 MURDOCH: S2-internal, S2-external
 KDUPJ: S2U-internal

OR

BUS228 Workplace Law - 4 points
 DUBAI-ISC: TMD-internal
 KAPLAN-SGP: TMA-internal
 SGP1: TMB-internal

BUS240 Organisation Development and Human Resources Management - 4 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external
 DUBAI-ISC: TJD-internal, TSD-internal
 KAPLAN-SGP: TJA-internal, TSA-internal
 KDUPJ: S2U-internal
 SGP1: TJB-internal, TSB-internal

BUS378 Knowledge and Organisational Learning - 4 points
 MURDOCH: S1-internal, S1-external
 DUBAI-ISC: TMD-internal
 KAPLAN-SGP: TMA-internal
 KDUPJ: S1U-internal
 SGP1: TMB-internal

BUS317 Strategic Management - 4 points
 MURDOCH: S2-internal, S2-external
 DUBAI-ISC: TMD-internal
 KAPLAN-SGP: TMA-internal
 KDUPJ: S2U-internal
 SGP1: TMB-internal

BUS323 International Management - 4 points
 MURDOCH: S1-internal, S1-external
 DUBAI-ISC: TJD-internal, TSD-internal
 KAPLAN-SGP: TJA-internal, TSA-internal
 KDUPJ: S1U-internal
 SGP1: TJB-internal, TSB-internal

General Electives - 24 credit points

Select from any 200- to 400-level units offered by the University,

subject to individual unit prerequisites.

Recommended for General Elective points only:

BUS267 Work-Based Learning - 4 points
MURDOCH: S1-internal (quota of 50 places)
This unit is recommended for final year students.

BUS352 International Study Tour - 4 points
MURDOCH: W-internal (quota of 15 places)
Students must have completed their Part I units.

HONOURS IN MANAGEMENT (BCOM(HONS))

School of Management and Governance

Bachelor of Commerce with Honours (BCom(Hons)) in Management

Course Codes: H1205

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop the ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average in units relating to the planned Honours study and a Distinction average overall. Subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 12 credit points

BUS4011 Advanced Honours Topic in Commerce - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

BUS4012 Advanced Honours Topic in Commerce - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

BUS4013 Advanced Honours Research Preparation - 4 points
MURDOCH: S1-internal, S2-internal

Thesis - 12 credit points

BUS4019 Honours Thesis in Commerce - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

MARINE SCIENCE

MARINE SCIENCE (BSC)

School of Veterinary and Life Sciences

Bachelor of Science (BSc) in Marine Science

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

Murdoch University offers a Marine Science major at undergraduate level to provide specialised knowledge enabling students to understand the complex physical and biological interactions within the ocean, to gain an ability to assess the state of the marine environment, and to be able to predict the consequences of future disturbances to this environment.

These majors will provide skills to apply the knowledge gained towards environmental management, with an emphasis on coastal systems. A number of units deal specifically with coastal management issues and oceanography and marine pollution.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements. There are no prerequisites for admission but it is highly desirable for students to have undertaken TEE Chemistry or Chemistry 3A/3B and at least TEE Discrete Mathematics or Mathematics 2C/2D.

English Competence:

English competence.

Special Requirements:

Students undertaking units in Marine Science will not be required to kill any vertebrate animal but they will be required to work with fresh tissue from dead animals in certain units.

Employment Prospects:

Through a combination of required and elective units, students can direct their studies towards employment opportunities in marine environmental management, fisheries, aquaculture, the offshore oil and gas industry, tourism and recreation, marine biotechnology, biodiversity conservation and marine ecology.

Recommended Double Majors:

Biological Sciences; Conservation and Wildlife Biology; Environmental Science

Recommended Minors:

Animal Biology; Applied Statistics; Conservation Biology; Ecosystem Management; Environmental Issues; Fisheries Science; Marine Biology; Mathematical Modelling; Molecular Biology; Pollution Science

Main Research Areas:

Marine biology and ecology, fisheries science, air-sea interaction, coastal and marine management, environmental management, pollution, marine conservation, marine biotechnology, hydrodynamics.

Course Commencement:

Students are advised that a Semester 1 intake is preferred. A

Semester 2 start will require 3.5 years to complete.

Major Prerequisites

Chemistry Background

Students who achieved a final scaled score of 50 percent or more in Chemistry 3A/3B within the past three years should seek an exemption from their Academic Chair for CHE140 Fundamentals of Chemistry. Students who have completed previous chemistry not stated above should also consult their Academic Chair for clarification of their enrolment requirements.

Mathematics Background

Students need to have completed one of the following within the past three years:

Mathematics 2C/2D with a final scaled score of 55 percent or more

OR

MAS164 Fundamentals of Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous mathematics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

BIO180 Introduction to Marine Biology - 3 points
MURDOCH: S1-internal

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

CHE144 Foundations of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ENV102 Foundations of the Environment - 3 points
MURDOCH: S2-internal, S2-external

MAS183 Statistical Data Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 12 credit points

BIO244 Animal Diversity - 3 points
Not available this year

BIO254 Plant Diversity (Marine Science) - 3 points
Not available this year

ENV244 Oceanography and Marine Pollution - 3 points
Not available this year

ENV242 Atmospheric Science - 3 points
Not available this year

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 6 credit points

BIO377 Marine Ecology - 3 points
Not available this year

ENV333 Coastal and Marine Management - 3 points
Not available this year

General Electives - 12 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN MARINE SCIENCE (BSC(HONS))

School of Veterinary and Life Sciences

Bachelor of Science with Honours (BSc(Hons)) in Marine Science

Course Codes: H1039

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Dean of School. Students interested in enrolling in Honours are advised to contact the Academic Chair before application to discuss supervision of their potential research project.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Employment Prospects:

Employment opportunities exist in marine environmental management, fisheries, aquaculture, the offshore oil and gas industry, tourism and recreation, marine biotechnology, biodiversity conservation and marine ecology.

Main Research Areas:

Marine biology and ecology, fisheries science, air-sea interaction, coastal and marine management, environmental management, pollution, marine conservation, marine biotechnology, hydrodynamics.

Course Structure - 24 credit points**For Biological Sciences Students****Thesis - 24 credit points**

BIO4069 Honours Thesis in Marine Science - 24 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

For Environmental Science Students**Coursework - 4 credit points**

ENV523 Environmental Science Research Methods - 4 points
 MURDOCH: S1-internal, S1-external

Thesis - 20 credit points

ENV4069 Honours Thesis in Marine Science - 20 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

MARKETING

MARKETING (BBUS)

School of Management and Governance

Bachelor of Business (BBUS) in Marketing

Course Codes: B1318

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external) (all but one unit)

Marketing is about understanding market trends, and developing sustainable competitive strategies for products and services to satisfy customers profitability. The Marketing major provides the required knowledge and skills, which all types of employers (private, public and voluntary sectors) look for. Typical job destinations are in brand management, retail and distribution management, marketing communications, market research and development of marketing strategy plans. Units offered cover a number of interesting topics such as Electronic Marketing, International Marketing, Advertising Production and Services (Tourism) Marketing. All marketing theory is brought to life by case studies, strategic marketing projects (capstone 3rd year), overseas study tours and work placements.

A Bachelor of Business provides a broad understanding of individual, organisational and societal issues. You will have the practical skills to identify business opportunities, analyse problems and implement solutions and you will be able to demonstrate a knowledge of business principles across key functional areas. You will have depth of knowledge in one or more business disciplines: accounting, banking, business law, economics, finance, hospitality and tourism management, human resources management,

international business, management, marketing.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Students are often surprised to find how broadly applicable marketing can be to a variety of occupations. Marketing is relevant not only to manufacturing companies, wholesalers and retailers but to every organisation. Lawyers, accountants, physicians and management consultants are increasingly using marketing ideas to expand their practices. Anyone involved in an exchange process would benefit from a unit in marketing.

Professional Recognition:

Australian Marketing Institute.

Recommended Double Majors:

Human Resources Management; Management

Recommended Minors:

Public Relations

Excluded Minors:

Marketing

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BBS100 Academic Skills for Business - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external
 ROCKINGHAM: S2-internal

Breadth Unit for Degree - 3 credit points

BBS150 Transforming Business - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external
 ROCKINGHAM: S2-internal

Core Units - 12 credit points

BUS130 Foundational Mathematics for Business - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external
 ROCKINGHAM: S2-internal

BUS176 Foundations of Management and Governance - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external
 ROCKINGHAM: S2-internal

BUS171 Foundations of Economics - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external, SUM-internal
 ROCKINGHAM: S1-internal

BUS183 Foundations of Marketing - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external

General Electives - 6 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BBS200 Bachelor of Business Research Skills Unit - 3 points
 Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

BUS296 Services Marketing - 3 points
Not available this year

BUS299 Consumer Behaviour - 3 points
Not available this year

BUS210 Marketing Research and Analysis - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BBS300 Bachelor of Business Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

BUS343 International Marketing - 3 points
Not available this year

BUS350 Strategic Marketing - 3 points
Not available this year

BUS302 Integrated Marketing Communications - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

MARKETING (BCOM)

School of Management and Governance

Bachelor of Commerce (BCom) in Marketing

Course Codes: B1003 B1003A

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Business in Marketing instead)
- SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English)
- KDU College (Petaling Jaya, Malaysia) ['KDUPJ'] (internal) (by formal agreement) (language of instruction: English) (no new admissions from 2014 at this location; this course is only available to students who are already enrolled)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
- Kaplan Higher Education Institute (Hong Kong, China) ['HK1'] (internal) (by formal agreement) (language of instruction: English)
- Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)
- Some units only: Murdoch campus (external) (all but one unit; no new admissions from 2014)

Marketing is about understanding market trends, and developing

sustainable competitive strategies for products and services to satisfy customers profitability. The Marketing major provides the required knowledge and skills, which all types of employers (private, public and voluntary sectors) look for. Typical job destinations are in brand management, retail and distribution management, marketing communications, market research and development of marketing strategy plans. Units offered cover a number of interesting topics such as Electronic Marketing, International Marketing, Advertising Production and Services (Tourism) Marketing. All marketing theory is brought to life by case studies, strategic marketing projects (capstone 3rd year), overseas study tours and work placements.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Students are often surprised to find how broadly applicable marketing can be to a variety of occupations. Marketing is relevant not only to manufacturing companies, wholesalers and retailers but to every organisation. Lawyers, accountants, physicians and management consultants are increasingly using marketing ideas to expand their practices. Anyone involved in an exchange process would benefit from a unit in marketing.

Professional Recognition:

Australian Marketing Institute.

Recommended Double Majors:

Human Resource Management; Management

Recommended Minors:

Public Relations

Excluded Minors:

Marketing

Course Structure - 72 credit points**Part I - 24 credit points****Foundation Unit - 3 credit points**

From 2014, Foundation units will no longer be offered at the Murdoch Campus. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BBS100 Academic Skills for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Students enrolled at the Dubai campus will enrol in:

FDN107 Next Life - 3 points
DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal
KAPLAN-SGP: TMA-internal, TSA-internal

Core Units - 21 credit points

BUS140 Principles of Finance and Banking - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

OR

BUS130 Foundational Mathematics for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS145 Principles of Management - 3 points
MURDOCH: SUM-internal
DUBAI-ISC: TMD-internal

OR

BUS176 Foundations of Management and Governance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

BUS161 Introduction to Economics - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

OR

BUS171 Foundations of Economics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external, SUM-internal
ROCKINGHAM: S1-internal

BUS160 Introduction to Accounting - 3 points
DUBAI-ISC: TMD-internal

OR

BUS170 Foundations of Accounting - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

BSL165 Foundations of Business Law - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

OR

BUS165 Principles of Commercial Law - 3 points
DUBAI-ISC: TMD-internal

MAS180 Introduction to Statistics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KDUPJ: S1U-internal

BUS169 Principles of Marketing - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

OR

BUS183 Foundations of Marketing - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Part II - 48 credit points

Core Units - 24 credit points

BSL209 Marketing and Advertising Law - 4 points
MURDOCH: S1-internal, S1-external
KDUPJ: S1U-internal

OR

BUS209 Marketing and Advertising Law - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

BUS273 Consumer Behaviour - 4 points
MURDOCH: S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

BUS235 Marketing Research and Analysis - 4 points
MURDOCH: S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TMB-internal

BUS382 Strategic Marketing - 4 points
MURDOCH: S2-internal
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal

SGP1: TJB-internal, TSB-internal

BUS336 Integrated Marketing Communications - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S1U-internal
SGP1: TMB-internal

BUS268 Services Marketing - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

General Electives - 24 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Recommended for General Elective points only:

BUS267 Work-Based Learning - 4 points
MURDOCH: S1-internal (quota of 50 places)
This unit is recommended for final year students.

BUS352 International Study Tour - 4 points
MURDOCH: W-internal (quota of 15 places)
Students must have completed their Part I units.

HONOURS IN MARKETING (BCOM(HONS))

School of Management and Governance

Bachelor of Commerce with Honours (BCom(Hons)) in Marketing

Course Codes: H1206

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop the ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average in units relating to the planned Honours study and a Distinction average overall. Subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 12 credit points

BUS4011 Advanced Honours Topic in Commerce - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

BUS4012 Advanced Honours Topic in Commerce - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

BUS4013 Advanced Honours Research Preparation - 4 points
MURDOCH: S1-internal, S2-internal

Thesis - 12 credit points

BUS4019 Honours Thesis in Commerce - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

MATHEMATICS AND STATISTICS**MATHEMATICS AND STATISTICS (BSC)**

School of Engineering and Information Technology

Bachelor of Science (BSc) in Mathematics and Statistics

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The focus of the Mathematics and Statistics major is on mathematical and statistical training for future employment in business, industry or government. Students may concentrate on mathematical modelling, with special emphasis given to methods and applications in the life and environmental sciences and engineering, or on applied statistics, with emphasis on methods and applications in the life and health sciences (biostatistics), the environment, commerce and industry, or students may wish to combine units from both areas. The major is designed to produce practical mathematicians and statisticians with a flexible outlook, a mix of technical skills, and an awareness of the modern uses of mathematics and statistics.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

Students completing the major externally should note that access to a suitable computer and software packages is required for some of the units.

Employment Prospects:

This major trains students for future employment in banking, insurance, research and development, industry and government, in the computing, industrial mathematics, statistics and biostatistics areas. It provides an excellent preparation for careers in law, the health sciences, teaching and engineering when combined with studies in those areas. A shortage of numerate graduates makes mathematics and statistics graduates highly employable.

Recommended Double Majors:

Biological Sciences; Biomedical Science; Chemistry; Computer Science; Economics; Environmental Science; Physics and Nanotechnology; Primary Teaching (Four Years); Secondary Teaching (Science Combined Sport and Health Science); Social and Developmental Psychology

Excluded Minors:

Applied Statistics; Mathematical Modelling

Main Research Areas:

Biostatistics, experimental design, fluid mechanics, harmonic analysis, industrial modelling, numerical analysis, robust statistics,

signal processing.

Major Prerequisites**Mathematics Background**

Students who have not achieved a final grade of Satisfactory in Mathematics Specialist 3C/3D may need to complete up to two prerequisite units depending on their mathematics background.

Mathematics 3C/3D
and
Mathematics Specialist 3C/3D

OR

Mathematics 3C/3D
and
MAS182 Applied Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

OR

Mathematics 2C/2D
and
MAS164 Fundamentals of Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
and
MAS182 Applied Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous mathematics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 9 credit points

MAS162 Foundations of Discrete Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS161 Calculus and Matrix Algebra - 3 points
MURDOCH: S2-internal, S2-external

MAS183 Statistical Data Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

Select from the following, paying regard to planned 300-level unit choices:

MAS221 Mathematical Modelling - 3 points
Not available this year

MAS220 Mathematical Methods - 3 points
Not available this year

MAS222 Probability and Statistical Inference - 3 points
Not available this year

Either

MAS224 Biostatistical Methods - 3 points
Not available this year

OR

MAS223 Applied Statistics and Process Management - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

Select from the following:

MAS351 Environmental and Biological Modelling - 3 points
Not available this year

MAS352 Time Series and Multivariate Analysis - 3 points
Not available this year

MAS353 Statistical Design and Data Analysis - 3 points
Not available this year

MAS354 Modelling and Simulation - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN MATHEMATICS AND STATISTICS (BSC(HONS))

School of Engineering and Information Technology

Bachelor of Science with Honours (BSc(Hons)) in Mathematics and Statistics

Course Codes: H1041

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external) (subject to approval of Academic

Chair)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with an overall Credit average; students would be expected to have a Distinction average in relevant 3rd year units/subjects but can apply for admission with support from suitable academic referees if this is not the case; subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 12 credit points**

MAS4011 Honours Topic in Mathematics and Statistics - 4 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS4012 Honours Topic in Mathematics and Statistics - 4 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS4013 Honours Topic in Mathematics and Statistics - 4 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Thesis - 12 credit points

MAS4019 Honours Thesis in Mathematics and Statistics - 12 points
MURDOCH: S1-internal, S2-internal

MINERAL SCIENCE**MINERAL SCIENCE (BSC)**

School of Engineering and Information Technology

Bachelor of Science (BSc) in Mineral Science

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Mineral extraction processes bridge science and engineering disciplines. Mineral scientists focus on the fundamental science of these processes. A Mineral Science degree offers the opportunity to train in interdisciplinary sciences by taking units in cognate disciplines.

This degree also caters for students with interests in mineral science, who wish to meet the requirements of double major degrees with Chemistry, Environmental Science or other disciplines such as Law and Management, or to continue towards a Bachelor of Engineering in Chemical and Metallurgical Engineering degree. In addition, the three year Bachelor of Mineral Science degree is suitable for students wishing to develop the ability for creative, independent research by completing an additional one year research project to gain an Honours in Mineral Science degree, which is required for admission to the higher research degrees (i.e. Masters or PhD).

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

It is recommended that students entering this major to have completed WACE Chemistry 3A/3B, Physics 3A/3B and Mathematics: Specialist 3C/3D.

Applicants having other backgrounds will be considered for admission, but may need make-up units in first year, and therefore may need more than one year to complete Part I.

English Competence:

English competence.

Special Requirements:

This course can be completed internally or externally. Students enrolling in units that have a practical component must make allowance for on-campus attendance to complete the practical work. The on-campus sessions for external students are generally held in a one week block for each unit; the dates are published in each unit guide.

Employment Prospects:

Graduates can expect to find employment in mineral processing and metal extraction plants throughout Australia and overseas as plant and project metallurgists, mill superintendents, operations managers, consultants and researchers.

Professional Accreditation:

Recognised by the Australasian Institute of Mining and Metallurgy.

Professional Recognition:

Graduates are eligible for professional membership of the Australasian Institute of Mining and Metallurgy.

Recommended Double Majors:

Chemistry; Environmental Science; Mathematics and Statistics

Recommended Minors:

Applied Statistics; Mathematical Modelling; Organic Chemistry

Excluded Majors:

Chemical and Metallurgical Engineering

Main Research Areas:

Chemistry; science; physics; mathematics; mineral, minerals; metals, metals; metallurgy; industrial; industrial process; extractive metallurgy; mining; geology; hydrometallurgy; pyrometallurgy.

Major Prerequisites

Chemistry Background

Students may need to complete prerequisite units depending on their background in chemistry and their final scaled score in Chemistry 3A/3B/ within the past three years.

Chemistry 3A/3B with a final scaled score of 60 percent or more

OR

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous chemistry studies not stated above should consult the Academic Chair for clarification of

their enrolment requirements.

Mathematics Background

Students may need to complete one prerequisite unit depending on their background in mathematics with either a final scaled score of 60 percent or more in Mathematics 3C/3D or a C grade in Mathematics: Specialist 3C/3D within the past three years.

Students without this background will need to complete as a bridging unit:

MAS164 Fundamentals of Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous mathematics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Physics Background

Students may need to complete prerequisite units depending on their background in physics and their final scaled score in Physics 3A/3B within the past three years.

Physics 3A/3B with a final scaled score of 60 percent or more

OR

PEN120 General Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous physics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

ENG193 Introduction to the Minerals Industry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

CHE144 Foundations of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS161 Calculus and Matrix Algebra - 3 points
MURDOCH: S2-internal, S2-external

MAS182 Applied Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

PEN152 Principles of Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

ENG202 Engineering Thermodynamics - 3 points
Not available this year

ENG205 Applied Mineralogy - 3 points
Not available this year

ENG224 Principles of Unit Operations - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

ENG324 Principles of Mineral Processing - 3 points
Not available this year

ENG325 Pyrometallurgy - 3 points
Not available this year

ENG326 Hydrometallurgy - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN MINERAL SCIENCE (BSC(HONS))

School of Engineering and Information Technology

Bachelor of Science with Honours (BSc(Hons)) in Mineral Science

Course Codes: H1043

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Students who have completed the three year BSc (Mineral Science) major may enrol in this Honours year. The Honours year is used to extend a student's grasp of the principles and practice of mineral science by undertaking a rigorous, research-based project. Mentoring by a member of staff enables Honours students to develop the ability for creative, independent research. Students are expected to be involved in the entire research process from concept through to writing and presenting the data obtained, along the way developing skills in advanced chemical technique, project management, high-level problem solving and communication of research findings to peers.

Successful completion of the Honours course is required for admission to research degrees (i.e. Masters or PhD degrees).

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with an overall Credit average; students would be expected to have a Distinction average in relevant 3rd year units/subjects but can apply for admission with support from suitable academic referees if this is not the case; subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Employment Prospects:

Graduates can expect to find employment in a range of areas associated with the Minerals Industry. Honours graduates are favourably looked upon by employers as successful completion of a year long project provides concrete evidence of chemical, project management, problem solving, and communication skills.

Professional Recognition:

Graduates may qualify for graduate membership of the Australasian Institute of Mining and Metallurgy.

Course Structure - 24 credit points

Students will undertake a major research project and thesis on a topic related to hydrometallurgy, pyrometallurgy or mineral processing and some advanced coursework.

Coursework - 8 credit points

CHE476 Literature Review - 4 points
MURDOCH: S1-internal, S2-internal

One unit at 200- to 400-level, chosen in consultation with student's supervisor and subject to approval of the Honours Subcommittee - 4 points

Thesis - 16 credit points

EXM4039 Honours Thesis in Mineral Science - 16 points
MURDOCH: H-internal, Y-internal

MISCELLANEOUS

DOUBLE DEGREE FIVE YEAR

No Specific School

Course Codes: B1281

Duration: 5 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

This course is intended to accommodate students who need to be formally enrolled in a double degree structure rather than registered with the University as intending to complete the requirements of two courses and two awards on completion. Students in the course must enrol in the two primary majors which reflect the courses they will complete. Students who require enrolment in this course must apply for transfer.

For further information, students should refer to individual course entries.

Admission Requirements (Onshore):

Direct admission is not available.

Course Structure - 120 credit points

Please refer to individual course structures.

DOUBLE DEGREE FOUR YEAR

No Specific School

Course Codes: B1280

Duration: 4 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

This course is intended to accommodate students who need to be formally enrolled in a double degree structure rather than registered with the University as intending to complete the requirements of two courses and two awards on completion. Students in the course must enrol in the two primary majors which reflect the courses they will complete. Students who require enrolment in this course must apply for transfer.

For further information, students should refer to individual course entries.

Admission Requirements (Onshore):

Direct admission is not available.

Course Structure - 96 credit points

Please refer to individual course structures.

MOLECULAR BIOLOGY**MOLECULAR BIOLOGY (BSC)**

School of Veterinary and Life Sciences

Bachelor of Science (BSc) in Molecular Biology

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

Molecular Biology is concerned with the structure and function of genetic material, the organisation and expression of genes and with the techniques of genetic engineering. These techniques have widespread application in agriculture (production of disease resistant crops; enhancement of the nutritive value of plant and animal products), in medicine (production of vaccines; treatment of genetic diseases; understanding the molecular basis of cancer), in forensic science (DNA profiling) and in conservation biology (control of feral animals; generation of disease resistance in plants and animals).

From the perspective of the fundamental disciplines of biochemistry and microbiology, the Molecular Biology major provides in-depth study of modern molecular genetics and introduces students to the scientific techniques associated with gene manipulation. Students are also provided with an opportunity to explore the ethical considerations relevant to gene transfer technology.

Students contemplating careers in medical research are strongly recommended to undertake a Molecular Biology/Biomedical Science double major. This is also good preparation for entry to

Graduate Medicine.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements. There are no prerequisites for admission but it is highly desirable for students to have studied TEE Chemistry or WACE Chemistry 3A/3B and at least Discrete Mathematics or WACE Mathematics 2C/2D.

English Competence:

English competence.

Special Requirements:

Students undertaking units in Molecular Biology will not be required to kill any vertebrate animal but they will be required to work with fresh tissue from dead animals in certain units.

Employment Prospects:

Molecular biologists are in high demand in hospitals, research organisations such as the CSIRO and medical research centres, university and agriculture departments and in biotechnology and food processing companies.

Recommended Double Majors:

Biological Sciences; Biomedical Science; Biotechnology; Conservation and Wildlife Biology; Forensic Biology and Toxicology

Recommended Minors:

Animal Biology; Applied Statistics; Biomedical Science; Conservation Biology; Forensic Biology; Infection and Immunity; Marine Biology; Nutritional Biochemistry

Excluded Minors:

Molecular Biology

Major Prerequisites**Chemistry Background**

Students who achieved a final scaled score of 50 percent or more in Chemistry 3A/3B within the past three years should seek an exemption from their Academic Chair for CHE140 Fundamentals of Chemistry. Students who have completed previous chemistry not stated above should also consult their Academic Chair for clarification of their enrolment requirements.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

BMS101 Introduction to the Human Body - 3 points
MURDOCH: S1-internal

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

CHE144 Foundations of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS183 Statistical Data Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

BIO152 Foundations of Cell and Molecular Biology - 3 points
MURDOCH: S2-internal

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

BIO248 Genetic Engineering - 3 points
Not available this year

BIO246 Microbiology I - 3 points
Not available this year

OR

BMS212 Comparative and Human Microbiology - 3 points
Not available this year

BIO247 Biochemistry I - 3 points
Not available this year

OR

BMS209 Human and Comparative Biochemistry - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

BIO356 Genetics and Evolution - 3 points
Not available this year

BIO374 Molecular Genetics - 3 points
Not available this year

BIO378 Systems Biology and Bioinformatics - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and

minors will be included in the major's description.

HONOURS IN MOLECULAR BIOLOGY (BSC(HONS))

School of Veterinary and Life Sciences

Bachelor of Science with Honours (BSc(Hons)) in Molecular Biology

Course Codes: H1151

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Credit average (GPA 2); subject to availability of a suitable supervisor and approval by the Dean of School. Students interested in enrolling in Honours are advised to contact the Academic Chair before application to discuss supervision of their potential research project.

Those students with an interest in the medical applications of molecular biology are encouraged to participate in the hospital-based Clinical Honours Program. For more details on this option contact the Academic Chair.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Thesis - 24 credit points

Full-time students will be enrolled in:

BIO4089-12 Honours Thesis in Molecular Biology - 12 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Plus a further enrolment in:

BIO4089-12 Honours Thesis in Molecular Biology - 12 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

NURSING

NURSING (BNURS)

School of Health Professions

Bachelor of Nursing (BNurs)

Course Codes: B1308

Duration: 3 years full-time or part-time equivalent, requiring study in both summer and winter terms. Students must complete within 6 years to be eligible for Nursing registration.

Availability:

- Peel campus (internal)

Restriction: Enrolment in this course is subject to restriction.

This course will prepare graduates for registration as Registered Nurses within Australia and allow professional practice in a variety of clinical settings. The course centres learning on the concept of a professional therapeutic nurse/client relationship and takes into account individual, contextual and modifying factors in understanding and planning nursing care. Early studies emphasise the understanding of nursing processes, legal, ethical, evidence based care and bioscience principles that lead to the development of the fundamental skills and knowledge that are the basis for nursing practice. These form the foundation for later studies which focus on the complexities of competence and knowledge required to ensure optimal outcomes when providing nursing care to individuals, families and communities. Extensive workplace consolidation of theory to practice and experiential learning opportunities will be features of the course in developing highly competent and sought after graduates.

Students will be required to participate in clinical placements in a variety of locations and clinical contexts throughout metropolitan, rural and regional Western Australia.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements, plus a clear National Police Clearance. Recommended subjects: Human Biological Science 2A/2B, Mathematics 2A/2B, English 2A/2B and Chemistry 2A/2B.

English Competence:

International students demonstrating English competence via IELTS need a score of 6.5, with no individual band less than 6.5.

Special Requirements:

A National Police Clearance is required as well as a level of health suitable to meet the requirements of such a course and to meet safe nursing practice. On commencement, students will be required to meet WA Department of Health vaccination requirements, students will be required to provide copies of a current CPR certificate, Working with Children Card, Department of Health WA Criminal Screening Card and Manual Handling Certificate and successful completion of the School Of Health Professions Maths Skills Test.

Employment Prospects:

There is a shortage of registered nurses nationwide. A strong professional education in the essential areas of acute, chronic and preventative health care across the lifespan will facilitate job selection in Australia and many overseas countries where Australian nurses are sought.

Professional Recognition:

Graduates from this course will be eligible to apply to the Nurses and Midwives Board of Australia for registration in the category of Registered Nurse. At point of application to the Nurses and Midwives Board of Australia, graduates will need to provide proof of having met an IELTS score of at least 7 in each band, if their primary or secondary education took place in a country where English is not the native language. Results from tests completed more than two (2) years prior to application for registration will not be accepted.

For further information, students can go to:
www.nursingmidwiferyboard.gov.au

Students should note that the course must be completed within six years of commencement to be eligible for registration.

Main Research Areas:

Nursing principles and practice.

Alternative Entry Pathways:

An alternative entry pathway exists via the Nursing (Combination) from Challenger TAFE (Peel). This pathway will provide applicants with advanced standing once they enter the Bachelor of Nursing.

Course Structure - 72 credit points

Part I - 26 credit points

Year 1 - 26 credit points

Transition Unit - 3 credit points

From 2014, Foundation units will no longer be offered. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BNR100 Transition to Nursing Studies - 3 points
PEEL: S1N-internal, S2N-internal

Core Units - 23 credit points

Students enrolled in this course before 2012 should refer to the course structure in place at that time. Students transferring to this course structure must contact the Academic Chair for advice on unit selection.

NUR100 Introduction to Nursing Practice - 3 points
PEEL: S1N-internal

NUR103 Contemporary Nursing Practice - 3 points
PEEL: S1N-internal

NUR149 Human Structure and Function 1 - 3 points
PEEL: S1N-internal

NUR151 Clinical Practice 1: Aged Care - 1 points
PEEL: W6-placement

NUR152 Indigenous Health - 3 points
PEEL: S2N-internal

NUR153 Primary Health Care - 3 points
PEEL: S2N-internal

NUR154 Human Structure and Function 2 - 3 points
PEEL: S2N-internal

NUR105 Nursing Health Assessment and Physical Examination - 3 points
PEEL: S2N-internal

NUR155 Clinical Practice 2: Medical/Primary Health/Aged Care/Medical Rehabilitation - 1 points
PEEL: SS2-placement

Part II - 46 credit points

Year 2 - 25 credit points

Core Units - 25 credit points

NUR203 Acute Care 1 - 4 points
PEEL: S1N-internal

NUR256 Medication Management for Nursing - 4 points
PEEL: S1N-internal

NUR206 Contemporary Nursing Management of Mental Illness - 4 points
PEEL: S1N-internal

NUR257 Clinical Practice 3: Medical/Surgical/Mental Health/Primary Health - 1 points
PEEL: W6-placement

NUR205 Acute Care 2 - 4 points
PEEL: S2N-internal

NUR258 Applied Psychology for Nursing Practice - 3 points
PEEL: S2N-internal

NUR259 Maternal, Child and Adolescent Nursing Care - 4 points
PEEL: S2N-internal

NUR262 Clinical Practice 4: Medical/Surgical/Mental Health/Paediatrics/Maternity/Primary Health/Community Paediatrics - 1 points
PEEL: SS2-placement

Year 3 - 21 credit points**Core Units - 21 credit points**

Students should note that they are required to enrol full-time in the final semester of study.

NUR305 Complex Care - 4 points
PEEL: S1N-internal

NUR363 Health Research and Evidence Based Nursing Care - 4 points
PEEL: S1N-internal

NUR364 Nursing Management of Chronic Illness - 4 points
PEEL: S1N-internal

NUR365 Professional Issues in Nursing Practice - 3 points
PEEL: S2N-internal

NUR366 Clinical Practice 5 - 3 points
PEEL: S2N-placement

NUR367 Clinical Practice 6 - 3 points
PEEL: S2N-placement

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HONOURS IN NURSING (BNURS(HONS))

School of Health Professions

Bachelor of Nursing with Honours (BNurs(Hons))

Course Codes: H1181

Duration: 1 year full-time or part-time equivalent, commencing Semester 1 only

Availability:

- Some units only: Peel campus (internal) (all but one unit)

The aim of Honours is to extend the student's grasp of the principles and practice of their topic area. This course is suited to students who wish to progress to postgraduate studies in nursing and midwifery.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) in Nursing with a Distinction average; subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 8 credit points**

NUR461 Nursing Research Writing - 4 points
PEEL: S1-internal, S2-internal

NUR632 Applied Health Research Methods: From Research to Practice - 4 points

This unit is no longer available: contact the Academic Chair for advice.

Thesis - 16 credit points

NUR4609 Honours Thesis in Nursing - 16 points
PEEL: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal

PHILOSOPHY**PHILOSOPHY (BA)**

School of Arts

Bachelor of Arts (BA) in Philosophy

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Philosophy is the oldest academic discipline and the source from which the natural and human sciences have grown. The love of wisdom and the pursuit of truth are the greatest strength and the highest achievement of the human spirit. The study of philosophy does not always offer answers, but instead teaches us how to ask good questions; without a good question one does not know what counts as a good answer, or where to look for a good answer. This kind of study develops our critical and rational faculties, instils a positive sense of impartiality and fairness in considering the views of others, and fosters a cautious, reflective attitude toward those things whose comprehension may exceed our current opinions and beliefs.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

Students with a degree in philosophy are very attractive to employers in the public sector, the professions, and business who value the ability to organise and analyse data, and draw clear, sound judgements.

Recommended Double Majors:

English and Creative Writing; History; Politics and International Studies

Recommended Minors:

Literature; Politics; Sociology

Excluded Minors:

Ethics; Philosophy

Main Research Areas:

Ethics, hermeneutics, history of metaphysics, theories of mind, phenomenology, feminist philosophy.

Languages and Writing Skills:

Philosophy students are strongly encouraged to include a writing unit in their selection of a general elective at either Part I or Part II. It is also recommended that students consider studying a language other than English, with Indonesian, Japanese, Biblical Hebrew and New Testament Greek, all available at Murdoch through the Asian

Studies or Theology courses.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 6 credit points

PHL130 Introduction to Philosophy - 3 points
MURDOCH: S2-internal, S2-external
PHL131 Critical and Creative Thinking - 3 points
MURDOCH: S1-internal, S1-external

General Electives - 12 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 3 credit points

PHL205 Critical Metaphysics - 3 points
Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 6 credit points

PHL377 Life, Death and Meaning - 3 points
Not available this year
PHL317 Meaning and Interpretation - 3 points
Not available this year

Specified Electives - 3 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Specified Elective Unit List

Select Specified Electives from the following units during Years 2 and 3, subject to individual unit prerequisites. At least one unit must be at 300 level.

PHL207 Existence and Freedom - 3 points
Not available this year

PHL209 Theories of Mind - 3 points
Not available this year

PHL210 Applied and Professional Ethics - 3 points
Not available this year

PHL315 Aesthetics - 3 points
Not available this year

PHL316 Ancient Greek Ideas - 3 points
Not available this year

PHL212 Love and Friendship - 3 points
Not available this year

PHL206 Moral and Political Philosophy - 3 points
Not available this year

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HONOURS IN PHILOSOPHY (BA(HONS))

School of Arts

Bachelor of Arts with Honours (BA(Hons)) in Philosophy

Course Codes: H1104

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 4 credit points

PHL469 Honours Dissertation Preliminary - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

Elective Units - 8 credit points

Select from the following:

PHL4081 Honours Topic in Philosophy - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

PHL4082 Honours Topic in Philosophy - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500-level) - 4 points

Thesis - 12 credit points

PHL4089 Honours Thesis in Philosophy - 12 points
MURDOCH: S1-internal, S2-internal

PHOTOGRAPHY**PHOTOGRAPHY (BA)**

School of Arts

Bachelor of Arts (BA) in Photography

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Rockingham campus (internal) (only some first year units at this location)

Restriction: Enrolment in this course is subject to restriction.

The Photography major will provide students with a comprehensive set of practical photographic and digital imaging skills in combination with theoretical knowledge to enable them as photographers to develop their vision and progress their career. Students will have their practice informed by an in-depth study of the power and meaning of image and its cultural-historical context.

In addition students will be equipped with contemporary network and marketing skills key to their success as creative producers.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

There are compulsory on-campus components in this major.

Employment Prospects:

Graduates of this major will be well suited to careers in a range of industries and fields such as fashion, journalism, publications, advertising, professional photographic agencies, corporations, art, government, etc.

Professional Recognition:

Upon entering industry application can be made to join various industry associations such as AAPP (Australian Accredited Professional Photographers), CAMS Photographer Accreditation

Program or APA (Australian Photographers Association).

Recommended Double Majors:

Journalism; Screen Production

Excluded Minors:

Photography

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 9 credit points

PHO124 Photography 1 - 3 points
MURDOCH: S1-internal (quota of 120 places), S2-internal (quota of 120 places)
ROCKINGHAM: S1-internal (quota of 15 places)

PHO101 Digital Imaging - 3 points
MURDOCH: S2-internal (quota of 32 places)

IDD118 Visual Communication - 3 points
MURDOCH: S2-internal

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

PHO203 Photography 2 - 3 points
Not available this year

PHO204 Visual Literacy - 3 points
Not available this year

PHO202 Photo Documentary - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BAR300 Bachelor of Arts Research Skills Unit - 3 points

Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

PHO306 Advanced Photographic Studio - 3 points
Not available this year

PHO305 Photographic Culture - 3 points
Not available this year

PHO312 Media Projects - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

PHYSICS AND NANOTECHNOLOGY

PHYSICS AND NANOTECHNOLOGY (BSC)

School of Engineering and Information Technology

Bachelor of Science (BSc) in Physics and Nanotechnology

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Physics has a long and distinguished history. It underpins our modern technology and can be found at the cutting edge of science in the field of nanotechnology.

The Physics and Nanotechnology major combines an essential core of classical and modern physics with units that provide the background for working in the rapidly developing area of nanoscience and nanotechnology. The three-year course covers mechanics and waves, quantum theory, electromagnetism, thermodynamics, the physics of materials and applications of nanotechnology. Study of these areas provides an understanding of natural processes, energy and materials not just at the macroscopic scale but also at the nanoscopic scale.

Students have the opportunity to extend their analytical and problem solving skills to related disciplines in areas such as Computer Science, Chemistry, Biology, Mathematical Modelling, Mathematics and Statistics, Ocean Science, Environmental Science, or Science Communication. Double degrees with Engineering or Secondary Teaching are also popular.

An additional year of study leads to an Honours degree, offering enhanced employment prospects and is the entry point into a Masters or Doctoral research degree.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements. Students who have not completed the necessary mathematics or physics at

WACE-level may be required to complete introductory units in first year.

English Competence:

English competence.

Special Requirements:

Computer access with a CD-ROM drive or Internet access is essential. Email is essential.

Employment Prospects:

Graduates find employment in a wide variety of fields including universities, government institutions and private companies in areas such as pure research, research and development, education, quality control, health and medical physics, environmental monitoring, meteorology and astronomy.

Professional Recognition:

This degree has been accredited by the Australian Institute of Physics. Students who have completed this degree can apply to the Academic Chair for membership to the Australian Institute of Physics and the Institute of Physics (UK).

Recommended Double Majors:

Chemistry; Secondary Teaching (Science Combined Mathematics)

Recommended Minors:

Biomedical Science; Energy Studies; Mathematical Modelling

Excluded Minors:

Physics

Main Research Areas:

Renewable energy, surface physics, thin films, and nanotechnology with applications in medicine, resources, environment and energy.

Major Prerequisites

Mathematics Background

Students may need to complete a prerequisite unit depending on their background in mathematics and their final scaled score in Mathematics Specialist units or the equivalent Applicable Mathematics and Calculus within the past four years.

Students need to achieve a Pass in
MAS182 Applied Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

OR

Mathematics 3A/3B/3C/3D

OR

Students who achieve a minimum C grade in Mathematics: Specialist 3C/3D
TEE Calculus with a final scaled score of 55 percent or more may seek an exemption from MAS182 Applied Mathematics from their Academic Chair.

Students who do not meet the prerequisite conditions for MAS182 Applied Mathematics will need a PASS in

MAS164 Fundamentals of Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous mathematics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Physics Background

Students may need to complete one prerequisite unit depending on their background in physics and their final scaled score in WACE Physics 3A/3B within the past four years.

Students must achieve a C grade in Physics 3A/3B

OR

TEE Physics with a final scaled score of 60 percent or more

OR

PEN120 General Physics - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous physics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BSC100 Building Blocks for Science Students - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 15 credit points

PEN152 Principles of Physics - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

(Students who have not completed Physics 3A/3B will be required to undertake PEN120 General Physics - 3 points [MURDOCH: S1-internal, S1-external, S2-internal, S2-external] prior to completing this unit.)

MAS161 Calculus and Matrix Algebra - 3 points

MURDOCH: S2-internal, S2-external

(Students who have not completed Mathematics: Specialist 3C/3D will be required to undertake MAS182 Applied Mathematics - 3 points [MURDOCH: S1-internal, S1-external, S2-internal, S2-external] prior to completing this unit.)

PEN190 Introduction to Energy Studies - 3 points

MURDOCH: S2-internal, S2-external

(Students who have completed TEE Chemistry or Chemistry 3A/3B and achieved a score of more than 60 percent may be exempt from this unit.)

MAS182 Applied Mathematics - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

CHE144 Foundations of Chemistry - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

General Electives - 3 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points

Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points

Not available this year

Core Units - 12 credit points

PEN231 Modern Physics - 3 points

Not available this year

PEN332 Electromagnetism - 3 points

Not available this year

PEN261 Applications of Nanotechnology - 3 points

Not available this year

MAS220 Mathematical Methods - 3 points

Not available this year

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points

Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points

Not available this year

Core Units - 12 credit points

PEN317 Physics of Materials - 3 points

Not available this year

MAS354 Modelling and Simulation - 3 points

Not available this year

OR

MAS351 Environmental and Biological Modelling - 3 points

Not available this year

PEN202 Thermodynamics for Physics and Nanotechnology - 3 points

Not available this year

PEN363 Experimental Physics and Nanotechnology - 3 points

Not available this year

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN PHYSICS AND NANOTECHNOLOGY (BSC(HONS))

School of Engineering and Information Technology

Bachelor of Science with Honours (BSc(Hons)) in Physics and Nanotechnology

Course Codes: H1027

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The aim of Honours is to extend the student's grasp of the principles and practice of the subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Credit average in all core Part II units; subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at <http://goto.murdoch.edu.au/OnlineApplications>

Employment Prospects:

Graduates can expect to find enhanced employment opportunities in research and research assistance.

Professional Recognition:

Australian Institute of Physics

Main Research Areas:

Solar energy, thin films, nanotechnology.

Course Structure - 24 credit points**Coursework - 8 credit points**

Select from the following in consultation with your Supervisor and Academic Chair:

PEC430 Advanced Topics in Physics and Nanotechnology:
Theoretical - 4 points
MURDOCH: S1-internal, S1-external

PEC423 Advanced Topics in Physics and Nanotechnology:
Experimental - 4 points
MURDOCH: S2-internal, S2-external

Or 300-level units offered in the Bachelor of Science in Physics and Nanotechnology; these can be undertaken only with the permission of the Academic Chair.

Or 400-level units offered by a related discipline (such as Mathematics, Energy Studies or Education).

Thesis - 16 credit points

PEC4089 Honours Thesis in Physics and Nanotechnology - 16 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

POLITICS AND INTERNATIONAL STUDIES**POLITICS AND INTERNATIONAL STUDIES (BA)**

School of Management and Governance

Bachelor of Arts (BA) in Politics and International Studies

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Politics and International Studies are related fields of study which involve the critical evaluation of contemporary political issues.

Politics focuses on the examination of how power is distributed in society, how individuals and groups organise to change the distribution of power, and why governments vary in their stances

on such issues as individual and minority rights, environmentalism, and neoliberalism.

The linked study of International Studies examines issues of globalisation -- including its impact on economic development -- and the relationships between global governance, nation-states, and ethnic and regional communities.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

Graduates are suited to employment in parliamentary offices, public administration, journalism, teaching, research, advocacy, international business and corporate management.

Recommended Double Majors:

Economics; History; Security, Terrorism and Counterterrorism Studies

Recommended Minors:

Asian Studies; Australian Indigenous Studies; Environmental Issues; Modern Social History; Sociology; Sustainable Development

Excluded Minors:

Politics

Main Research Areas:

International political economy, globalisation, democratisation, international relations, ethnic conflict, Liberalism, Australian politics, Asian politics, social change.

Languages and Writing Skills:

Politics and International students are strongly encouraged to include a writing unit in their selection of a general elective at either Part I or Part II. It is also recommended that students consider studying a language other than English, with Indonesian, Japanese, Biblical Hebrew and New Testament Greek, all available at Murdoch through the Asian Studies or Theology courses.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 6 credit points

POL133 Introduction to Politics - 3 points
MURDOCH: S2-internal, S2-external

POL161 Asia-Pacific in the Global System - 3 points
MURDOCH: S1-internal, S1-external

General Electives - 12 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 6 credit points

POL227 Controversies in Australian Politics - 3 points
Not available this year

POL224 International Politics - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Specified Elective - 3 credit points

Select from the following:

POL246 Public Policy Analysis - 3 points
Not available this year

POL226 Sex and Gender Matters - 3 points
Not available this year

POL231 Mediated Politics - 3 points
Not available this year

POL298 International Political Economy - 3 points
Not available this year

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 6 credit points

POL342 Political Philosophy for Fun and Profit - 3 points
Not available this year

POL341 Governance and Politics in the 21st Century - 3 points
Not available this year

Specified Elective - 3 credit points

Select from the following:

POL325 The European Union in the New Millennium: Challenges of Integration - 3 points
Not available this year

POL385 Environmental Politics - 3 points
Not available this year

POL343 Government Agencies in a Changing World - 3 points
Not available this year

POL340 Parliamentary and Public Sector Internship - 6 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN POLITICS AND INTERNATIONAL STUDIES (BA(HONS))

School of Management and Governance

Bachelor of Arts with Honours (BA(Hons)) in Politics and International Studies

Course Codes: H1022

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean Learning and Teaching.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 8 credit points

POL468 Advanced Honours Seminar in Politics - 4 points
MURDOCH: S1-internal

ART404 Research Methods in Social Sciences and Humanities - 4 points
MURDOCH: S1-internal, S1-external

Elective Units - 4 credit points

Select from the following:

POL4071 Advanced Honours Topic in Politics and International Studies - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500-level) - 4 points

Thesis - 12 credit points

POL4079 Honours Thesis in Politics and International Studies - 12 points

MURDOCH: S1-internal, S2-internal

PSYCHOLOGY

COGNITIVE NEUROSCIENCE AND HEALTH PSYCHOLOGY (BSC)

School of Psychology and Exercise Science

Bachelor of Science (BSc) in Cognitive Neuroscience and Health Psychology

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The study of psychology is a quest to understand behaviour, relationships and the workings of the human mind. In this major students will develop an appreciation of the foundations of psychological knowledge and how modern scientific research methods are used to further the understanding of our differences and similarities as human beings.

The BSc (Cognitive Neuroscience and Health Psychology) is intended to introduce students to very exciting new developments in neuroscience, cognition, perception, psychophysiology, drug dependency, clinical neuropsychology, and abnormal behaviour. As such, it is ideal for students who wish to take a double major in a complementary field, such as biomedical science, physiology, health, rehabilitation, etc. This major does not, in itself, constitute a professionally-accredited degree. Nonetheless, with the addition of only three further core units students are able to complete all the requirements of a three-year sequence fully accredited by the Australian Psychology Accreditation Council, and recognised by the Australian Psychological Society. Graduates are then able to proceed to a 4th year of study in psychology and to provisional registration as a Psychologist, or to further study at postgraduate level.

Students enrolled in this degree course may elect to undertake a double major in Psychology by also completing the major offered in the BA (Social and Developmental Psychology) (see the description of this degree elsewhere in the Handbook). The combined majors, which can be completed in the three years required for the Cognitive Neuroscience and Health major alone, will provide students with an extremely thorough professional and scientific grounding in the discipline of psychology. It is therefore highly recommended for those students who intend to pursue professional careers in mainstream psychology or who wish to complete postgraduate degrees in research and applications of psychology.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Psychology will be of special interest not only to those desiring to enter the psychology profession but also to students envisaging a practical or academic career in such fields as management, human resources, marketing, law, criminology, media studies, etc.

Professional Accreditation:

Students who wish to proceed to 4th and later years of study and/or be eligible for professional registration must complete three extra core units mandated by the Australian Psychology Accreditation Council. Details are included in the structure of the major.

Recommended Minors:

Social and Developmental Psychology; Sport Psychology

Main Research Areas:

The emphasis on neuroscience in the Cognitive Neuroscience and Health Psychology major will be particularly useful to those contemplating a research career in clinical or experimental psychology.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 9 credit points

PSY141 Introduction to Psychological Science - 3 points
MURDOCH: S1-internal, S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY173 Introduction to Psychological Research Methods - 3 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY172 Introduction to Psychological Health and Wellbeing - 3 points
MURDOCH: S2-internal
ROCKINGHAM: S2-internal

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

PSY288 Psychology: Abnormal Behaviour - 3 points
Not available this year

PSY289 Psychology: Drugs and Dependence - 3 points
Not available this year

PSY251 Psychology: Biological Bases of Behaviour - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to

consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

PSY397 Psychology: Sensation and Perception - 3 points
Not available this year

PSY394 Psychology: Cognitive Processes - 3 points
Not available this year

PSY396 Psychology: Cognitive and Developmental Neuroscience - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Additional Professional Registration Requirements

Students who wish to proceed to fourth and later years of study and/or be eligible for professional registration must complete the following three units mandated by the Australian Psychology Accreditation Council.

PSY101 Introduction to Cultural and Community Psychology - 3 points
MURDOCH: S1-internal

PSY286 Psychology: Human Development - 3 points
Not available this year

PSY285 Psychology: Social Bases of Behaviour - 3 points
Not available this year

Entry into the Graduate Diploma in Psychology (fourth year of study) is only permitted for students who have completed an accredited three-year sequence. The minimum entry standard is a Credit average over all Psychology units completed in the preceding three year sequence.

PSYCHOLOGY (BPSYCH)/(BA)

School of Psychology and Exercise Science

Bachelor of Psychology (BPsych)/Bachelor of Arts (BA) in Psychology

Course Codes: B1103 B1104

Duration: BA: 3 years full-time or part-time equivalent; BPsych: 4 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students: consider the Bachelor of Arts in Social and Developmental Psychology or the Bachelor of Science in Cognitive Neuroscience and Health Psychology instead)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English) (Bachelor of Arts only)

Restriction: Enrolment in this course is subject to restriction.

The study of psychology is a quest to understand behaviour, relationships and the workings of the human mind. In this course

students will develop an appreciation of the foundations of psychological knowledge and how modern scientific research methods are used to further this understanding of our differences and similarities. Psychology teaches both research and practical application in the clinical, cognitive, developmental, organisational and social areas.

The four-year Bachelor of Psychology course is a professionally-accredited degree which covers all relevant parts of the psychology curriculum to provide a balanced and comprehensive appreciation of psychology from all major perspectives, and provides students with the minimum necessary units to satisfy the University education requirements for the practice of Psychology. Especially strong components of the course at Murdoch are represented through minors in developmental, health, organisational and social psychology. Applied psychology is included in the curriculum through organisational, clinical and human factors studies. This degree also provides broad skills in teamwork, communication and problem solving necessary in social and workplace settings. The opportunity to undertake a practical placement is available in the fourth year. Those students wishing to exit after three years may apply to graduate with the three-year Bachelor of Arts (Psychology).

Students who perform well in the first year of the degree and achieve an average minimum mark of 70 percent in Part I of the Psychology core units may apply for transfer into the second year of the BPsych (Honours). Students who maintain a minimum average mark of 70 percent across core Part I and Part II Psychology units in the first three years of the degree may apply for transfer into the fourth year of the BPsych (Honours).

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

All students in the Psychology undergraduate course intending to complete a fourth year in Psychology are required to complete five hours of research participation for each full-time year of study or part-time equivalent prior to their enrolment in the fourth year of the Honours or BPsych research projects. The participation required will therefore total 15 hours for the 3 years of study prior to the Honours or BPsych project.

Employment Prospects:

Psychology degrees will be of special interest not only to those desiring to enter the psychology profession but also to students envisaging a practical or academic career in education, ergonomics or human resource management.

Professional Recognition:

All Murdoch University Psychology degrees taught at Murdoch are accredited by the Australian Psychology Accreditation Council (APAC), and recognised by the Australian Psychological Society (APS). However, students transferring from another university must ensure that the study they have completed previously, when combined with their study at Murdoch University, meets the requirements of the relevant psychology registration board for equivalence to an accredited four-year Australian degree in psychology.

Recommended Minors:

Developmental Psychology; Health Psychology; Organisational Psychology; Social Psychology

Previous Degrees:

It should be noted that students who hold a previous degree will be considered as having completed a double major for purposes of satisfying requirements for the award of the Bachelor of Psychology (BPsych) degree. In such cases normal credit rules apply. Students

should consult the Psychology Academic Chair for advice on unit exemptions. Students completing a double major, second or subsequent degree, double degree or joint degree are not required to complete a Psychology minor.

Course Structure - BA (Psychology), 72 credit points; BPsych, 96 credit points

Part I - 24 credit points

Foundation Unit - 3 credit points

From 2014, Foundation units will no longer be offered at the Murdoch Campus. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Students enrolled at the Kaplan campus will enrol in:

FDN107 Next Life - 3 points
DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal
KAPLAN-SGP: TMA-internal, TSA-internal

Core Units - 9 credit points

PSY141 Introduction to Psychological Science - 3 points
MURDOCH: S1-internal, S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY171 Introduction to Applications of Psychology - 3 points
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

OR

PSY101 Introduction to Cultural and Community Psychology - 3 points
MURDOCH: S1-internal

PSY173 Introduction to Psychological Research Methods - 3 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

General Electives - 12 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Highly recommended:

PSY172 Introduction to Psychological Health and Wellbeing - 3 points
MURDOCH: S2-internal
ROCKINGHAM: S2-internal

Part II (BA and BPsych) - 48 credit points

Core Units - 28 credit points

Students enrolled in the Bachelor of Psychology (BPsych) or Bachelor of Arts in Psychology (BA) must complete at least one of the Psychology minors. Students are strongly encouraged to complete more than one minor. Students completing a double major, double degree, joint degree or second or subsequent degree, are not required to complete a Psychology minor.

PSY213 Psychology: Abnormal Behaviour - 4 points
MURDOCH: S1-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY351 Psychology: Biological Bases of Behaviour - 4 points
MURDOCH: S1-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY353 Psychology: Cognitive Processes - 4 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY247 Psychology: Human Development - 4 points
MURDOCH: S1-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY248 Psychology: Social Bases of Behaviour - 4 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY212 Psychology: Measurement, Design and Analysis - 4 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY311 Psychology: Advanced Quantitative Research Methods - 4 points
MURDOCH: S1-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

OR

PSY315 Psychology: Advanced Qualitative Research Methods - 4 points
MURDOCH: S2-internal (closed)

Specified Electives - 8 credit points

Select units to complete at least one of the following minors:

Developmental Psychology Minor

PSY249 Psychology: The Developing Mind - 4 points
MURDOCH: S2-internal

PSY356 Psychology: Family Relations and Social Development - 4 points
MURDOCH: S1-internal

Health Psychology Minor

PSY215 Psychology: Drugs and Dependence - 4 points
MURDOCH: S1-internal

PSY358 Psychology: Sensation and Perception - 4 points
MURDOCH: S2-internal

Organisational Psychology Minor

PSY217 Psychology: Work and Organisations - 4 points
MURDOCH: S1-internal
KAPLAN-SGP: TMA-internal

PSY357 Psychology: Safety, Errors and Accidents - 4 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TSA-internal

Social Psychology Minor

PSY218 Psychology: Self and Society - 4 points
MURDOCH: S1-internal

PSY246 Psychology: Culture and Community - 4 points
Not available this year

General Electives - 12 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Students may choose to take Specified electives and/or Core units that have not already been taken as part of their core requirements.

In addition, Special Topics are available from time to time. Students should consult the Academic Chair to confirm the offering for any particular year.

Part II (Year 4, BPsych only) - 24 credit points

Students who are accepted into the BPsych (Hons) should refer instead to the Year 4 section of Honours in Psychology (BPsych(Hons)).

Core Units - 16 credit points

PSY441 Psychology: Fourth Year Project - 8 points

MURDOCH: H-internal, Y-internal

PSY412 Psychology: Fourth Year Seminar - 4 points
MURDOCH: S1-internal

PSY431 Psychology: Principles of Psychological Assessment - 4 points
MURDOCH: S1-internal

Specified Electives - 8 credit points

Select from the Part II Core Units not already taken above, or from the following:

PSY434 Psychology: Industrial and Organisational Issues - 4 points
MURDOCH: S2-internal

PSY436 Psychology: Principles and Processes of Interventions - 4 points
MURDOCH: S2-internal

PSY444 BPsych Practical Placements - 4 points
MURDOCH: S1-placement (quota of 40 places), S2-placement (quota of 40 places)

SOCIAL AND DEVELOPMENTAL PSYCHOLOGY (BA)

School of Psychology and Exercise Science

Bachelor of Arts (BA) in Social and Developmental Psychology

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: Enrolment in this course is subject to restriction.

The study of psychology is a quest to understand behaviour, relationships, and the workings of the human mind. In this course, students will develop an appreciation of the foundations of psychological knowledge and how modern scientific research methods are used to further the understanding of our differences and similarities.

The BA (Social and Developmental Psychology) is designed to provide specialised knowledge of social, developmental, cultural, organisational, and qualitative perspectives in psychology. As such, it is ideal for students who wish to take a double major in a complementary field, such as management, human resources, marketing, law, criminology, media studies, etc. This major does not, in itself, constitute a professionally-accredited degree. Nonetheless, with the addition of only three further core units students are able to complete all the requirements of a three-year sequence fully accredited by the Australian Psychology Accreditation Council, and recognised by the Australian Psychological Society. Graduates are then able to proceed to a 4th year of study in psychology and to provisional registration as a Psychologist, or to further study at a postgraduate level.

Students enrolled in the BA (Social and Developmental Psychology) may elect to undertake a double major in Psychology by also completing the major normally offered in the BSc (Cognitive Neuroscience and Health) (see the description of this degree elsewhere in the Handbook). The combined majors, which can be completed in the three years required for the Social and Developmental major alone, will provide students with an extremely thorough professional and scientific grounding in the discipline of psychology. It is therefore highly recommended for those students who intend to pursue professional careers in mainstream psychology or who wish to complete postgraduate degrees in research and applications of psychology.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments

and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

All Psychology students intending to complete a fourth year in Psychology are required to complete five hours of research participation for each full-time year of study or part-time equivalent prior to their enrolment in the fourth year (Honours or Graduate Diploma in Psychology) research projects. The participation required will therefore total 15 hours for the 3 years of study prior to the Honours or BPsych project.

Employment Prospects:

Psychology will be of special interest not only to those desiring to enter the psychology profession but also to students envisaging a practical or academic career in such fields as management, human resources, marketing, law, criminology, media studies, etc.

Professional Accreditation:

Students who wish to proceed to 4th and later years of study and/or be eligible for professional registration must complete three extra core units mandated by the Australian Psychology Accreditation Council. Details are included in the structure of the major.

Recommended Minors:

Neuroscience; Sport Psychology

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 9 credit points

PSY141 Introduction to Psychological Science - 3 points
MURDOCH: S1-internal, S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY173 Introduction to Psychological Research Methods - 3 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY101 Introduction to Cultural and Community Psychology - 3 points
MURDOCH: S1-internal

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

PSY285 Psychology: Social Bases of Behaviour - 3 points
Not available this year

PSY286 Psychology: Human Development - 3 points
Not available this year

PSY287 Psychology: Self and Society - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

PSY391 Psychology: Advanced Qualitative Research Methods - 3 points
Not available this year

PSY392 Psychology: Family Relations and Social Development - 3 points
Not available this year

PSY393 Psychology: The Developing Mind - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Additional Professional Registration Requirements

Students who wish to proceed to fourth and later years of study and/or be eligible for professional registration must complete the following three units mandated by the Australian Psychology Accreditation Council.

PSY288 Psychology: Abnormal Behaviour - 3 points
Not available this year

PSY251 Psychology: Biological Bases of Behaviour - 3 points
Not available this year

PSY394 Psychology: Cognitive Processes - 3 points
Not available this year

Entry into the Graduate Diploma in Psychology (fourth year of study) is only permitted for students who have completed an accredited three-year sequence. The minimum entry standard is a Credit average over all Psychology units completed in the

preceding 3 year sequence.

HONOURS IN PSYCHOLOGY (BA(HONS))

School of Psychology and Exercise Science

Bachelor of Arts with Honours (BA(Hons)) in Psychology

Course Codes: H1251

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

The Honours course provides units in research design and the opportunity to carry out a piece of empirical work under supervision. Students are expected to negotiate a research topic in conjunction with a supervisor. The thesis reporting the empirical research represents more than half of the fourth (Honours) year work.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a three-year Bachelor Degree in Psychology (AQF Level 7) which meets accreditation standards with a Distinction average for Psychology units; subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Professional Recognition:

All Murdoch University Psychology degrees are fully accredited by the Australian Psychology Accreditation Council (APAC), and recognised by the Australian Psychological Society (APS).

Course Structure - 24 credit points**Coursework - 9 credit points**

PSY501 Psychology: Honours Seminar - 3 points
MURDOCH: S1-internal

PSY598 Advanced Psychological Assessment - 3 points
MURDOCH: S1-internal

PSY536 Psychology: Principles and Processes of Psychological Intervention - 3 points
MURDOCH: S2-internal

Thesis - 15 credit points

PSY5078 BA Honours Thesis in Psychology - 15 points
MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, W-internal, W-external, Y-internal, Y-external

HONOURS IN PSYCHOLOGY (BSC(HONS))

School of Psychology and Exercise Science

Bachelor of Science with Honours (BSc(Hons)) in Psychology

Course Codes: H1252

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

The Honours course provides units in research design and the opportunity to carry out a piece of empirical work under supervision. Students are expected to negotiate a research topic in conjunction with a supervisor. The thesis reporting the empirical research represents more than half of the fourth (Honours) year work.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a three-year Bachelor Degree in Psychology (AQF Level 7) which meets accreditation standards with a Distinction average for Psychology units; subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at <http://goto.murdoch.edu.au/OnlineApplications>

Professional Recognition:

All Murdoch University Psychology degrees are fully accredited by the Australian Psychology Accreditation Council (APAC), and recognised by the Australian Psychological Society (APS).

Course Structure - 24 credit points**Coursework - 9 credit points**

PSY501 Psychology: Honours Seminar - 3 points
MURDOCH: S1-internal

PSY598 Advanced Psychological Assessment - 3 points
MURDOCH: S1-internal

PSY536 Psychology: Principles and Processes of Psychological Intervention - 3 points
MURDOCH: S2-internal

Thesis - 15 credit points

PSY5099 BSc Honours Thesis in Psychology - 15 points
MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, W-internal, W-external, Y-internal, Y-external

PUBLIC RELATIONS

PUBLIC RELATIONS (BA)

School of Arts

Bachelor of Arts (BA) in Public Relations

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

This major aims to prepare students for careers in public relations and communications. It explores Australian and international theories and practices, with an emphasis on ethical communication and engagement with a diverse range of stakeholders. The major

offers a combination of theoretical and practical components. Students are introduced to communication and public relations theory and are expected to develop critical thinking, evaluative and analytical skills. Communication skills -- including writing, public speaking, team work and conflict management -- are taught in addition to the development of public relations strategies to achieve organisational objectives.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Graduates may follow careers in public relations and specialised areas such as public affairs, community relations, media liaison, event management and sponsorship.

Professional Accreditation:

The Bachelor of Communication in Public Relations is accredited by the Public Relations Institute of Australia. Graduates of accredited courses have an accelerated path to professional membership of the Institute.

Recommended Double Majors:

Communication and Media Studies; Journalism; Web Communication

Recommended Minors:

Journalism

Excluded Minors:

Public Relations

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 6 credit points

PRO101 Introduction to Social Media - 3 points
MURDOCH: S2-internal

PRO107 Introduction to Public Relations - 3 points
MURDOCH: S1-internal, S1-external

General Electives - 12 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and

minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

PRO259 Media Relations - 3 points
Not available this year

PRO285 Public Relations in Society - 3 points
Not available this year

PRO204 Public Relations Strategy - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

PRO345 Issues and Crisis Management - 3 points
Not available this year

PRO302 Public Relations Project - 3 points
Not available this year

PRO307 Campaign Management - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

PUBLIC RELATIONS (BCOMMUN)

School of Arts

Bachelor of Communication (BCommun) in Public Relations

Course Codes: B1284 B1284A

Duration: 3 years full-time or part-time equivalent; SGP1: 4 trimesters full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Arts in Public Relations instead)
- SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English)
- KDU College (Petaling Jaya, Malaysia) ['KDUPJ'] (internal) (by formal agreement) (language of instruction: English) (no new

admissions from 2014 at this location; this course is only available to students who are already enrolled)

- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
- Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)
- Some units only: Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Arts in Public Relations instead)

This major aims to prepare students for careers in public relations and communications. It explores Australian and international theories and practices, with an emphasis on ethical communication and engagement with a diverse range of stakeholders. The major offers a combination of theoretical and practical components. Students are introduced to communication and public relations theory and are expected to develop critical thinking, evaluative and analytical skills. Communication skills -- including writing, public speaking, team work and conflict management -- are taught in addition to the development of public relations strategies to achieve organisational objectives.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Graduates may follow careers in public relations and specialised areas such as public affairs, community relations, media liaison, event management and sponsorship.

Professional Accreditation:

The Bachelor of Communication in Public Relations is accredited by the Public Relations Institute of Australia. Graduates of accredited courses have an accelerated path to professional membership of the Institute.

Recommended Double Majors:

Communication and Media Studies; Journalism

Recommended Minors:

Journalism

Excluded Minors:

Public Relations

HONOURS IN PUBLIC RELATIONS (BCOMMUN(HONS))

School of Arts

Bachelor of Communication with Honours (BCommun(Hons)) in Public Relations

Course Codes: H1210

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop the student's capacity for independent research. Potential students are invited to discuss their proposed research topic with the academic chair.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate

Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 12 credit points****Core Units - 12 credit points**

MCC444 Honours Seminar in Media Communication and Culture - 4 points
MURDOCH: S1-internal

MCC4201 Honours Topic in Media Communication and Culture - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

MCC4202 Honours Topic in Media Communication and Culture - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

Thesis - 12 credit points

MCC4209 Honours Thesis in Media Communication and Culture - 12 points
MURDOCH: S1-internal, S2-internal

RADIO**RADIO (BA)**

School of Arts

Bachelor of Arts (BA) in Radio

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: Enrolment in this course is subject to restriction.

This major introduces students to live radio broadcasting and audio production in a range of creative formats. Students broadcast on Radio Fremantle and online, giving them a unique opportunity to experience radio production in a real-life industry environment. Students completing this major will be equipped with a wide range of skills covering reporting, presenting, producing, digital recording and editing. They will also have an understanding of how the industry operates and of the place of radio in the Australian and global media landscape.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

Many of the production units in Radio are subject to quota. Entry to Part II production units depends on students' performance (C grade average) in the Part I production unit prerequisites. In certain instances, and at the discretion of the Academic Chair, the Part I prerequisite may be waived for students with previous production experience.

Employment Prospects:

Graduates in radio have progressed to successful careers in all aspects of media work both in Australia and abroad. The broad-ranging skills acquired during the course of the degree prepares graduates equally well for media production as for media-based roles in government, business and education. With genuine live-to-air experience and audio digital production skills, as well as theoretical knowledge about broadcast policy and audiences, radio graduates are prepared for a wide range of on-air and off-air roles in the broadcasting industries.

Recommended Double Majors:

Journalism; Sound

Excluded Minors:

Radio

Main Research Areas:

Radio production, online radio, digital radio, broadcast journalism, broadcast policy, audiences.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 9 credit points

RAD105 Introduction to Radio - 3 points
MURDOCH: S2-internal (quota of 80 places)
SOU169 Introduction to Sound Studies - 3 points
MURDOCH: S1-internal

SOU101 Introduction to Audio Production - 3 points
MURDOCH: S2-internal (quota of 90 places)

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

RAD244 Radio Presenting and Producing - 3 points
Not available this year

RAD274 Popular Music - 3 points
Not available this year

JOU245 Media Law and Ethics - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

RAD301 Creative Radio - 3 points
MURDOCH: S1-internal (quota of 45 places)

CMS305 Media Governance and the Public Sphere - 3 points
Not available this year

RAD316 Communication Projects - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Students with good academic records can apply to the Academic Chair to take:

ART325 Professional Placement - 3 points
Not available this year

RELIGION

RELIGION (BA)

School of Arts

Bachelor of Arts (BA) in Religion

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Religion is a major in the Bachelor of Arts that takes a multidisciplinary approach to the investigation and understanding of religion in human societies. The aim is to examine the cultural and historical complexities of religion across a range of societies and historical periods. This type of exploration of religious beliefs and practices does not seek to assess their merits or truthfulness, but rather seeks to understand their origins, internal dynamics, and impacts on cultures and societies.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments

and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

A major in Religion provides an excellent range of critical, analytical skills. It also provides multicultural and multidisciplinary perspectives on vital aspects of human social structures and interactions. As such, a Religion major is an excellent basis for careers in public service, diplomatic service, education, non-profit organisations, multi-faith chaplaincy, and museums.

Recommended Double Majors:

Asian Studies; Community Development; History; Philosophy; Politics and International Studies; Security, Terrorism and Counterterrorism Studies

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 6 credit points

REL101 World Religions - 3 points
MURDOCH: S2-internal, S2-external

SOC134 Introduction to Sociology - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S2-internal

General Electives - 12 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 3 credit points

REL202 Approaches to the Study of Religion - 3 points
Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 3 credit points

REL311 Seminar in the Study of Religion - 3 points
Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Specified Elective Unit List

Select Specified Electives from the following units during Years 2 and 3, subject to individual unit prerequisites. At least two units must be at 300 level.

In addition, Special Topics are available from time to time and may be used as a Specified Elective. Students should consult the Academic Chair to confirm the offering in any particular year.

REL203 Death and the Afterlife in Ancient Egypt and Mesopotamia - 3 points
Not available this year

REL306 World Religions in Historical Encounter - 3 points
Not available this year

REL204 Introduction to the Bible - 3 points
Not available this year

AIS241 Indigenous Spirituality - 3 points
Not available this year

REL205 Mysteries, Magic, and Myths - 3 points
Not available this year

AST352 Culture and Religion in Asia - 3 points
Not available this year

REL312 Wisdom from the Ancient Near East - 3 points
Not available this year

SCREEN PRODUCTION**SCREEN PRODUCTION (BA)**

School of Arts

Bachelor of Arts (BA) in Screen Production

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

Restriction: *Enrolment in this course is subject to restriction.*

This major teaches students to be film-makers. Students will learn current screen industry practices, including script-writing, producing, directing, cinematography, digital video editing, sound recording and design, post-production digital compositing, and photographic skills. Units cover a mix of screen practice and image theory, and students can choose one, two, or all of three specific production pathways: drama, documentary, or creative. Students will engage in the film-making formats of documentary, narrative drama, music-video, experimental film, webisode, television studio, and more.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Graduates can expect to find employment in a wide range of fields, from the creative industries (online, advertising, television, music, film) to management, administration, public policy, media research. Graduates will also have had ample opportunities to be familiar with a range of film and video crew functions such as screen-writing, producing, directing, editing, production design, digital compositing, lighting, cinematography etc.

Professional Recognition:

Murdoch University is a member of the Australian Screen Production Education and Research Association.

Recommended Double Majors:

Communication and Media Studies; Journalism; Public Relations; Sound; Web Communication

Main Research Areas:

Media studies; Australian indigenous media; creative industries; film; television; sound, new media digital video.

Quota:

Many of the production units in Screen Production are subject to quota. Entry to Part II production units depends on students' performance (Distinction grade average) in the Part I production unit prerequisites. In certain instances, and at the discretion of the Academic Chair, the Part I prerequisite may be waived for students with previous production experience.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BAR100 Academic Learning Skills - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external
 ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external
 ROCKINGHAM: S2-internal

Core Units - 9 credit points

SCR100 Introduction to the Screen - 3 points
 MURDOCH: S2-internal, S2-external

SCR101 Screen Production 1 - 3 points
 MURDOCH: S1-internal (quota of 102 places), S2-internal (quota of 102 places)

PHO124 Photography 1 - 3 points
 MURDOCH: S1-internal (quota of 120 places), S2-internal (quota of 120 places)
 ROCKINGHAM: S1-internal (quota of 15 places)

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BAR200 Bachelor of Arts Research Skills Unit - 3 points
 Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
 Not available this year

Core Unit - 3 credit points

SCR200 Writing for the Screen - 3 points
 Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BAR300 Bachelor of Arts Research Skills Unit - 3 points
 Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
 Not available this year

Core Unit - 3 credit points

SCR320 Advanced Screen Production - 3 points
 Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Specified Elective Unit List

Select Specified Electives from the following units during Years 2 and 3, subject to individual unit prerequisites. At least two units must be at 300 level.

Drama Pathway

SCR201 Screen Production 2 - 3 points
 Not available this year

SCR348 Screen Texts - 3 points
 Not available this year

SCR222 Professional Development - 3 points
 Not available this year

SCR312 Professional Craft Development - 3 points
 Not available this year

Documentary Pathway

SCR300 Documentary - 3 points
 Not available this year

SCR304 Documentary Production - 3 points
 Not available this year

SCR222 Professional Development - 3 points
 Not available this year

SCR312 Professional Craft Development - 3 points
 Not available this year

Creative Pathway

SCR201 Screen Production 2 - 3 points
 Not available this year

SCR348 Screen Texts - 3 points
 Not available this year

SCR202 Film and Philosophy - 3 points
 Not available this year

SCR303 Alternative Screens - 3 points
 Not available this year

SCREEN PRODUCTION (BMEDIA)

School of Arts

Bachelor of Media (BMedia) in Screen Production

Course Codes: B1234 B1234A

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Arts in Screen Production instead)
- Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)
- Some units only: Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students; consider the Bachelor of Arts in Screen Production instead)

Restriction: Enrolment in this course is subject to restriction.

This major teaches students to be film-makers. Students will learn

current screen industry practices, including directing, cinematography, digital video editing, sound recording and design, post-production digital compositing, and photographic skills. Units cover a mix of creative screen production and image theory. Students can choose to engage in the film-making formats of documentary, narrative drama, music-video, experimental film, webisode, television studio, outside broadcast, and more.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

Graduates can expect to find employment in a wide range of fields, from the creative industries (online, advertising, television, music, film) to management, administration, public policy, media research. Graduates will also have had ample opportunities to be familiar with a range of film and video crew functions such as screen-writing, producing, directing, editing, production design, digital compositing, lighting, cinematography etc.

Professional Recognition:

Murdoch University is a member of the Australian Screen Production Education and Research Association.

Recommended Double Majors:

Communication and Media Studies; Journalism; Public Relations; Sound

Main Research Areas:

Media studies; Australian indigenous media; creative industries; film; television; sound, new media digital video.

Quota:

Many of the production units in Screen Production are subject to quota. Entry to Part II production units depends on students' performance (Distinction grade average) in the Part I production unit prerequisites. In certain instances, and at the discretion of the Academic Chair, the Part I prerequisite may be waived for students with previous production experience.

Course Structure - 72 credit points

Part I - 24 credit points

Foundation Unit - 3 credit points

From 2014, Foundation units will no longer be offered at the Murdoch Campus. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Students enrolled at the Dubai campus will enrol in:

FDN107 Next Life - 3 points
DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal
KAPLAN-SGP: TMA-internal, TSA-internal

Core Units - 9 credit points

MCC116 Introduction to the Screen - 3 points
DUBAI-ISC: TMD-internal

OR

SCR100 Introduction to the Screen - 3 points
MURDOCH: S2-internal, S2-external

MCC128 Screen Production I - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

OR

SCR101 Screen Production 1 - 3 points
MURDOCH: S1-internal (quota of 102 places), S2-internal (quota of 102 places)

MCC124 Photography and Digital Imaging - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

OR

PHO124 Photography 1 - 3 points
MURDOCH: S1-internal (quota of 120 places), S2-internal (quota of 120 places)
ROCKINGHAM: S1-internal (quota of 15 places)

OR

MCC108 Introduction to Communication and Media - 3 points
DUBAI-ISC: TJD-internal, TSD-internal
(Recommended for students wishing to take the Screen Culture List in Part II)

OR

EGL122 Writing and Creativity - 3 points
MURDOCH: S2-internal, S2-external
(Recommended for students wishing to take the Creative List in Part II)

General Electives - 12 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 48 credit points

Core Units - 12 credit points

MCC226 Screen Production 2 - 4 points
MURDOCH: S1-internal (quota of 80 places)
DUBAI-ISC: TJD-internal, TSD-internal

MCC248 Screen Texts - 4 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

MCC333 Documentary - 4 points
MURDOCH: S1-internal
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

Specified Electives - 12 credit points

Select from one of the following lists.

Creative List

MCC353 Writing for the Screen - 4 points
MURDOCH: S2-internal

MCC201 Professional Development in Screen Production - 4 points
MURDOCH: S2-internal (quota of 80 places)
DUBAI-ISC: TMD-internal

MCC302 Advanced Screen Production - 4 points
MURDOCH: S2-internal (quota of 60 places)
DUBAI-ISC: TJD-internal, TSD-internal

Industry List

MCC201 Professional Development in Screen Production - 4 points
MURDOCH: S2-internal (quota of 80 places)
DUBAI-ISC: TMD-internal

MCC302 Advanced Screen Production - 4 points
MURDOCH: S2-internal (quota of 60 places)
DUBAI-ISC: TJD-internal, TSD-internal

MCC312 Media Projects - 4 points
MURDOCH: S1-internal, S2-internal
DUBAI-ISC: TMD-internal

Screen Culture List

MCC235 Television, Video and Popular Culture - 4 points
Not available this year

MCC231 Narrating the Nation: Media, Identity, Culture - 4 points
Not available this year

PHL214 Film and Philosophy - 4 points
MURDOCH: S2-internal, S2-external

General Electives - 24 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

HONOURS IN SCREEN PRODUCTION (BMEDIA(HONS))

School of Arts

Bachelor of Media with Honours (BMedia(Hons)) in Screen Production

Course Codes: H1224

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research. In Screen Production, students have the option of doing a screen production and exegesis.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 12 credit points

MCC444 Honours Seminar in Media Communication and Culture - 4 points
MURDOCH: S1-internal

MCC4201 Honours Topic in Media Communication and Culture - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

MCC4202 Honours Topic in Media Communication and Culture - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

Thesis - 12 credit points

MCC4209 Honours Thesis in Media Communication and Culture -

12 points
MURDOCH: S1-internal, S2-internal

SECURITY, TERRORISM AND COUNTERTERRORISM

SECURITY, TERRORISM AND COUNTERTERRORISM STUDIES (BA)

School of Management and Governance

Bachelor of Arts (BA) in Security, Terrorism and Counterterrorism Studies

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Not currently available to new admissions

This course provides students with a critical understanding of the nature of security, terrorism and counterterrorism measures in Australia and other parts of the world. It defines security broadly to incorporate the protection of individuals and their values, norms, rules, institutions and property from military and non-military threats. It explains terrorism as a threat to security, but suggests a multiple approach to the 'war on terror', involving diplomacy, development, capacity building and military force.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode. Individual units may require access to specific nominated software.

Employment Prospects:

Graduates of this course will be excellent candidates for recruitment into the intelligence services as well as in the Departments of Foreign Affairs and Trade, Defence, and Immigration and Citizenship, and the Attorney-General's Office. They will also be suited for employment in journalism, international business and corporate management. Employment opportunities will be enhanced for those who combine this degree with majors from areas like Asian Studies, Asian Languages, Law, Business, Information Technology or Science.

Recommended Double Majors:

History; Politics and International Studies; Sociology

Recommended Minors:

Asian Studies; Ethics; Journalism; Legal Studies; Sociology

Excluded Minors:

Security, Terrorism and Counterterrorism

Languages and Writing Skills:

Security, Terrorism and Counterterrorism students are strongly encouraged to include a writing unit in their selection of a general

elective at either Part I or Part II. It is also recommended that students consider studying a language other than English, with Indonesian, Japanese, Biblical Hebrew and New Testament Greek, all available at Murdoch through the Asian Studies or Theology courses.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 9 credit points

POL192 Perspectives on Security and Terrorism - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S2-internal

POL161 Asia-Pacific in the Global System - 3 points
MURDOCH: S1-internal, S1-external

LEG100 Law, Justice and Social Policy - 3 points
MURDOCH: S2-internal
ROCKINGHAM: S1-internal

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 6 credit points

POL234 Terrorism in a Globalised World - 3 points
Not available this year

POL236 US Policies and Global Security - 3 points
Not available this year

Specified Elective - 3 credit points

Select from the following:

POL237 Politics and Security in South Asia - 3 points
Not available this year

POL224 International Politics - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 6 credit points

POL344 Australian Foreign and Security Policy - 3 points
Not available this year

POL345 International Security Studies - 3 points
Not available this year

Specified Elective - 3 credit points

Select from the following:

POL338 Politics and Security in South-East Asia: Terrorists, Gangsters and the State - 3 points
Not available this year

POL312 Politics and Security in North-East Asia - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN SECURITY, TERRORISM AND COUNTERTERRORISM STUDIES (BA(HONS))

School of Management and Governance

Bachelor of Arts with Honours (BA(Hons)) in Security, Terrorism and Counterterrorism Studies

Course Codes: H1184

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean Learning and Teaching.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Core Units - 12 credit points

ART404 Research Methods in Social Sciences and Humanities - 4 points
MURDOCH: S1-internal, S1-external

POL4071 Advanced Honours Topic in Politics and International Studies - 4 points

MURDOCH: S1-internal, S2-internal, Y-internal

A 400/500-level elective - 4 points

Recommended:

Electives must be relevant to the proposed Honours Research.

Students should consult with the Academic Chair regarding their unit choice.

Thesis - 12 credit points

POL4019 Honours Thesis in Security, Terrorism and

Counterterrorism Studies - 12 points

MURDOCH: S1-internal, S2-internal

SOCIOLOGY

SOCIOLOGY (BA)

School of Arts

Bachelor of Arts (BA) in Sociology

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Sociology helps us to grasp the connections between the personal and the social in a global context. It helps us understand how changes in the structure of society, the material world (eg. Technology), the economy, cultural systems of beliefs and values, and access to power, influence us as members of society. Sociology is particularly interested in class, gender, ethnicity, and religion. Sociological knowledge and skills are increasingly important in a wide range of professions and occupations, and provide a broader perspective for understanding the world.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

Skills in critical thinking, social research, policy analysis and project evaluation are crucial in numerous occupations. Sociology graduates are well suited to careers in local, state and federal public service, and in welfare, community, industrial and commercial organisations.

Recommended Double Majors:

Community Development; Politics and International Studies; Social and Developmental Psychology

Recommended Minors:

Community Development; Criminology; Modern Social History; Philosophy

Excluded Minors:

Sociology

Main Research Areas:

Social change and social equity.

Languages and Writing Skills:

Sociology students are strongly encouraged to include a writing unit in their selection of a general elective at either Part I or Part II. It is also recommended that students consider studying a language other than English, with Indonesian, Japanese, Biblical Hebrew and New Testament Greek, all available at Murdoch through the Asian Studies or Theology courses.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BAR100 Academic Learning Skills - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ROCKINGHAM: S2-internal

Core Units - 6 credit points

SOC134 Introduction to Sociology - 3 points

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S2-internal

COD125 Introduction to Community Development - 3 points

MURDOCH: S1-internal, S1-external

General Electives - 12 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points

Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points

Not available this year

Core Units - 9 credit points

SOC205 Sociology and Everyday Life - 3 points

Not available this year

SOC203 Australian Youth Culture - 3 points

Not available this year

SOC202 Sociology of Law - 3 points

Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of

a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

SOC304 Classical Sociological Theory - 3 points
Not available this year

SOC396 Power, Security and Modern Life - 3 points
Not available this year

SOC313 Health and Society - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN SOCIOLOGY (BA(HONS))

School of Arts

Bachelor of Arts with Honours (BA(Hons)) in Sociology

Course Codes: H1122

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 12 credit points

ART404 Research Methods in Social Sciences and Humanities - 4 points
MURDOCH: S1-internal, S1-external

Plus 8 points from the following:

SOC4061 Honours Topic in Sociology - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

SOC4062 Honours Topic in Sociology - 4 points

MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500-level) - 4 points

Thesis - 12 credit points

SOC4069 Honours Thesis in Sociology - 12 points

MURDOCH: S1-internal, S2-internal

SOUND

SOUND (BA)

School of Arts

Bachelor of Arts (BA) in Sound

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

Restriction: Enrolment in this course is subject to restriction.

Sound design incorporates the way sound is used both in media and in everyday life. Music recording, film sound, game sound, and industrial sound design professionals create the recognisable sounds of the modern world and create new sounds.

This major focuses on the practice of contemporary sound design and production, combining a mix of theory and production in areas such as popular music, sound for film and games, studio recording, music technology and sound design.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

This course is only available to internal students at Murdoch campus since it is a production-based course which utilises the facilities at this campus.

Employment Prospects:

Music recording, editing, mixing and remixing; film and television sound recording, sound editing, sound mixing and sound design; sound design for interactive media and theatre; industrial sound design.

Professional Recognition:

Murdoch University is a member of the Australian Screen Production Education and Research Association.

Recommended Double Majors:

Games Art and Design; Radio; Screen Production

Excluded Minors:

Sound

Main Research Areas:

Sound for film and television, sound design, music technology, recording studios, sound in interactive media.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 9 credit points

RAD105 Introduction to Radio - 3 points
MURDOCH: S2-internal (quota of 80 places)

SOU169 Introduction to Sound Studies - 3 points
MURDOCH: S1-internal

SOU101 Introduction to Audio Production - 3 points
MURDOCH: S2-internal (quota of 90 places)

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

SOU268 Music Technology - 3 points
Not available this year

SOU214 Sound Production - 3 points
Not available this year

RAD274 Popular Music - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

SOU376 Sound Design - 3 points
Not available this year

SOU377 Soundtrack - 3 points
Not available this year

SOU378 Sound Projects - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN SOUND (BMEDIA(HONS))

School of Arts

Bachelor of Media with Honours (BMedia(Hons)) in Sound

Course Codes: H1226

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research. In Sound, students have the option of doing a sound based production and exegesis.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 12 credit points****Core Units - 12 credit points**

MCC444 Honours Seminar in Media Communication and Culture - 4 points
MURDOCH: S1-internal

MCC4201 Honours Topic in Media Communication and Culture - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

MCC4202 Honours Topic in Media Communication and Culture - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

Thesis - 12 credit points

MCC4209 Honours Thesis in Media Communication and Culture - 12 points
MURDOCH: S1-internal, S2-internal

SPORTS SCIENCE

MOVEMENT SCIENCE (BSC)

School of Psychology and Exercise Science

Bachelor of Science (BSc) in Movement Science

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Sport and in particular Exercise science is a growing discipline within Australia and worldwide. Movement science focuses on the sub disciplines of biomechanics and motor control. Students will develop knowledge and skills that will allow them to assess and improve the movement of both athletes and individuals with neuromuscular skeletal diseases.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

A Working with Children Check may be required for some practical placements.

All students in their third year must complete 70 hours of approved industry practicum and all associated documents including their practicum logbook in order to fulfil the requirements of this major. The practicum involves primarily industry work experience, one or two on-campus workshops, and scheduled meetings with the Practicum Coordinator. The practicum experience must be approved by the Academic Chair responsible for Movement Science. Students enrolled in Sport and Health Science are not allowed to use these hours to meet the practicum requirements of that major.

Employment Prospects:

The range of workplace settings include: university sport science labs; academies of sport; institutes of sport; professional and amateur sporting clubs

Professional Accreditation:

Students who complete both this major and Sport and Health Science will be eligible to apply for membership with Exercise and Sports Science Australia as an Exercise Scientist.

Recommended Double Majors:

Sport and Health Science

Recommended Minors:

Environmental Issues; Management; Marketing; Media Studies

Excluded Majors:

Exercise Physiology

Recommended Double Majors:

Students who wish to register with Exercise and Sports Science Australia (ESSA) as an Exercise Scientist or enter into the BSc (Exercise Physiology) to become an Accredited Exercise Physiologist will be required to take a second major in Sport and Health Science.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 9 credit points

EXS124 Introduction to Sports Science - 3 points
MURDOCH: S1-internal

EXS103 Strength and Resistance Training - 3 points
MURDOCH: S2-internal

CHI108 Introduction to Human Anatomy - 3 points
MURDOCH: S2-internal

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

EXS2041 Biomechanics I - 3 points
Not available this year

CHI234 Human Anatomy II - 3 points
Not available this year

EXS205 Acquisition of Skills and Motor Control - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

EXS306 Physical Assessment and Rehabilitation - 3 points
Not available this year

EXS305 Advanced Skills and Motor Control - 3 points
Not available this year

EXS304 Biomechanics II - 3 points
Not available this year

Students who wish to register with Exercise and Sports Science Australia as an Exercise Scientist or enter into the BSc (Exercise Physiology) to become an Accredited Exercise Physiologist will be required to take a second major in Sport and Health Science.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

SPORT AND HEALTH SCIENCE (BSC)

School of Psychology and Exercise Science

Bachelor of Science (BSc) in Sport and Health Science

Course Codes: B1317

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Sport and in particular Exercise science is a growing discipline within Australia and worldwide. The Sports and Health Science major focuses on the sub disciplines of Exercise Physiology and Sports Psychology. Students will develop knowledge and skills that will enable them to prescribe exercise to healthy populations, including elite athletes, while understanding the psychological background to exercise and sport.

Murdoch's Bachelor of Science is a flexible degree which gives you the opportunity to build deep understanding and practical experience as well as to supplement your studies by engaging with industry and the community on relevant problems. You can even undertake studies through another discipline to broaden your understanding of the way in which science operates in relation to social, business, health and policy environments.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Special Requirements:

A Working with Children Check will be required for some practical placements.

All students in their third year must complete 70 hours of approved industry practicum and all associated documents including their practicum logbook in order to fulfil the requirements of this major. The practicum involves primarily industry work experience, one or two on-campus workshops, and scheduled meetings with the Practicum Coordinator. The practicum experience must be approved by the Academic Chair responsible for Sport and Health Science. Students enrolled in Movement Science are not allowed to use these hours to meet the practicum requirements of that major.

Employment Prospects:

The range of workplace settings include: University sport science labs; academies of sport; institutes of sport; professional and amateur sporting clubs; and fitness clubs.

Professional Accreditation:

Students who complete both this major and Movement Science will be eligible to apply for membership with Exercise and Sports Science Australia as an Exercise Scientist.

Recommended Double Majors:

Human Resources Management; Management; Movement Science; Public Relations

Recommended Minors:

Environmental Issues; Management; Marketing; Media Studies

Excluded Majors:

Exercise Physiology

Main Research Areas:

Sports Science.

Accreditation and Registration:

No accreditation requirements.

International applicants will need to provide proof of having met an overall IELTS score of at least 6. Please note that IELTS scores are valid for two years only. It is the student's responsibility to arrange for a current IELTS prior to application for registration with the NBWA. Results from tests completed more than two years prior to application for registration will not be accepted.

Recommended Double Majors:

Students who wish to register with Exercise and Sports Science Australia as an Exercise Scientist or enter into the BSc (Exercise Physiology) to become an Accredited Exercise Physiologist will be required to take a second major in Movement Science.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 9 credit points

BMS101 Introduction to the Human Body - 3 points
MURDOCH: S1-internal

EXS124 Introduction to Sports Science - 3 points
MURDOCH: S1-internal

PSY172 Introduction to Psychological Health and Wellbeing - 3 points
MURDOCH: S2-internal
ROCKINGHAM: S2-internal

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

EXS201 Sports Psychology - 3 points
Not available this year

EXS202 Exercise Physiology I - 3 points
Not available this year

EXS203 Health, Fitness and Performance Assessment - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BSC300 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

EXS302 Exercise Physiology II - 3 points
Not available this year

EXS301 Advanced Sports Psychology - 3 points
Not available this year

EXS303 Exercise, Programming and Prescription - 3 points
Not available this year

Students who wish to enter into the BSc (Exercise Physiology) to become an Accredited Exercise Physiologist will be required to take a second major in Movement Science.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN MOVEMENT SCIENCE (BSC(HONS))

School of Psychology and Exercise Science

Bachelor of Science with Honours (BSc(Hons)) in Movement Science

Course Codes: H1253

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

The aim of Honours is to extend the student's grasp of the principles and practice of the subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Credit average; subject to availability of a suitable supervisor and approval by the Dean of School.

Applications can be made online at

<http://goto.murdoch.edu.au/OnlineApplications>

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 3 credit points

EXS591 Research Methods in Exercise Science - 3 points
Not available this year

Thesis - 21 credit points

EXS594 Honours Thesis in Movement Science - 21 points
Not available this year

HONOURS IN SPORT AND HEALTH SCIENCE (BSC(HONS))

School of Psychology and Exercise Science

Bachelor of Science with Honours (BSc(Hons)) in Sport and Health Science

Course Codes: H1254

Duration: 1 year full-time or part-time equivalent

Availability:

- Not currently available to new admissions

The aim of Honours is to extend the student's grasp of the principles and practice of the subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Credit average; subject to availability of a suitable supervisor and approval by the Dean of School.

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

English Competence:

English competence.

Course Structure - 24 credit points

Coursework - 3 credit points

EXS591 Research Methods in Exercise Science - 3 points
Not available this year

Thesis - 21 credit points

EXS593 Honours Thesis in Sports and Health Science - 21 points
Not available this year

HONOURS IN SPORTS SCIENCE (BSPORTSSC(HONS))

School of Psychology and Exercise Science

Bachelor of Sports Science with Honours (BSportsSc(Hons))

Course Codes: H1193

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The aim of Honours is to extend the student's grasp of the principles and practice of the subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Credit average; subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at <http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Thesis - 24 credit points**

Full-time students will be enrolled in:

EXS4909-12 Honours Thesis in Sports Science - 12 points
MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Plus a further enrolment in:

EXS4909-12 Honours Thesis in Sports Science - 12 points
MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

SUSTAINABILITY**SUSTAINABLE DEVELOPMENT (BA)**

School of Management and Governance

Bachelor of Arts (BA) in Sustainable Development

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

This course aims to train the next generation of sustainability leaders for world-changing work in Australia and overseas. Students explore the environmental, economic, social and cultural dimensions of sustainability, and develop a wide range of much-needed green skills. Areas covered include urban and rural sustainability, sustainability ethics and economics, and sustainable lifestyles and behaviour change. The emphasis is on giving students the sustainability expertise needed to 'make a difference' within communities and regions and at the global level.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or

the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

There are increasing employment opportunities for graduates who are knowledgeable, skilled and passionate about sustainable development, at federal, state and local government, in non-government organisations, international agencies, corporations, local business and the media.

Recommended Double Majors:

Community Development; International Aid and Development; Politics and International Studies

Recommended Minors:

Indigenous Sustainability; Issues in Global Development

Excluded Minors:

Sustainable Development

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 9 credit points

SUS100 Introduction to Sustainable Development - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

SUS101 Introduction to Sustainability Ethics and Values - 3 points
MURDOCH: S2-internal, S2-external

COD125 Introduction to Community Development - 3 points
MURDOCH: S1-internal, S1-external

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Units - 9 credit points

SUS200 Approaches to Sustainable Development - 3 points
Not available this year

SUS203 Sustainability, Ecology and Communities - 3 points
Not available this year

ENV245 Global and Regional Sustainability - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 9 credit points

SUS305 Economics and Sustainability - 3 points
Not available this year

SUS310 Cities and Sustainability - 3 points
Not available this year

SUS301 Sustainable Development - 3 points
Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

HONOURS IN SUSTAINABLE DEVELOPMENT (BA(HONS))

School of Management and Governance

Bachelor of Arts with Honours (BA(Hons)) in Sustainable Development

Course Codes: H1170

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 4 credit points

ART404 Research Methods in Social Sciences and Humanities - 4 points
MURDOCH: S1-internal, S1-external

Elective Units - 8 credit points

Select from the following:

SUS400 Honours Topic in Sustainable Development - 8 points
MURDOCH: S1-internal, S2-internal, Y-internal

Two elective units (300- to 500-level)

Recommended:

SUS3321 Sustainable Development Internship/Project - 4 points
MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external

Thesis - 12 credit points

SUS401 Honours Thesis in Sustainable Development - 12 points
MURDOCH: S1-internal, S2-internal

THEATRE AND DRAMA STUDIES

THEATRE AND DRAMA (BA)

School of Arts

Bachelor of Arts (BA) in Theatre and Drama

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

Theatre and Drama Studies introduces students to a range of important theatrical and dramatic texts. It also provides students with the opportunity to develop skills in reading and responding to this material both creatively and critically. Students will develop a thorough understanding of the role and function of dramatic work and performance in a range of different social and cultural contexts. They will also learn about the important theoretical and philosophical frameworks supporting these art forms, and will be guided in the development of skills in acting, writing, producing and designing. Upon completion of the major, graduates will be skilled and confident in their ability to undertake critical and creative work in the fields of theatre production and performance.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal admission requirements.

English Competence:

English competence.

Special Requirements:

A Working with Children Check will be required for some practical components.

Employment Prospects:

Graduates may choose to pursue a career as a producer/director,

actor, stage manager or scriptwriter, find jobs in the television and film industry or decide to enter the teaching profession. Some potential employers may be theatre/drama companies and radio/television networks.

Recommended Double Majors:

English and Creative Writing; Interactive Digital Design

Recommended Minors:

Creative Writing; Literature

Excluded Minors:

Theatre and Drama Studies

Main Research Areas:

Performance praxis; writing for the stage; contemporary acting theories; performance art; installation works; dance; design; directing; lighting and sound design; dramaturgy; and production and stage management.

On-Campus Study Requirement:

This course includes a number of compulsory on-campus components. For further information see individual unit descriptions or contact the School Office.

Course Structure - 72 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 6 credit points

EGL106 Drama, Theatre and Performance - 3 points
MURDOCH: S2-internal

EGL121 Turning Points in Literature - 3 points
MURDOCH: S1-internal, S1-external

General Electives - 12 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BAR200 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points
Not available this year

Core Unit - 3 credit points

EGL236 Performance and Creative Arts - 3 points
Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Unit - 3 credit points

EGL349 Contemporary Theatre Practice - 3 points
Not available this year

Specified Electives - 6 credit points

Select from the Specified Elective Unit List below.

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Specified Elective Unit List

Select Specified Electives from the following units during Years 2 and 3, subject to individual unit prerequisites. At least two units must be at 300 level.

EGL239 Acting and Production I - 3 points
Not available this year

EGL347 Acting and Production II - 3 points
Not available this year

EGL240 Children's Theatre - 3 points
Not available this year

EGL348 Shakespeare - 3 points
Not available this year

EGL241 Design - 3 points
Not available this year

EGL242 Comparative Theatre - 3 points
Not available this year

EDN304 Engaging Communities through Drama - 3 points
Not available this year

**HONOURS IN THEATRE AND DRAMA
(BA(HONS))**

School of Arts

Bachelor of Arts with Honours (BA(Hons)) in Theatre and Drama

Course Codes: H1227

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend student's grasp of the theoretical, conceptual and practical framework of their discipline, and to develop skills for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points**Coursework - 12 credit points****Core Units - 8 credit points**

ART404 Research Methods in Social Sciences and Humanities - 4 points

MURDOCH: S1-internal, S1-external

EGL461 Theories in the Humanities - Honours - 4 points

MURDOCH: S1-internal

Specified Elective - 4 credit points

Select from the following:

EGL469 Honours Dissertation Preliminary - 4 points

MURDOCH: S1-internal, S2-internal, Y-internal

EGL4181 Honours Topic in Theatre and Drama - 4 points

MURDOCH: S1-internal, S2-internal

An undergraduate unit (200/300-level) or a Masters unit (500-level) - 4 points

Thesis - 12 credit points

EGL4189 Honours Thesis in Theatre and Drama - 12 points

MURDOCH: S1-internal, S2-internal

TOURISM**TOURISM AND EVENTS (BA)**

School of Arts

Bachelor of Arts (BA) in Tourism and Events

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)
- Some units only: Rockingham campus (internal)

Tourism and events, including festivals, are important social, political and economic phenomena in many parts of the world. The uniqueness of this degree is that it is offered from within the Social Sciences and is developed within the framework of tourism for sustainable development. Graduates of this degree will enter the workforce with knowledge of the wider tourism system, policy issues relating to tourism and events, and a wide understanding of the nature of socio/cultural, environmental and economic impacts of tourism and events.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are

critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

Admission Requirements (Offshore):

As per normal undergraduate admission requirements.

Internet access.

English Competence:

English competence.

Employment Prospects:

Tourism and hospitality industry as tourism managers, events coordinators, event planners; local government in community development through tourism management and event planning, promotion and organising; state and federal government in tourism management and event development, promotion and evaluation.

Recommended Double Majors:

Public Relations; Sociology; Sustainable Development

Excluded Minors:

Applied Events; Events

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BAR100 Academic Learning Skills - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ROCKINGHAM: S2-internal

Core Units - 6 credit points

TOU101 Introduction to Tourism Systems - 3 points

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

TOU102 Travel and Tourism in Society - 3 points

MURDOCH: S2-internal, S2-external

ROCKINGHAM: S2-internal

KAPLAN-SGP: TJA-internal, TSA-internal

General Electives - 12 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BAR200 Bachelor of Arts Research Skills Unit - 3 points

Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points

Not available this year

Core Units - 6 credit points

TOU221 Sustainable Tourism - 3 points

Not available this year

POL246 Public Policy Analysis - 3 points
Not available this year

General Electives - 12 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points

Research Skills Unit - 3 credit points

BAR300 Bachelor of Arts Research Skills Unit - 3 points
Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points
Not available this year

Core Units - 6 credit points

TOU323 Destination Management - 3 points
Not available this year

TOU324 Events, Policy and Evaluation - 3 points
Not available this year

Specified Electives - 6 credit points

Select from the following units, with at least 3 points at 300 level.

TOU230 Cultural Tourism Interpretation - 3 points
Not available this year

TOU231 Indigenous Tourism Issues - 3 points
Not available this year

ENV278 Nature-Based Tourism - 3 points
Not available this year

TOU232 Festivals and Events - 3 points
Not available this year

TOU322 Tourism Project - 3 points
Not available this year

TOU305 Events Internship - 6 points
Not available this year

General Electives - 6 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

TOURISM AND EVENTS MANAGEMENT (BA)

School of Arts

Bachelor of Arts (BA) in Tourism and Events Management

Course Codes: B1302

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (no new admissions from 2014 at this location for first-year commencing students)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
- Some units only: Murdoch campus (external) (no new admissions from 2014 at this location for first-year commencing students)

Tourism and events, including festivals, are important social, political and economic phenomena in many parts of the world. The uniqueness of this degree is that it is offered from within the Social

Sciences and is developed within the framework of tourism for sustainable development. Graduates of this degree will enter the workforce with knowledge of the wider tourism system, policy issues relating to tourism and events, and a wide understanding of the nature of socio/cultural, environmental and economic impacts of tourism and events.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements

Admission Requirements (Offshore):

As per normal undergraduate admission requirements.

Internet access.

English Competence:

English competence.

Employment Prospects:

Tourism and hospitality industry as tourism managers, events coordinators, event planners; local government in community development through tourism management and event planning, promotion and organising; state and federal government in tourism management and event development, promotion and evaluation.

Recommended Double Majors:

Public Relations; Sociology; Sustainable Development

Excluded Minors:

Applied Events; Events

Course Structure - 72 credit points

Part I - 24 credit points

Foundation Unit - 3 credit points

From 2014, Foundation units will no longer be offered. Students who have not yet successfully completed a Foundation unit will be required to enrol in the following Transition Unit.

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Core Units - 9 credit points

TOU101 Introduction to Tourism Systems - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

TOU102 Travel and Tourism in Society - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal
KAPLAN-SGP: TJA-internal, TSA-internal

SSH100 Ideas in Action - 3 points
Not available this year

OR

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

General Electives - 12 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites.

Part II - 48 credit points

Core Units - 12 credit points

SOC222 Social Research Methods - 4 points
MURDOCH: S1-internal, S1-external

TOU201 Sustainable Tourism - 4 points
MURDOCH: S1-internal, S1-external

KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

POL330 Public Policy Analysis - 4 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TMA-internal

Specified Electives - 12 credit points

Select from the following:

TOU210 Cultural Tourism Interpretation - 4 points
Not available this year

TOU211 Indigenous Tourism Issues - 4 points
MURDOCH: S2-internal, S2-external

TOU212 Festivals and Events - 4 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal
KAPLAN-SGP: TMA-internal

ENV279 Nature-Based Tourism - 4 points
MURDOCH: S1-internal, S1-external

TOU302 Tourism Project - 4 points
MURDOCH: S2-internal, S2-external

TOU303 Destination Management - 4 points
MURDOCH: S2-internal
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

TOU304 Events, Policy and Evaluation - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal

General Electives - 24 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Highly recommended:

BUS207 Tourism and Hospitality Law - 4 points
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

or

BSL207 Tourism and Hospitality Law - 4 points
MURDOCH: S1-internal, S1-external

SSH302 Events Internship - 8 points
ROCKINGHAM: S2-internal

HONOURS IN TOURISM (BTour(HONS))

School of Arts

Bachelor of Tourism with Honours (BTour(Hons))

Course Codes: H1223

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

The aim of Honours is to extend the student's grasp of the principles and practice of their subject, and to develop ability for independent research.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Associate Dean (Learning and Teaching) of the School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

Coursework - 12 credit points

Core Units - 4 credit points

ART404 Research Methods in Social Sciences and Humanities - 4 points
MURDOCH: S1-internal, S1-external

Elective Units - 8 credit points

Select from the following:

TOU4011 Honours Topic in Tourism - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

TOU4012 Honours Topic in Tourism - 4 points
MURDOCH: S1-internal, S2-internal, Y-internal

An undergraduate unit (200/300-level) or a Masters unit (500-level) - 4 points

Thesis - 12 credit points

TOU4019 Honours Thesis in Tourism - 12 points
MURDOCH: S1-internal, S2-internal

VETERINARY SCIENCE

VETERINARY BIOLOGY (BSC)

School of Veterinary and Life Sciences

Bachelor of Science (BSc) in Veterinary Biology

Course Codes: B1323

Availability:

- Murdoch campus (internal)

Restriction: Enrolment in this course is subject to restriction.

Veterinary Science is a major health profession with its own system of education, registration, organisation and ethics. Veterinarians are highly trained in skills of diagnosing, treating and preventing health problems in pets, domestic livestock, wildlife and laboratory animals. Additional areas of interest for veterinarians are increasing the productivity of healthy animals and maintaining standards of food production and safety, animal research and public health.

This six year course of study leads to a registrable professional qualification in veterinary medicine. A degree of Bachelor of Science is awarded after the successful completion of the first seven semesters of the course and is a prerequisite for entry to the final part of the course that leads to the degree of Bachelor of Veterinary Medicine and Surgery (BVMS).

There is an entry quota.

Admission Requirements (Onshore):

Students will be admitted into the five-year veterinary course after successful completion of one year of tertiary study in a relevant science discipline, which will include some prerequisite units. High ranking school-leavers may apply directly to Veterinary Science and, if selected, will be guaranteed a place provided they meet these requirements at Murdoch University.

Prerequisite requirements are shown at the beginning of the structure.

Selected local and interstate non-school leaver applicants who have completed the science prerequisites will be offered entry directly into the veterinary course.

English Competence:

International students demonstrating English competence via IELTS need a score of 7.0, with no individual band less than 7.0.

Special Requirements:

Veterinary Science is an animal-based course. Students are required to participate in practical work involving living and dead animals and/or tissue from animals throughout the course. Students who are exempt from units that require animal handling shall, for safety reasons, be required to sit and pass a practical examination in animal handling.

The BSc in Veterinary Biology can only be undertaken on a full-time basis. Part-time study is not permitted except in the case of students admitted with advanced standing or who are repeating a unit. Approved Leave must be approved by the Academic Chair and will only be permitted under exceptional medical or personal circumstances which are supported by documentation. Students in breach of the requirement to be full-time, without prior approval of the Academic Chair (including retrospective withdrawal), must apply in writing to the VBS Admissions Committee for continuing enrolment.

Students with credit and exemptions, or those repeating units after failure may apply to the Academic Chair for permission to take one or two units from the next year set of units so as to maintain a balanced load.

Professional Recognition:

Graduates are eligible for registration to practice veterinary medicine without further examination in Australia and a number of other countries including Great Britain, New Zealand, Malaysia, South Africa, Singapore and Hong Kong. The degrees are also recognised by the American Veterinary Medical Association which, after passing the appropriate National or State licensing examinations, makes Murdoch graduates eligible to practice in the USA and Canada.

Excluded Majors:

Animal Health

Additional Academic Progress Requirements:

Students may fail no more than one unit in each year set of units (that is, the units normally undertaken in each calendar year of the course under standard full-time enrolment), regardless of whether these are completed in the same calendar year. Students who fail more than one unit from any year set of units or in any one calendar year will be excluded from the course after a formal interview process with the Academic Chair.

A fail in any unit means that the unit will need to be repeated in the following year. Permission to overload will not be given to students who have failed a core unit.

Award with Distinction:

Students who have completed the six year Bachelor of Veterinary Medicine and Surgery at a high standard may be awarded their degree with Distinction or Higher Distinction. This is determined on the basis of overall marks in all core units over the six year course. The overall marks are ranked against those of students from the preceding three graduation classes. Students in the top 10% of the combined four years of graduates will graduate with High Distinction. Students in the next 15% band will graduate with Distinction.

Further Study: Applied Veterinary Medicine (BVMS):

A further two and a half years of study in Applied Veterinary Medicine leads to a degree of Bachelor of Veterinary Medicine and Surgery (BVMS) which is a registrable veterinary qualification.

The latter years are directed towards the acquisition of knowledge and skills required to diagnose, prevent and treat disease in animals and to optimise animal health and productivity.

Students may not enter the Applied Veterinary Medicine (BVMS) course until they have completed all units and unit components from Veterinary Biology (BSc), or equivalent, and are eligible for award of the BSc.

Students may not enter the final year of the BVMS course without passing or having exemptions or credits from all units comprising the first one and a half years of the BVMS course.

Waardong

Waardong provides special entry and academic, social and cultural support for Aboriginal and Torres Strait Islander students enrolled in Veterinary Science.

For further information, see the Waardong entry in the University Access Courses section of the Handbook.

Course Structure - 84 credit points

Part I - 24 credit points

Year 1 - 24 credit points

Transition Unit - 3 credit points

BSC100 Building Blocks for Science Students - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Breadth Unit for Degree - 3 credit points

BSC150 What is Science? - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Core Units - 18 credit points

ANS102 Introduction to the Animal Body - 3 points
MURDOCH: S1-internal

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ANS101 Introduction to Livestock Science - 3 points
MURDOCH: S2-internal

BMS107 Foundations of Vertebrate Form and Function - 3 points
MURDOCH: S2-internal

BIO152 Foundations of Cell and Molecular Biology - 3 points
MURDOCH: S2-internal

MAS183 Statistical Data Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Part II - 60 credit points

Year 2 - 24 credit points

Research Skills Unit - 3 credit points

BSC200 Bachelor of Science Research Skills Unit - 3 points
Not available this year

Core Units - 18 to 21 credit points

VET260 Veterinary Anatomy I - 3 points
Not available this year

VET291 Animal Cellular Structure and Development - 3 points
Not available this year

VET272 Veterinary Biochemistry - 3 points
Not available this year

VET274 Veterinary Physiology I - 3 points
Not available this year

VET271 Veterinary Anatomy II - 3 points
Not available this year

VET273 Veterinary Physiology II - 3 points
Not available this year

VET242 Animal Systems I - 3 points
NA 2014
Students who have already completed ANS101 Introduction to Livestock Science are exempt from this unit and are required to take a Specified Elective.

Specified Elective - 0 to 3 credit points

Students who have already completed ANS101 Introduction to Livestock Science are exempt from VET242 Animal Systems I and are required to take a Specified Elective. The following units are suggested because attempts are made to timetable these to avoid common unit clashes and content is relevant to veterinary science. Students should consult their Academic Chair to confirm their choice.

ANS3XX Equine Physiology and Behaviour - 3 points
NA 2014

ANS3XX Equine Nutrition and Health - 3 points
NA 2014

ANS3XX Applied Animal Agriculture - 3 points
NA 2014

ANS3XX Applied Animal Breeding - 3pts
NA 2014

or other 200- to 400-level units offered by the University, subject to individual unit prerequisites.

Year 3 - 24 credit points

Core Units - 24 credit points

VET375 Processes in Animal Disease - 3 points
Not available this year

VET376 Veterinary Microbiology - 3 points
Not available this year

VET380 Veterinary Nutrition and Animal Toxicology - 3 points
Not available this year

VET342 Animal Systems II - 3 points
NA 2014

VET293 Veterinary Immunology and Molecular Genetics - 3 points
Not available this year

VET378 Veterinary Parasitology - 3 points
Not available this year

VET383 Veterinary Professional Life II - 3 points
Not available this year

VET379 Veterinary Pharmacology - 3 points
Not available this year

Year 4 - 24 credit points

Core Units - 12 credit points

Semester 1

VET442 Animal Systems III - 3 points
NA 2014

VET484 Veterinary Professional Life III - 3 points
Not available this year

VET377 Veterinary Diagnostic Pathology - 3 points
Not available this year

VET392 Systemic Pathology, Toxicology and Chemotherapy - 3 points
Not available this year

HONOURS IN VETERINARY BIOLOGY (BSC(HONS))

School of Veterinary and Life Sciences

Bachelor of Science with Honours (BSc(Hons)) in Veterinary Biology

Course Codes: H1053

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

The Honours course aims to train students for independent research as well as to provide advanced or broadening studies within the student's chosen field. A wide range of disciplines is available for study: it includes anatomy, bacteriology, biochemistry, embryology, epidemiology, histology, immunology, nutrition, parasitology, pathology, pharmacology, physiology, toxicology, virology, and clinical sciences.

Further details of the Honours course and areas of study can be obtained from the Chair of the Honours Subcommittee.

An Honours qualification of 2A is normally required for admission to higher research degree study.

Admission Requirements (Onshore):

Completion of a Bachelor Degree (AQF Level 7) or equivalent in the same discipline or cognate area with a Distinction average; subject to availability of a suitable supervisor and approval by the Dean of School.

English Competence:

English competence.

Apply Online:

Applications can be made online at
<http://goto.murdoch.edu.au/OnlineApplications>

Course Structure - 24 credit points

The principal component of the Honours course is a research project and thesis. This project is selected in consultation with the student's supervisor and must have the approval of the School Committee. Students will also be expected to undertake guided reading intended to broaden their area of expertise in topics other than those directly related to the specific area of the research topic. In certain cases, depending upon previous academic background and experience, students may be expected to attend relevant lectures and practical classes of units or unit components when these are available. Two seminars will be presented by each student, an introductory seminar on the thesis topic and a final seminar on the project results.

Students taking the honours year should enrol in

VET4009 Honours Thesis in Veterinary Biology - 24 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external
(24 points full-time or 12 points part-time)

WEB COMMUNICATION

WEB COMMUNICATION (BA)

School of Arts

Bachelor of Arts (BA) in Web Communication

Course Codes: B1316

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

Web Communication combines an exciting mix of web design, digital marketing and public relations. Students will learn how to design and develop strategies for web communication campaigns using a range of digital media including, social media, websites, mobile technology, games, video and online news media. Students will learn all about conveying information and ideas using networks such as Facebook, Twitter and YouTube, powerful search engines such as Google and Yahoo and well-designed and written websites and blogs to deliver creatively planned strategic outcomes for organisations.

In the Bachelor of Arts you will develop a broad understanding of your field and proficiency in producing written and oral arguments and creative artifacts in response to social, human and natural phenomena. You will also develop a critical appreciation of the perspectives of others. As an Arts graduate you will be able to think critically and creatively, apply knowledge and information, and communicate effectively. These are professional skills which are critical across a range of industries. You will also be able to pursue further study in the fields of social research, the humanities and/or the creative arts.

Admission Requirements (Onshore):

As per normal undergraduate admission requirements.

Admission Requirements (Offshore):

As per normal undergraduate admission requirements.

English Competence:

English competence.

Employment Prospects:

You will be able to undertake a range of creative production and strategic roles such as: web communications specialist; online PR and marketing consultant; SEO strategist; web-content strategist; e-commerce specialist; web producer; e-marketer; web studio account manager; and social media strategist, just to name a few.

Professional Recognition:

Murdoch University is a member of the Australian Screen Production Education and Research Association.

Recommended Double Majors:

Interactive Digital Design; Journalism; Public Relations; Screen Production

Recommended Minors:

Journalism; Marketing; Photography; Public Relations; Screen Production; Sound

Main Research Areas:

Online communication; online media production; online marketing and PR.

Course Structure - 72 credit points**Part I - 24 credit points****Year 1 - 24 credit points****Transition Unit - 3 credit points**

BAR100 Academic Learning Skills - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Breadth Unit for Degree - 3 credit points

BAR150 Ideas and Identity - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

Core Units - 9 credit points

PRO107 Introduction to Public Relations - 3 points

MURDOCH: S1-internal, S1-external

IDD118 Visual Communication - 3 points

MURDOCH: S2-internal

PRO101 Introduction to Social Media - 3 points

MURDOCH: S2-internal

General Electives - 9 credit points

Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Part II - 48 credit points**Year 2 - 24 credit points****Research Skills Unit - 3 credit points**

BAR200 Bachelor of Arts Research Skills Unit - 3 points

Not available this year

Breadth Unit University-Wide - 3 credit points

BRD250 University Breadth Unit - 3 points

Not available this year

Core Units - 9 credit points

WEB278 Web Strategy - 3 points

Not available this year

WEB263 Web Design - 3 points

Not available this year

CMS201 Screen: Small, Medium and Large - 3 points

Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Year 3 - 24 credit points**Research Skills Unit - 3 credit points**

BAR300 Bachelor of Arts Research Skills Unit - 3 points

Not available this year

Breadth Unit University-Wide - 3 credit points

BRD350 University Breadth in Practice Unit - 3 points

Not available this year

Core Units - 9 credit points

WEB303 Business of Freelancing - 3 points

Not available this year

WEB302 Web Metrics - 3 points

Not available this year

WEB301 Web Communication Project - 3 points

Not available this year

General Electives - 9 credit points

Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using General Elective points to meet the requirements of a second major or minor. Any recommended double majors and minors will be included in the major's description.

Minors

Cancellation of Courses, Majors, Minors and Units

The University reserves the right to cancel, without notice, any course, major, minor or unit if the number of students enrolled falls below limits set by the University or in other unforeseen circumstances.

Minor	Parent Major
Accounting	Accounting
Animal Biology	Biological Sciences
Anthropology	Asian Studies
Applied Events	Tourism and Events
Applied Statistics	Mathematics and Statistics
Asian Languages	Asian Studies
Asian Studies	Asian Studies
Australian Indigenous Studies	Australian Indigenous Studies
Biomedical Science	Biomedical Science
Business Law	Business Law
Community Development	Community Development
Conservation Biology	Conservation and Wildlife Biology
Creative Writing	English and Creative Writing
Criminology	Criminology
Cyber Forensics	Cyber Forensics and Information Security
Developmental Psychology	Social and Developmental Psychology
Economics	Economics
Ecosystem Management	Environmental Science
Education Studies	Primary Teaching (Four Years)
Energy Studies	Physics and Nanotechnology
Environmental Issues	Environmental Science
Ethics	Philosophy
Events	Tourism and Events
Fisheries Science	Marine Science
Forensic Biology	Forensic Biology and Toxicology
Gender Studies	Asian Studies
Global Engagement	Community Development
Health Psychology	Cognitive Neuroscience and Health Psychology
Human Anatomy	Biomedical Science
Human Resources Management	Human Resources Management
Inclusive Education	Primary Teaching (Four Years)
Indigenous Sustainability	Australian Indigenous Studies
Infection and Immunity	Biomedical Science
Issues in Global Development	International Aid and Development
Journalism	Journalism
Legal Studies	Legal Studies
Literature	English and Creative Writing
Management	Management
Marine Biology	Marine Science
Marketing	Marketing
Mass Communication	Communication and Media Studies
Mathematical Modelling	Mathematics and Statistics
Media Studies	Communication and Media Studies
Modern Social History	History
Molecular Biology	Molecular Biology
Neuroscience	Cognitive Neuroscience and Health Psychology
Nutritional Biochemistry	Biomedical Science
Organic Chemistry	Chemistry

Minor	Parent Major
Organisational Psychology	Social and Developmental Psychology
Philosophy	Philosophy
Photography	Screen Production
Physics	Physics and Nanotechnology
Politics	Politics and International Studies
Pollution Science	Environmental Science
Public Policy and Management	Politics and International Studies
Public Relations	Public Relations
Radio	Journalism
Screen Production	Screen Production
Security, Terrorism and Counterterrorism	Security, Terrorism and Counterterrorism Studies
Social and Developmental Psychology	Social and Developmental Psychology
Social Psychology	Social and Developmental Psychology
Sociology	Sociology
Software Development	Computer Science
Sound	Sound
Sport Psychology	Social and Developmental Psychology
Sustainable Development	Sustainable Development
Theatre and Drama Studies	Theatre and Drama
Tourism	Tourism and Events

ACCOUNTING

School of Management and Governance

Parent Major:

Accounting

Excluded Majors:

Accounting

Minor Structure - 15 credit points

Core Units - 11 credit points

Part I

BUS160 Introduction to Accounting - 3 points
DUBAI-ISC: TMD-internal

Part II

BUS217 Technology and Accounting Processes - 4 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

BUS256 Contemporary Financial Accounting - 4 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S1U-internal
SGP1: TMB-internal

Specified Electives - 4 credit points

Select from the following:

BUS310 Accounting Theory and Accountability - 4 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

BUS227 Management Accounting - 4 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

BUS312 Auditing - 4 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

BUS313 Taxation - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TMA-internal
KDUPJ: S1U-internal
SGP1: TMB-internal

ANIMAL BIOLOGY

School of Veterinary and Life Sciences

Parent Major:

Biological Sciences

Minor Structure - 14 credit points

Core Units - 14 credit points

Part I

BIO103 Introduction to Environmental Biology - 3 points
MURDOCH: S1-internal, S1-external

BMS107 Foundations of Vertebrate Form and Function - 3 points
MURDOCH: S2-internal

Part II

Plus two units from the following:

BIO261 Animal Diversity - 4 points
MURDOCH: S1-internal

BIO317 Wildlife Biology - 4 points
MURDOCH: S2-internal

BIO205 Sustainable Management of Fish and Wildlife - 4 points
MURDOCH: S2-internal

ANTHROPOLOGY

School of Arts

Parent Major:

Asian Studies

Minor Structure - 15 to 16 credit points

Core Units - 8 credit points

Select from the following:

AST212 Anthropology, Society and Culture - 4 points
MURDOCH: S1-internal, S1-external

PHL217 Meaning and Interpretation - 4 points
MURDOCH: S2-internal, S2-external

AST252 Culture and Religion in Asia - 4 points
Not available this year

Specified Electives - 7 to 8 credit points

Select from the following:

AST250 Society, Culture and Ecology in Asia - 4 points
MURDOCH: S1-internal, S1-external

MCC284 Food: Media Culture - 4 points
Not available this year

AST258 Women in Asian Societies - 4 points
MURDOCH: S2-internal, S2-external

ALS240 Indigenous Spirituality - 4 points
MURDOCH: S2-internal, S2-external

ALS266 Bullargar Katitjin - Learning Together - 4 points
MURDOCH: W-internal

Students may also wish to consider cross-enrolment in the following UWA unit:

ANTH3001 Doing Ethnography - 3 points equivalent.

Please check the UWA Handbook for availability of this unit and apply for cross-Institutional enrolment through the Murdoch University Student Centre.

APPLIED EVENTS

School of Arts**Parent Major:**

Tourism and Events

Excluded Majors:

Tourism and Events; Tourism and Events Management

Excluded Minors:

Events

Minor Structure - 18 credit points**Core Units - 18 credit points****Part I - 6 credit points**

TOU101 Introduction to Tourism Systems - 3 points

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

TOU102 Travel and Tourism in Society - 3 points

MURDOCH: S2-internal, S2-external

ROCKINGHAM: S2-internal

KAPLAN-SGP: TJA-internal, TSA-internal

Part II - 12 credit points

TOU212 Festivals and Events - 4 points

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

KAPLAN-SGP: TMA-internal

SSH302 Events Internship - 8 points

ROCKINGHAM: S2-internal

APPLIED STATISTICS

School of Engineering and Information Technology**Parent Major:**

Mathematics and Statistics

Excluded Majors:

Mathematics and Statistics

Minor Structure - 11 credit points**Core Units - 11 credit points**

Select one unit from each of the following three groups.

Group 1

MAS180 Introduction to Statistics - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

DUBAI-ISC: TJD-internal, TSD-internal

KDUPJ: S1U-internal

MAS183 Statistical Data Analysis - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Group 2

MAS230 Biostatistical Methods - 4 points

MURDOCH: S2-internal, S2-external

MAS278 Probability and Statistical Inference - 4 points

MURDOCH: S1-internal, S1-external

MAS284 Applied Statistics and Process Management - 4 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Group 3

MAS368 Time Series and Multivariate Analysis - 4 points

MURDOCH: S1-internal, S1-external

MAS374 Statistical Design and Data Analysis - 4 points

MURDOCH: S2-internal, S2-external

ASIAN LANGUAGES

School of Arts**Parent Major:**

Asian Studies

Excluded Majors:

Indonesian; Japanese

Minor Structure - 12 credit points**Core Units - 12 credit points****Indonesian****Part I**

Note: Language units are sequential.

IND101 Indonesian 1 - 3 points

MURDOCH: S1-internal, S1-external

IND102 Indonesian 2 - 3 points

MURDOCH: S2-internal, S2-external

Part II

Note: Language units are sequential.

IND261 Indonesian 2A - 4 points

MURDOCH: S1-internal, S1-external

IND262 Indonesian 2B - 4 points

MURDOCH: S2-internal, S2-external

IND361 Indonesian 3A - 4 points

MURDOCH: S1-internal, S1-external

IND362 Indonesian 3B - 4 points

MURDOCH: S2-internal, S2-external

IND452 Indonesian Language Project - 4 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Japanese**Part I**

Note: Language units are sequential.

JPN101 Japanese 1 - 3 points

MURDOCH: S1-internal

JPN102 Japanese 2 - 3 points

MURDOCH: S2-internal

Part II

Note: Language units are sequential.

JPN204 Japanese IIA - 4 points

MURDOCH: S1-internal

JPN205 Japanese IIB - 4 points

MURDOCH: S2-internal

JPN363 Japanese IIIA - 4 points

MURDOCH: S1-internal

JPN364 Japanese IIIB - 4 points

MURDOCH: S2-internal

ASIAN STUDIES

School of Arts

Parent Major:

Asian Studies

Excluded Majors:

Asian Studies

Minor Structure - 15 credit points

Core Units - 3 credit points

Part I

AST102 Asian Centuries - 3 points
MURDOCH: S1-internal, S1-external

Specified Electives - 12 credit points

Part II

Select from the following:

AST252 Culture and Religion in Asia - 4 points
Not available this year

IND271 Media, Culture and Politics in Indonesia - 4 points
MURDOCH: S2-internal, S2-external

HIS210 Modern Japanese History - 4 points
MURDOCH: S1-internal, S1-external

AST276 People's History of South-East Asia - 4 points
MURDOCH: S2-internal, S2-external

AST250 Society, Culture and Ecology in Asia - 4 points
MURDOCH: S1-internal, S1-external

AST258 Women in Asian Societies - 4 points
MURDOCH: S2-internal, S2-external

BUS272 Changing Economies of Asia - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal

BUS241 Contemporary China - 4 points
MURDOCH: S2-internal, S2-external

HIS226 Soldiers and Civilians: War in the Pacific 1941-1945 - 4 points
Not available this year

POL213 Politics and Security in South-East Asia: Terrorists, Gangsters and the State - 4 points
MURDOCH: S2-internal, S2-external

LAW257 Law in China: Continuity and Change - 4 points
Not available this year

AUSTRALIAN INDIGENOUS STUDIES

School of Arts

Parent Major:

Australian Indigenous Studies

Excluded Majors:

Australian Indigenous Studies

Excluded Minors:

Indigenous Sustainability

Minor Structure - 15 credit points

Core Units - 3 credit points

Part I

AIS180 Introduction to Australian Indigenous Studies - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

OR

AIS110 Introduction to Indigenous Popular Culture - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

Specified Electives - 12 credit points

Part II

Select from the following:

AIS205 Australian Indigenous Politics: Historical Contexts and Contemporary Issues - 4 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

AIS355 Reading Reconciliation - 4 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

AIS233 Our Mob: Working with Indigenous Families - 4 points
MURDOCH: S1-internal, S1-external

AIS240 Indigenous Spirituality - 4 points
MURDOCH: S2-internal, S2-external

AIS266 Bullargar Katitjin - Learning Together - 4 points
MURDOCH: W-internal

AIS301 Country, Nature and Identity: Indigenous Sustainability - 4 points
MURDOCH: S1-internal, S1-external

AIS303 Indigeneity, Critical Theory and Social Justice - 4 points
MURDOCH: S2-internal, S2-external

AIS222 Working with Indigenous Communities: Internship - 4 points
MURDOCH: S1-internal (quota of 10 places), S2-internal (quota of 10 places)

BIOMEDICAL SCIENCE

School of Veterinary and Life Sciences

Parent Major:

Biomedical Science

Excluded Majors:

Biomedical Science

Minor Structure - 18 credit points

Core Units - 18 credit points

Part I

BMS107 Foundations of Vertebrate Form and Function - 3 points
MURDOCH: S2-internal

BIO152 Foundations of Cell and Molecular Biology - 3 points
MURDOCH: S2-internal

Part II

BMS264 Biomedical Physiology - 4 points
MURDOCH: S1-internal

BMS265 Medical Immunology and Molecular Genetics - 4 points
MURDOCH: S2-internal

OR

BIO252 Immunology, Vaccines and Cell Culture - 4 points
MURDOCH: S2-internal

OR

BMS203 Comparative and Human Microbiology - 4 points
MURDOCH: S2-internal

BMS360 Mechanisms of Disease - 4 points
MURDOCH: S1-internal

BUSINESS LAW

School of Law

Parent Major:

Business Law

Excluded Majors:

Business Law

Minor Structure - 15 credit points

Core Units - 15 credit points

BSL165 Foundations of Business Law - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

BSL228 Workplace Law - 4 points
MURDOCH: S2-internal, S2-external
KDUPJ: S2U-internal

BSL209 Marketing and Advertising Law - 4 points
MURDOCH: S1-internal, S1-external
KDUPJ: S1U-internal

BSL328 Company Law - 4 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal
KDUPJ: S2U-internal

COMMUNITY DEVELOPMENT

School of Arts

Parent Major:

Community Development

Excluded Majors:

Community Development

Minor Structure - 14 credit points

Core Units - 14 credit points

Part I - 6 credit points

COD125 Introduction to Community Development - 3 points
MURDOCH: S1-internal, S1-external

SOC134 Introduction to Sociology - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S2-internal

Part II - 8 credit points

Select from the following:

COD235 Community Work across Sites, Settings and Peoples - 4 points
MURDOCH: S2-internal, S2-external

COD334 Creative Ways to Work with Community - 4 points
MURDOCH: S2-internal, S2-external

COD324 Projects in Community Development - 4 points
MURDOCH: S2-internal, S2-external

COD355 Community and Social Policy - 4 points
MURDOCH: S1-internal, S1-external

CONSERVATION BIOLOGY

School of Veterinary and Life Sciences

Parent Major:

Conservation and Wildlife Biology

Excluded Majors:

Conservation and Wildlife Biology

Minor Structure - 15 credit points

Core Units - 15 credit points

Part I

BIO103 Introduction to Environmental Biology - 3 points
MURDOCH: S1-internal, S1-external

Part II

BIO317 Wildlife Biology - 4 points
MURDOCH: S2-internal

BIO368 Conservation Biology - 4 points
MURDOCH: S1-internal

ENV268 Ecology - 4 points
MURDOCH: S2-internal, S2-external

CREATIVE WRITING

School of Arts

Parent Major:

English and Creative Writing

Excluded Majors:

English and Creative Writing

Minor Structure - 15 credit points

Core Units - 3 credit points

Part I

EGL122 Writing and Creativity - 3 points
MURDOCH: S2-internal, S2-external

Specified Electives - 12 credit points

Part II

Select from the following:

EGL260 Project in Creative Writing - 4 points
MURDOCH: S2-internal, S2-external

EGL234 Telling True Stories - 4 points
MURDOCH: S1-internal

MCC353 Writing for the Screen - 4 points
MURDOCH: S2-internal

MCC204 Public Relations: Contemporary Approaches - 4 points
MURDOCH: S2-internal
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

CRIMINOLOGY

School of Law

Parent Major:

Criminology

Excluded Majors:

Criminology

Minor Structure - 15 credit points

Core Units - 15 credit points

Part I - 3 credit points

LEG100 Law, Justice and Social Policy - 3 points
MURDOCH: S2-internal
ROCKINGHAM: S1-internal

OR

LEG150 Introduction to Legal Studies - 3 points
MURDOCH: S1-internal

Part II - 12 credit points

Select from the following:

LEG219 Criminal Law in Western Australia - 4 points
MURDOCH: S1-internal

CRM320 Sentencing and Penology - 4 points
MURDOCH: S1-internal

CRM309 Psychology and Law - 4 points
MURDOCH: S2-internal

CRM205 Criminal Justice - 4 points
MURDOCH: S1-internal

CRM206 Criminology - 4 points
MURDOCH: S2-internal

CRM210 Criminal Behaviour - 4 points
MURDOCH: S1-internal

CRM231 Restorative Justice - 4 points
MURDOCH: S2-internal

CYBER FORENSICS

School of Engineering and Information Technology

Parent Major:

Cyber Forensics and Information Security

Minor Structure - 11 credit points

Core Units - 11 credit points

ICT107 Principles of Information Systems - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

ICT248 Cyber Forensics - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TMA-internal
SGP1: TMB-internal

ICT349 Forensic Data Analysis - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TMA-internal
SGP1: TJB-internal, TMB-internal

DEVELOPMENTAL PSYCHOLOGY

School of Psychology and Exercise Science

Parent Major:

Social and Developmental Psychology

Minor Structure - 15 credit points

Core Units - 15 credit points

Part I - 3 credit points

Select from the following:

PSY101 Introduction to Cultural and Community Psychology - 3 points
MURDOCH: S1-internal

PSY141 Introduction to Psychological Science - 3 points
MURDOCH: S1-internal, S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY173 Introduction to Psychological Research Methods - 3 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

Part II - 12 credit points

PSY247 Psychology: Human Development - 4 points
MURDOCH: S1-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY249 Psychology: The Developing Mind - 4 points
MURDOCH: S2-internal

PSY356 Psychology: Family Relations and Social Development - 4 points
MURDOCH: S1-internal

ECONOMICS

School of Management and Governance

Parent Major:

Economics

Excluded Majors:

Economics

Minor Structure - 15 credit points

Core Units - 15 credit points

Part I - 3 credit points

BUS161 Introduction to Economics - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

OR

BUS171 Foundations of Economics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external,
SUM-internal
ROCKINGHAM: S1-internal

Part II - 12 credit points

Select from the following:

BUS272 Changing Economies of Asia - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal

BUS375 Human Resource Economics - 4 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal

SGP1: TMB-internal

BUS208 Quantitative Methods for Business and Economics - 4 points

MURDOCH: S1-internal, S1-external
DUBAI-ISC: TMD-internal

BUS290 International Financial Markets and Institutions - 4 points

MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

ECOSYSTEM MANAGEMENT

School of Veterinary and Life Sciences

Parent Major:

Environmental Science

Excluded Majors:

Environmental Science

Minor Structure - 18 credit points

Core Units - 18 credit points

Part I

BIO103 Introduction to Environmental Biology - 3 points

MURDOCH: S1-internal, S1-external

ENV102 Foundations of the Environment - 3 points

MURDOCH: S2-internal, S2-external

Part II

ENV268 Ecology - 4 points

MURDOCH: S2-internal, S2-external

ENV319 Environmental Management - 4 points

MURDOCH: S2-internal, S2-external

ENV324 Environmental Restoration - 4 points

MURDOCH: S1-internal, S1-external

OR

ENV311 Managing Wetlands and Water - 4 points

MURDOCH: S2-internal, S2-external

EDUCATION STUDIES

School of Education

Parent Major:

Primary Teaching (Four Years)

Excluded Majors:

Early Childhood and Primary Teaching (Four Years); Primary Teaching (Combination); Primary Teaching (Four Years); Primary, 1-10 Health and Physical Education; Secondary Teaching (Arts Combined Drama); Secondary Teaching (Arts Combined English); Secondary Teaching (Arts Combined History); Secondary Teaching (Arts Combined Languages other than English (Indonesian)); Secondary Teaching (Arts Combined Languages other than English (Japanese)); Secondary Teaching (Combined Science Degrees); Secondary Teaching (Four Years); Secondary Teaching (Science Combined Mathematics); Secondary Teaching (Science Combined Sport and Health Science)

Minor Structure - 16 credit points

Part I - 6 credit points

Core Units - 6 credit points

EDN111 Language for Learning and Teaching - 3 points

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

EDN113 Living and Learning with Technology - 3 points

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

Part II - 10 credit points

Core Units - 10 credit points

EDN300 Learning and Teaching in Educational Communities - 4 points

MURDOCH: ST1-placement, ST2-placement, ST3-placement, ST4-placement

ROCKINGHAM: ST1-placement, ST2-placement, ST3-placement, ST4-placement

EDN331 Schooling and Society - 3 points

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

EDN332 Children, Families and Communities - 3 points

MURDOCH: S2-internal, S2-external

ROCKINGHAM: S2-internal

ENERGY STUDIES

School of Engineering and Information Technology

Parent Major:

Physics and Nanotechnology

Minor Structure - 11 credit points

Core Units - 4 credit points

PEC292 Energy in Society - 4 points

MURDOCH: S1-internal, S1-external, S2-external

Specified Electives - 7 credit points

Select from the following:

PEN190 Introduction to Energy Studies - 3 points

MURDOCH: S2-internal, S2-external

PEC294 Energy Management - 4 points

MURDOCH: S1-internal, S1-external, S2-external

PEC390 Energy Systems - 4 points

MURDOCH: S2-internal, S2-external

PEC391 Energy Policy - 4 points

MURDOCH: S2-internal, S2-external

PEC393 Energy Economics - 4 points

MURDOCH: S1-internal, S1-external

PEC332 Greenhouse Science and Policy - 4 points

MURDOCH: S1-internal, S1-external

PEC287 Renewable Energy and Sustainable Development - 4 points

MURDOCH: S2-internal, S2-external

PEC396 Energy Studies Project - 4 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-external

PEC370 Energy Efficient Buildings - 4 points

MURDOCH: S1-internal, S1-external

PEC311 Greenhouse Accounting and Life Cycle Assessment - 4 points

MURDOCH: S2-internal, S2-external

PEC375 Environmental Building Services - 4 points

MURDOCH: S2-internal, S2-external

ENVIRONMENTAL ISSUES

School of Veterinary and Life Sciences

Parent Major:

Environmental Science

Minor Structure - 15 credit points

Core Units - 15 credit points

Part I - 3 credit points

ENV104 Australian Environmental Issues - 3 points
Not available this year

OR

ENV102 Foundations of the Environment - 3 points
MURDOCH: S2-internal, S2-external

Part II - 12 credit points

Select from the following:

PEC332 Greenhouse Science and Policy - 4 points
MURDOCH: S1-internal, S1-external

ENV212 Global and Regional Sustainability - 4 points
MURDOCH: S2-internal, S2-external

ENV279 Nature-Based Tourism - 4 points
MURDOCH: S1-internal, S1-external

ENV210 Environmental Technology for Sustainability - 4 points
MURDOCH: S2-internal, S2-external

ETHICS

School of Arts

Parent Major:

Philosophy

Excluded Majors:

Philosophy

Minor Structure - 11 credit points

Core Unit - 3 credit points

Select from the following:

PHL130 Introduction to Philosophy - 3 points
MURDOCH: S2-internal, S2-external

PHL131 Critical and Creative Thinking - 3 points
MURDOCH: S1-internal, S1-external

ANS106 Animal and Human Bioethics - 3 points
Not available this year

Specified Electives - 8 credit points

Select from the following:

PHL219 Ethics, Responsibility and Justice - 4 points
MURDOCH: S1-internal, S1-external

PHL272 Ethics in Practice - 4 points
MURDOCH: S2-internal, S2-external

PHL277 Life, Death and Meaning - 4 points
Not available this year

PHL215 Love and Friendship - 4 points
Not available this year

SUS206 Sustainability Ethics - 4 points

MURDOCH: S2-internal, S2-external

MCC245 Media Law and Ethics - 4 points

MURDOCH: S1-internal

DUBAI-ISC: TMD-internal

SGP1: TMB-internal

EVENTS

School of Arts

Parent Major:

Tourism and Events

Excluded Majors:

Tourism and Events; Tourism and Events Management

Excluded Minors:

Applied Events

Minor Structure - 11 credit points

Core Units - 11 credit points

Part I - 3 credit points

TOU101 Introduction to Tourism Systems - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

OR

TOU102 Travel and Tourism in Society - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal
KAPLAN-SGP: TJA-internal, TSA-internal

Part II - 8 credit points

TOU212 Festivals and Events - 4 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal
KAPLAN-SGP: TMA-internal

TOU304 Events, Policy and Evaluation - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal

FISHERIES SCIENCE

School of Veterinary and Life Sciences

Parent Major:

Marine Science

Minor Structure - 18 credit points

Core Units - 14 credit points

Part I

BIO103 Introduction to Environmental Biology - 3 points
MURDOCH: S1-internal, S1-external

MAS183 Statistical Data Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

OR

MAS182 Applied Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Part II

BIO205 Sustainable Management of Fish and Wildlife - 4 points
MURDOCH: S2-internal

ENV203 GIS for Environmental Management and Planning - 4 points
MURDOCH: S2-internal, S2-external

Specified Electives - 4 credit points

Select from the following:

MAS230 Biostatistical Methods - 4 points
MURDOCH: S2-internal, S2-external

MAS208 Mathematical Modelling - 4 points
MURDOCH: S2-internal, S2-external

FORENSIC BIOLOGY

School of Veterinary and Life Sciences

Parent Major:

Forensic Biology and Toxicology

Excluded Majors:

Forensic Biology and Toxicology

Excluded Minors:

Molecular Biology

Minor Prerequisites

Chemistry Background

Students may need to complete one prerequisite unit depending on their background in chemistry and their final scaled score in TEE/WACE Chemistry within the past three years.

TEE or WACE Chemistry with a final scaled score of 60 percent or more

OR

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous chemistry not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Minor Structure - 18 credit points

Core Units - 18 credit points

Part I

BIO152 Foundations of Cell and Molecular Biology - 3 points
MURDOCH: S2-internal

CHE144 Foundations of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Part II

BIO212 Genetic Engineering - 4 points
MURDOCH: S1-internal

BIO313 Forensic DNA Analysis - 4 points
MURDOCH: S1-internal

BIO215 Bodies of Evidence - 4 points
MURDOCH: S1-internal

GENDER STUDIES

School of Arts

Parent Major:

Asian Studies

Minor Structure - 16 credit points

Core Units - 16 credit points

Part II

Select from the following:

EGL298 Representation and Gender - 4 points
MURDOCH: S2-internal, S2-external

AST258 Women in Asian Societies - 4 points
MURDOCH: S2-internal, S2-external

AIS233 Our Mob: Working with Indigenous Families - 4 points
MURDOCH: S1-internal, S1-external

HIS286 Witchcraft: Historical Images of Women - 4 points
MURDOCH: S2-internal, S2-external

POL216 Sex and Gender Matters - 4 points
MURDOCH: S2-internal, S2-external

PHL215 Love and Friendship - 4 points
Not available this year

GLOBAL ENGAGEMENT

School of Arts

Parent Major:

Community Development

Minor Structure - 11 or 12 credit points

Part II - 11 or 12 credit points

Core Unit - 4 credit points

SSH208 Global Engagement - 4 points
MURDOCH: ASP2-internal, H1-internal

Specified Electives - 7 or 8 credit points

Select one Overseas Unit and one Murdoch (includes Peel or Rockingham) campus unit.

Overseas Unit - 3 or 4 credit points

At least 3 points from a Study Abroad enrolment undertaken overseas as part of the exchange program.

Murdoch unit - 4 credit points

Select one Part II Murdoch unit from the list below, subject to satisfying the unit prerequisites. Students can choose an alternate unit provided it has an 'international or cross-cultural focus' and is approved by the Academic Chair of Community Development.

HIS202 Australia and its Asian Context - 4 points
MURDOCH: S2-internal, S2-external

MCC284 Food: Media Culture - 4 points
Not available this year

AST258 Women in Asian Societies - 4 points
MURDOCH: S2-internal, S2-external

COD235 Community Work across Sites, Settings and Peoples - 4 points
MURDOCH: S2-internal, S2-external

MCC386 People and Globalisation - 4 points

MURDOCH: S2-internal, S2-external

HIS210 Modern Japanese History - 4 points
MURDOCH: S1-internal, S1-external

ENV212 Global and Regional Sustainability - 4 points
MURDOCH: S2-internal, S2-external

POL299 International Political Economy - 4 points
MURDOCH: S1-internal, S1-external

HEALTH PSYCHOLOGY

School of Psychology and Exercise Science

Parent Major:

Cognitive Neuroscience and Health Psychology

Minor Structure - 15 credit points

Core Units - 15 credit points

Part I - 3 credit points

Select from the following:

PSY171 Introduction to Applications of Psychology - 3 points
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY141 Introduction to Psychological Science - 3 points
MURDOCH: S1-internal, S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY173 Introduction to Psychological Research Methods - 3 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

Part II - 12 credit points

PSY213 Psychology: Abnormal Behaviour - 4 points
MURDOCH: S1-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY215 Psychology: Drugs and Dependence - 4 points
MURDOCH: S1-internal

PSY358 Psychology: Sensation and Perception - 4 points
MURDOCH: S2-internal

HUMAN ANATOMY

School of Veterinary and Life Sciences

Parent Major:

Biomedical Science

Excluded Majors:

Chiropractic

Minor Structure - 14 credit points

Core Units - 14 credit points

Part I - 6 credit points

BMS101 Introduction to the Human Body - 3 points
MURDOCH: S1-internal

CHI108 Introduction to Human Anatomy - 3 points
MURDOCH: S2-internal

Part II - 8 credit points

Select from the following:

BMS202 Forensic Anatomy and Anthropology - 4 points
MURDOCH: S1-internal

CHI280 Human Anatomy I - 4 points

MURDOCH: S1-internal (quota of 90 places)

CHI282 Human Anatomy II - 4 points
MURDOCH: S2-internal (quota of 100 places)

HUMAN RESOURCES MANAGEMENT

School of Management and Governance

Parent Major:

Human Resources Management

Excluded Majors:

Human Resource Management; Human Resources Management; Management

Minor Structure - 18 credit points

Part I - 6 credit points

Core Units - 3 credit points

BUS145 Principles of Management - 3 points
MURDOCH: SUM-internal
DUBAI-ISC: TMD-internal

Specified Electives - 3 credit points

Select from the following:

BSL165 Foundations of Business Law - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

BUS161 Introduction to Economics - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

Part II - 12 credit points

Core Units - 12 credit points

BUS222 Employment Relations - 4 points
MURDOCH: S1-internal, S1-external

BUS240 Organisation Development and Human Resources Management - 4 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

BUS320 Advanced Human Resource Perspectives - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

INCLUSIVE EDUCATION

School of Education

Parent Major:

Primary Teaching (Four Years)

Minor Structure - 18 credit points

Core Units - 18 credit points

Part II

EDN3342 Inclusive Education - 6 points
MURDOCH: S2-internal, S2-external
In this unit students will complete 5 days of School Experience in addition to those required for the BEd (Primary).

EDN422 Creating Effective Learning Environments - 4 points
MURDOCH: S2-internal, S2-external

ROCKINGHAM: S2-internal

EDN423 Literacies and Numeracy for Inclusive Education - 4 points
Not available this year

OR

EDN301 Children's Literature in the Classroom - 4 points
MURDOCH: S2-external
ROCKINGHAM: S2-internal

EDN470 Action Learning for Reflective Practitioners - 4 points
MURDOCH: Y-external

Students enrolled in the Inclusive Education Minor will enrol in
EDN4300 Professional Internship: Primary Teaching - 6 points and
EDN444 Professional Issues for Teachers - 2 points.

INDIGENOUS SUSTAINABILITY

School of Arts

Parent Major:

Australian Indigenous Studies

Excluded Majors:

Australian Indigenous Studies

Excluded Minors:

Australian Indigenous Studies

Minor Structure - 15 credit points

Core Units - 11 credit points

Part I

AIS180 Introduction to Australian Indigenous Studies - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

Part II

AIS301 Country, Nature and Identity: Indigenous Sustainability - 4 points
MURDOCH: S1-internal, S1-external

AIS205 Australian Indigenous Politics: Historical Contexts and Contemporary Issues - 4 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

Specified Electives - 4 credit points

Part II

Select from the following:

AIS222 Working with Indigenous Communities: Internship - 4 points
MURDOCH: S1-internal (quota of 10 places), S2-internal (quota of 10 places)

AIS266 Bullargar Katitjin - Learning Together - 4 points
MURDOCH: W-internal

SUS302 Resilient Regions: People and Practice - 4 points
MURDOCH: SUM-internal

COD324 Projects in Community Development - 4 points
MURDOCH: S2-internal, S2-external

INFECTION AND IMMUNITY

School of Veterinary and Life Sciences

Parent Major:

Biomedical Science

Excluded Majors:

Biomedical Science

Minor Prerequisites

Chemistry Background

Students may need to complete one prerequisite unit depending on their background in chemistry and their final scaled score in TEE Chemistry within the past three years.

TEE Chemistry with a final scaled score of 60 percent or more

OR

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous chemistry not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Minor Structure - 18 credit points

Core Units - 18 credit points

Part I

BIO152 Foundations of Cell and Molecular Biology - 3 points
MURDOCH: S2-internal

ANS102 Introduction to the Animal Body - 3 points
MURDOCH: S1-internal

OR

BIO103 Introduction to Environmental Biology - 3 points
MURDOCH: S1-internal, S1-external

Part II

BMS364 Parasitology - 4 points
MURDOCH: S2-internal

BMS265 Medical Immunology and Molecular Genetics - 4 points
MURDOCH: S2-internal

OR

BIO252 Immunology, Vaccines and Cell Culture - 4 points
MURDOCH: S2-internal

BMS203 Comparative and Human Microbiology - 4 points
MURDOCH: S2-internal

ISSUES IN GLOBAL DEVELOPMENT

School of Management and Governance

Parent Major:

International Aid and Development

Minor Structure - 15 credit points

Core Units - 7 credit points

SUS100 Introduction to Sustainable Development - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

OR

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COD125 Introduction to Community Development - 3 points
MURDOCH: S1-internal, S1-external

SUS204 Overseas Aid and International Development - 4 points
MURDOCH: S1-internal, S1-external

Specified Electives - 8 credit points

Select from the following:

ENV210 Environmental Technology for Sustainability - 4 points
MURDOCH: S2-internal, S2-external

ENV212 Global and Regional Sustainability - 4 points
MURDOCH: S2-internal, S2-external

AST250 Society, Culture and Ecology in Asia - 4 points
MURDOCH: S1-internal, S1-external

POL216 Sex and Gender Matters - 4 points
MURDOCH: S2-internal, S2-external

POL299 International Political Economy - 4 points
MURDOCH: S1-internal, S1-external

SUS306 Working in Aid and Development - 4 points
MURDOCH: W-internal

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JOURNALISM

School of Arts

Parent Major:

Journalism

Excluded Majors:

Journalism

Minor Structure - 18 credit points

Core Units - 18 credit points

Part I

JOU104 Introduction to Journalism - 3 points
MURDOCH: S2-internal

PHO124 Photography 1 - 3 points
MURDOCH: S1-internal (quota of 120 places), S2-internal (quota of 120 places)
ROCKINGHAM: S1-internal (quota of 15 places)

Part II

MCC240 Politics, Journalism and Society - 4 points
MURDOCH: S2-internal
DUBAI-ISC: TJD-internal, TSD-internal
SGP1: TJB-internal, TSB-internal

MCC245 Media Law and Ethics - 4 points
MURDOCH: S1-internal
DUBAI-ISC: TMD-internal
SGP1: TMB-internal

Plus one of the following:

MCC217 Web News Production - 4 points
MURDOCH: S2-internal
DUBAI-ISC: TJD-internal, TSD-internal
SGP1: TJB-internal, TSB-internal

EGL234 Telling True Stories - 4 points
MURDOCH: S1-internal

MCC267 Photo and Video Journalism - 4 points
MURDOCH: S1-internal (quota of 80 places)
DUBAI-ISC: TJD-internal, TSD-internal
SGP1: TJB-internal, TSB-internal

LEGAL STUDIES

School of Law

Parent Major:

Legal Studies

Excluded Majors:

Legal Studies

Minor Structure - 15 credit points

Core Units - 15 credit points

Part I - 3 credit points

LEG100 Law, Justice and Social Policy - 3 points
MURDOCH: S2-internal
ROCKINGHAM: S1-internal

OR

LEG150 Introduction to Legal Studies - 3 points
MURDOCH: S1-internal

Part II - 12 credit points

Select from the following:

LEG321 Dispute Resolution - 4 points
MURDOCH: SP23-internal

LEG223 Social and Welfare Law - 4 points
MURDOCH: S2-internal

LEG307 Mediation - 4 points
MURDOCH: SP18-internal

LEG308 Negotiation - 4 points
MURDOCH: S2-internal

LEG219 Criminal Law in Western Australia - 4 points
MURDOCH: S1-internal

CRM231 Restorative Justice - 4 points
MURDOCH: S2-internal

LEG236 Celtic Law and Society - 4 points
Not available this year

SOC262 Sociology of Law - 4 points
MURDOCH: S2-internal, S2-external

LITERATURE

School of Arts

Parent Major:

English and Creative Writing

Minor Structure - 15 credit points

Core Units - 3 credit points

Part I

EGL121 Turning Points in Literature - 3 points
MURDOCH: S1-internal, S1-external

Specified Electives - 12 credit points

Part II

Select from the following:

EGL237 Narrative: Fiction and Film - 4 points
MURDOCH: S1-internal, S1-external

EGL354 Literary Theory - 4 points
MURDOCH: S1-internal, S1-external

EGL298 Representation and Gender - 4 points
MURDOCH: S2-internal, S2-external

EGL331 Sonnet to Song: Understanding Poetry - 4 points
MURDOCH: S2-internal, S2-external

EGL308 Shakespeare - 4 points
MURDOCH: S2-internal, S2-external

EGL284 Australian Literature and Film - 4 points
MURDOCH: S2-internal, S2-external

EGL290 Popular Literature and Science Fiction - 4 points
MURDOCH: S2-internal, S2-external

EGL223 World Writing Today - 4 points
Not available this year

EGL224 Literature in an Age of Terror - 4 points
MURDOCH: S2-internal, S2-external

MANAGEMENT

School of Management and Governance

Parent Major:

Management

Excluded Majors:

Management

Minor Structure - 15 credit points

Core Units - 15 credit points

Part I - 3 credit points

BUS145 Principles of Management - 3 points
MURDOCH: SUM-internal
DUBAI-ISC: TMD-internal

Part II - 12 credit points

BUS223 Organisational Theory and Behaviour - 4 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S1U-internal
SGP1: TMB-internal

BUS317 Strategic Management - 4 points
MURDOCH: S2-internal, S2-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

BUS378 Knowledge and Organisational Learning - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S1U-internal
SGP1: TMB-internal

MARINE BIOLOGY

School of Veterinary and Life Sciences

Parent Major:

Marine Science

Minor Structure - 18 credit points

Core Units - 10 credit points

Part I

BIO103 Introduction to Environmental Biology - 3 points
MURDOCH: S1-internal, S1-external

BIO180 Introduction to Marine Biology - 3 points
MURDOCH: S1-internal

Part II

ENV268 Ecology - 4 points
MURDOCH: S2-internal, S2-external

Specified Electives - 8 credit points

Select from the following:

BIO205 Sustainable Management of Fish and Wildlife - 4 points
MURDOCH: S2-internal

BIO384 Marine and Estuarine Biology - 4 points
MURDOCH: S1-internal

BIO383 Tropical Marine Biology - 4 points
MURDOCH: W-internal (quota of 40 places)

MARKETING

School of Management and Governance

Parent Major:

Marketing

Excluded Majors:

Marketing

Minor Structure - 18 credit points

Core Units - 18 credit points

Part I

BUS169 Principles of Marketing - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

MAS180 Introduction to Statistics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KDUPJ: S1U-internal

Part II

BUS273 Consumer Behaviour - 4 points
MURDOCH: S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

BUS235 Marketing Research and Analysis - 4 points
MURDOCH: S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TMB-internal

BUS382 Strategic Marketing - 4 points
MURDOCH: S2-internal
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

MASS COMMUNICATION

School of Arts

Parent Major:

Communication and Media Studies

Excluded Majors:

Communication and Media Studies

Minor Structure - 15 credit points

Core Units - 15 credit points

Part I

MCC108 Introduction to Communication and Media - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

Part II

MCC236 Media Audiences and the Public - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S1U-internal
SGP1: TMB-internal

MCC314 Media and Globalisation - 4 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

MCC315 New Media Technologies - 4 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

MATHEMATICAL MODELLING

School of Engineering and Information Technology

Parent Major:

Mathematics and Statistics

Excluded Majors:

Mathematics and Statistics

Minor Prerequisites

Mathematics Background

Students may need to complete one prerequisite unit depending on their background in mathematics and their final scaled score in either TEE Calculus, or TEE Applicable Mathematics and Year 11 Introduction to Calculus within the past three years.

TEE Applicable Mathematics with a final scaled score of 55 percent or more

and

Year 11 Introduction to Calculus

OR

MAS164 Fundamentals of Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous mathematics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Minor Structure - 11 credit points

Core Units - 11 credit points

Select one unit from each of the following groups:

Group 1

MAS161 Calculus and Matrix Algebra - 3 points
MURDOCH: S2-internal, S2-external

MAS167 Computational Mathematics - 3 points
DUBAI-ISC: TMD-internal

OR

MAS162 Foundations of Discrete Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS182 Applied Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Group 2

MAS208 Mathematical Modelling - 4 points
MURDOCH: S2-internal, S2-external

MAS261 Mathematical Methods - 4 points
MURDOCH: S1-internal, S1-external

MAS278 Probability and Statistical Inference - 4 points
MURDOCH: S1-internal, S1-external

Group 3

MAS305 Environmental and Biological Modelling - 4 points
MURDOCH: S1-internal, S1-external

MAS375 Modelling and Simulation - 4 points
MURDOCH: S2-internal, S2-external

MEDIA STUDIES

School of Arts

Parent Major:

Communication and Media Studies

Excluded Majors:

Communication and Media Studies

Minor Structure - 15 credit points

Core Units - 15 credit points

Part I - 3 credit points

SCR100 Introduction to the Screen - 3 points
MURDOCH: S2-internal, S2-external

Part II - 12 credit points

MCC337 Cultural and Media Policy - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TMA-internal
KDUPJ: S1U-internal
SGP1: TMB-internal

MCC333 Documentary - 4 points
MURDOCH: S1-internal
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

MCC248 Screen Texts - 4 points
MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

MODERN SOCIAL HISTORY

School of Arts

Parent Major:

History

Excluded Majors:

History

Minor Structure - 15 credit points

Core Units - 15 credit points

Part I - 3 credit points

HIS181 Introduction to History - 3 points
MURDOCH: S1-internal, S1-external

OR

HIS182 Making of the Modern World - 3 points
MURDOCH: S2-internal, S2-external

Part II - 12 credit points

Select from the following units in the History major:

HIS286 Witchcraft: Historical Images of Women - 4 points
MURDOCH: S2-internal, S2-external

HIS202 Australia and its Asian Context - 4 points
MURDOCH: S2-internal, S2-external

HIS223 American Indian History - 4 points
MURDOCH: S1-internal, S1-external

HIS210 Modern Japanese History - 4 points
MURDOCH: S1-internal, S1-external

HIS293 Europe Under the Dictators - 4 points
MURDOCH: S1-internal, S1-external

HIS230 Spies, Saboteurs and Secret Agents - 4 points
MURDOCH: S2-internal, S2-external

HIS260 Crime and Punishment Since 1700 - 4 points
MURDOCH: S2-internal, S2-external

HIS285 Approaches to History - 4 points
Not available this year

In addition, Special Topics are available from time to time and may be used as a Core unit. Students should consult the Academic Chair to confirm the offering in any particular year.

Students who have completed other History units at Part II not included in the list above and wanting to add the Minor should seek advice from the Academic Chair on a possible program variation.

MOLECULAR BIOLOGY

School of Veterinary and Life Sciences

Parent Major:

Molecular Biology

Excluded Majors:

Forensic Biology and Toxicology; Molecular Biology

Excluded Minors:

Forensic Biology

Minor Prerequisites

Chemistry Background

Students may need to complete one prerequisite unit depending

on their background in chemistry and their final scaled score in TEE/WACE Chemistry within the past three years.

TEE or WACE Chemistry with a final scaled score of 60 percent or more

OR

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous chemistry not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Minor Structure - 15 credit points

Core Units - 15 credit points

Part I

BIO152 Foundations of Cell and Molecular Biology - 3 points
MURDOCH: S2-internal

Part II

BIO212 Genetic Engineering - 4 points
MURDOCH: S1-internal

BIO313 Forensic DNA Analysis - 4 points
MURDOCH: S1-internal

BIO316 Molecular Genetics - 4 points
MURDOCH: S1-internal

NEUROSCIENCE

School of Psychology and Exercise Science

Parent Major:

Cognitive Neuroscience and Health Psychology

Minor Structure - 12 credit points

Part I - 3 credit points

Core Units - 3 credit points

Select from the following:

PSY141 Introduction to Psychological Science - 3 points
MURDOCH: S1-internal, S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY173 Introduction to Psychological Research Methods - 3 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY101 Introduction to Cultural and Community Psychology - 3 points
MURDOCH: S1-internal

PSY172 Introduction to Psychological Health and Wellbeing - 3 points
MURDOCH: S2-internal
ROCKINGHAM: S2-internal

Part II - 9 credit points

Core Units - 9 credit points

PSY288 Psychology: Abnormal Behaviour - 3 points
Not available this year

PSY251 Psychology: Biological Bases of Behaviour - 3 points
Not available this year

PSY394 Psychology: Cognitive Processes - 3 points
Not available this year

NUTRITIONAL BIOCHEMISTRY

School of Veterinary and Life Sciences

Parent Major:

Biomedical Science

Minor Prerequisites

Chemistry Background

Students may need to complete one prerequisite unit depending on their background in chemistry and their final scaled score in TEE Chemistry within the past three years.

TEE Chemistry with a final scaled score of 60 percent or more

OR

CHE140 Fundamentals of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous chemistry not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Minor Structure - 16 credit points

Core Units - 16 credit points

Part I

CHE144 Foundations of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

BIO152 Foundations of Cell and Molecular Biology - 3 points
MURDOCH: S2-internal

Part II

BMS261 Human and Comparative Biochemistry - 4 points
MURDOCH: S1-internal

OR

BIO270 Biochemistry I - 4 points
MURDOCH: S2-internal

EXS213 Nutrition - 2 points
MURDOCH: S1-internal

BIO371 Biochemistry II - 4 points
MURDOCH: S2-internal

ORGANIC CHEMISTRY

School of Veterinary and Life Sciences

Parent Major:

Chemistry

Excluded Majors:

Chemistry

Minor Structure - 14 credit points

Core Units - 14 credit points

Part I

PEC143 Chemical Laboratory Techniques - 3 points
Students who have not completed this unit must contact their Academic Chair.

CHE144 Foundations of Chemistry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Part II

CHE238 Organic Structures and Reactivity - 4 points
MURDOCH: S1-internal, S1-external

CHE349 Molecular Design - 4 points
MURDOCH: S2-internal, S2-external

ORGANISATIONAL PSYCHOLOGY

School of Psychology and Exercise Science

Parent Major:

Social and Developmental Psychology

Minor Structure - 15 credit points

Core Units - 15 credit points

Part I - 3 credit points

Select from the following:

PSY171 Introduction to Applications of Psychology - 3 points
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY141 Introduction to Psychological Science - 3 points
MURDOCH: S1-internal, S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY173 Introduction to Psychological Research Methods - 3 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

Part II - 12 credit points

PSY248 Psychology: Social Bases of Behaviour - 4 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY217 Psychology: Work and Organisations - 4 points
MURDOCH: S1-internal
KAPLAN-SGP: TMA-internal

PSY357 Psychology: Safety, Errors and Accidents - 4 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TSA-internal

PHILOSOPHY

School of Arts

Parent Major:

Philosophy

Excluded Majors:

Philosophy

Minor Structure - 15 credit points

Core Units - 3 credit points

Part I

PHL130 Introduction to Philosophy - 3 points
MURDOCH: S2-internal, S2-external

OR

PHL131 Critical and Creative Thinking - 3 points
MURDOCH: S1-internal, S1-external

Specified Electives - 12 credit points

Part II

Select from the following:

PHL201 Existence and Freedom - 4 points
MURDOCH: S2-internal, S2-external

PHL277 Life, Death and Meaning - 4 points
Not available this year

PHL215 Love and Friendship - 4 points
Not available this year

PHL217 Meaning and Interpretation - 4 points
MURDOCH: S2-internal, S2-external

PHL218 Critical Metaphysics - 4 points
MURDOCH: S1-internal, S1-external

PHL230 Theories of Mind - 4 points
Not available this year

PHL216 Ancient Greek Ideas - 4 points
Not available this year

PHL214 Film and Philosophy - 4 points
MURDOCH: S2-internal, S2-external

PHOTOGRAPHY

School of Arts

Parent Major:

Screen Production

Excluded Majors:

Photography

Minor Structure - 14 credit points

Core Units - 14 credit points

IDD118 Visual Communication - 3 points
MURDOCH: S2-internal

PHO124 Photography 1 - 3 points
MURDOCH: S1-internal (quota of 120 places), S2-internal (quota of 120 places)
ROCKINGHAM: S1-internal (quota of 15 places)

MCC267 Photo and Video Journalism - 4 points
MURDOCH: S1-internal (quota of 80 places)
DUBAI-ISC: TJD-internal, TSD-internal
SGP1: TJB-internal, TSB-internal

MCC312 Media Projects - 4 points
MURDOCH: S1-internal, S2-internal
DUBAI-ISC: TMD-internal

PHYSICS

School of Engineering and Information Technology

Parent Major:

Physics and Nanotechnology

Excluded Majors:

Physics and Nanotechnology

Minor Prerequisites

Physics Background

Students may need to complete one prerequisite unit depending on their background in physics and their final scaled score in TEE Physics within the past three years.

Students must achieve a C grade in Physics 3A/3B

OR

TEE physics with a final scaled score of 60% or more

OR

Pass
PEN120 General Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous physics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Mathematics Background

Students may need to complete up to two prerequisite units depending on their background in mathematics and a C grade in Mathematics Specialist units 3C/3D or the equivalent Applicable Mathematics and Calculus within the past three years.

Students must achieve a C grade in Mathematics Specialist 3C/3D

OR

TEE Calculus with a final scaled score of 55% or more

OR

Pass Mathematics 3A, 3B, 3C, 3D

AND

Pass
MAS182 Applied Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

OR

Pass
MAS164 Fundamentals of Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

AND

Pass
MAS182 Applied Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous mathematics not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Minor Structure - 14 credit points

Core Units - 14 credit points

Part I

MAS161 Calculus and Matrix Algebra - 3 points
MURDOCH: S2-internal, S2-external

(Students who have not completed TEE Calculus will need to undertake MAS182 Applied Mathematics - 3 points [MURDOCH: S1-internal, S1-external, S2-internal, S2-external] prior to completing this unit.)

PEN152 Principles of Physics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

(Students who have not completed physics at TEE level will be required to undertake PEN120 General Physics - 3 points [MURDOCH: S1-internal, S1-external, S2-internal, S2-external] prior to completing this unit.)

Part II

PEC231 Modern Physics - 4 points
MURDOCH: S1-internal, S1-external

Plus one unit from the following:

PEC302 Thermodynamics for Physics and Nanotechnology - 4

points

MURDOCH: S1-internal, S1-external

PEC317 Physics of Materials - 4 points

MURDOCH: S2-internal, S2-external

POLITICS

*School of Management and Governance***Parent Major:**

Politics and International Studies

Excluded Majors:

Politics and International Studies

Minor Structure - 15 credit points**Core Units - 15 credit points****Part I - 3 credit points**

POL133 Introduction to Politics - 3 points

MURDOCH: S2-internal, S2-external

Part II - 12 credit points

Select from the following:

POL330 Public Policy Analysis - 4 points

MURDOCH: S2-internal, S2-external

KAPLAN-SGP: TMA-internal

POL260 States and Nationalisms - 4 points

MURDOCH: S2-internal, S2-external

POL285 Environmental Politics - 4 points

Not available this year

POL223 Political Philosophy for Fun and Profit - 4 points

MURDOCH: S1-internal, S1-external

POL250 Government Agencies in a Changing World - 4 points

MURDOCH: S1-internal, S1-external

POLLUTION SCIENCE

*School of Veterinary and Life Sciences***Parent Major:**

Environmental Science

Minor Prerequisites**Chemistry Background**

Students may need to complete one prerequisite unit depending on their background in chemistry and their final scaled score in WACE Chemistry 3A/3B or TEE Chemistry within the past three years.

TEE Chemistry or WACE Chemistry 3A/3B with a final scaled score of 60 percent or more

OR

CHE140 Fundamentals of Chemistry - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students who have completed previous chemistry not stated above should consult the Academic Chair for clarification of their enrolment requirements.

Minor Structure - 18 credit points**Core Units - 18 credit points****Part I - 6 credit points**

ENV102 Foundations of the Environment - 3 points

MURDOCH: S2-internal, S2-external

CHE144 Foundations of Chemistry - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Part II - 12 credit points

Select from the following:

ENV213 Atmospheric Science - 4 points

MURDOCH: S1-internal, S1-external

PEC332 Greenhouse Science and Policy - 4 points

MURDOCH: S1-internal, S1-external

ENV279 Nature-Based Tourism - 4 points

MURDOCH: S1-internal, S1-external

ENV211 Pollution and its Control - 4 points

MURDOCH: S1-internal, S1-external

PUBLIC POLICY AND MANAGEMENT

*School of Management and Governance***Parent Major:**

Politics and International Studies

Excluded Majors:

Economics

Minor Structure - 15 credit points**Core Units - 15 credit points****Part I - 3 credit points**

BUS161 Introduction to Economics - 3 points

DUBAI-ISC: TJD-internal, TSD-internal

Part II - 12 credit points

POL250 Government Agencies in a Changing World - 4 points

MURDOCH: S1-internal, S1-external

POL330 Public Policy Analysis - 4 points

MURDOCH: S2-internal, S2-external

KAPLAN-SGP: TMA-internal

BUS375 Human Resource Economics - 4 points

MURDOCH: S2-internal, S2-external

KAPLAN-SGP: TMA-internal

KDUPJ: S2U-internal

SGP1: TMB-internal

PUBLIC RELATIONS

*School of Arts***Parent Major:**

Public Relations

Excluded Majors:

Public Relations

Minor Structure - 15 credit points**Core Units - 15 credit points****Part I**

PRO107 Introduction to Public Relations - 3 points

MURDOCH: S1-internal, S1-external

Part II

Select three units from the following:

MCC204 Public Relations: Contemporary Approaches - 4 points
MURDOCH: S2-internal
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

MCC259 Media Relations - 4 points
MURDOCH: S1-internal
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S1U-internal
SGP1: TMB-internal

MCC385 Public Relations in Society - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

MCC345 Issues and Crisis Management - 4 points
MURDOCH: S1-internal
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

OR

MCC307 Campaign Management - 4 points
MURDOCH: S2-internal
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

RADIO

School of Arts

Parent Major:

Journalism

Excluded Majors:

Radio

Minor Structure - 18 credit points

Core Units - 10 credit points

Part I

JOU104 Introduction to Journalism - 3 points
MURDOCH: S2-internal

RAD105 Introduction to Radio - 3 points
MURDOCH: S2-internal (quota of 80 places)

Part II

MCC244 Radio Presenting and Producing - 4 points
MURDOCH: S1-internal (quota of 30 places)

Specified Electives - 8 credit points

Part II

Select from the following:

MCC214 Sound Production - 4 points
MURDOCH: S2-internal (quota of 60 places)

MCC245 Media Law and Ethics - 4 points
MURDOCH: S1-internal
DUBAI-ISC: TMD-internal

SGP1: TMB-internal

MCC316 Communication Projects - 4 points
MURDOCH: S1-internal, S2-internal

SCREEN PRODUCTION

School of Arts

Parent Major:

Screen Production

Minor Structure - 18 credit points

Core Units - 18 credit points

SCR101 Screen Production 1 - 3 points
MURDOCH: S1-internal (quota of 102 places), S2-internal (quota of 102 places)

PHO124 Photography 1 - 3 points
MURDOCH: S1-internal (quota of 120 places), S2-internal (quota of 120 places)
ROCKINGHAM: S1-internal (quota of 15 places)

MCC340 Digital Video - 4 points
MURDOCH: S2-internal (quota of 60 places)

MCC226 Screen Production 2 - 4 points
MURDOCH: S1-internal (quota of 80 places)
DUBAI-ISC: TJD-internal, TSD-internal

MCC201 Professional Development in Screen Production - 4 points
MURDOCH: S2-internal (quota of 80 places)
DUBAI-ISC: TMD-internal

SECURITY, TERRORISM AND COUNTERTERRORISM

School of Management and Governance

Parent Major:

Security, Terrorism and Counterterrorism Studies

Excluded Majors:

Security, Terrorism and Counterterrorism Studies

Minor Structure - 15 credit points

Core Units - 15 credit points

POL192 Perspectives on Security and Terrorism - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S2-internal

POL291 International Security Studies - 4 points
MURDOCH: S2-internal, S2-external

POL293 Terrorism in a Globalised World - 4 points
MURDOCH: S1-internal, S1-external

POL211 US Policies and Global Security - 4 points
MURDOCH: S1-internal, S1-external

SOCIAL AND DEVELOPMENTAL PSYCHOLOGY

School of Psychology and Exercise Science

Parent Major:

Social and Developmental Psychology

Minor Structure - 12 credit points

Part I - 3 credit points

Core Units - 3 credit points

Select from the following:

PSY141 Introduction to Psychological Science - 3 points
MURDOCH: S1-internal, S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY173 Introduction to Psychological Research Methods - 3 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY101 Introduction to Cultural and Community Psychology - 3 points
MURDOCH: S1-internal

PSY172 Introduction to Psychological Health and Wellbeing - 3 points
MURDOCH: S2-internal
ROCKINGHAM: S2-internal

Part II - 9 credit points

Core Units - 9 credit points

PSY286 Psychology: Human Development - 3 points
Not available this year

OR

PSY285 Psychology: Social Bases of Behaviour - 3 points
Not available this year

PSY287 Psychology: Self and Society - 3 points
Not available this year

PSY393 Psychology: The Developing Mind - 3 points
Not available this year

SOCIAL PSYCHOLOGY

School of Psychology and Exercise Science

Parent Major:

Social and Developmental Psychology

Minor Structure - 15 credit points

Core Units - 15 credit points

Part I - 3 credit points

Select from the following:

PSY171 Introduction to Applications of Psychology - 3 points
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY141 Introduction to Psychological Science - 3 points
MURDOCH: S1-internal, S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY173 Introduction to Psychological Research Methods - 3 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

Part II - 12 credit points

PSY248 Psychology: Social Bases of Behaviour - 4 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY218 Psychology: Self and Society - 4 points
MURDOCH: S1-internal

PSY246 Psychology: Culture and Community - 4 points
Not available this year

SOCIOLOGY

School of Arts

Parent Major:

Sociology

Excluded Majors:

Sociology

Minor Structure - 14 credit points

Core Units - 6 credit points

Part I

SOC134 Introduction to Sociology - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S2-internal

COD125 Introduction to Community Development - 3 points
MURDOCH: S1-internal, S1-external

Specified Electives - 8 credit points

Part II

Select from the units listed below.

SOC296 Power, Security and Modern Life - 4 points
MURDOCH: S2-internal, S2-external

SOC222 Social Research Methods - 4 points
MURDOCH: S1-internal, S1-external

SOC213 Health and Society - 4 points
MURDOCH: S1-internal, S1-external

SOC262 Sociology of Law - 4 points
MURDOCH: S2-internal, S2-external

SOC230 Australian Youth Culture - 4 points
MURDOCH: S2-internal, S2-external

In addition Special Topics are available from time to time and may be used as a specified elective unit in this Minor. Students should consult the Academic Chair to confirm the offering in any particular year.

SOFTWARE DEVELOPMENT

School of Engineering and Information Technology

Parent Major:

Computer Science

Minor Structure - 18 credit points

Core Units - 18 credit points

Part I

ICT102 Introduction to Computer Science - 3 points
DUBAI-ISC: TJD-internal, TSD-internal

ICT104 Principles of Computer Science - 3 points
DUBAI-ISC: TJD-internal, TMD-internal

Part II

ICT239 Software Development Frameworks - 4 points
MURDOCH: S1-internal, S1-external

ICT306 Software Architectures - 4 points
MURDOCH: S1-internal, S1-external
DUBAI-ISC: TJD-internal, TMD-internal
KAPLAN-SGP: TMA-internal

ICT219 Intelligent Systems - 4 points
MURDOCH: S2-internal, S2-external

SOUND

School of Arts

Parent Major:

Sound

Excluded Majors:

Sound

Minor Structure - 18 credit points

Core Units - 6 credit points

RAD105 Introduction to Radio - 3 points
MURDOCH: S2-internal (quota of 80 places)

SOU169 Introduction to Sound Studies - 3 points
MURDOCH: S1-internal

Specified Electives - 12 credit points

Select from the following:

MCC214 Sound Production - 4 points
MURDOCH: S2-internal (quota of 60 places)

MCC268 Music Technology - 4 points
MURDOCH: S1-internal (quota of 60 places)

MCC274 Popular Music - 4 points
MURDOCH: S2-internal

MCC377 Soundtrack - 4 points
MURDOCH: S2-internal

SPORT PSYCHOLOGY

School of Psychology and Exercise Science

Parent Major:

Social and Developmental Psychology

Minor Structure - 12 credit points

Part I - 3 credit points

Core Units - 3 credit points

Select from the following:

PSY141 Introduction to Psychological Science - 3 points
MURDOCH: S1-internal, S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY173 Introduction to Psychological Research Methods - 3 points
MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

PSY101 Introduction to Cultural and Community Psychology - 3 points
MURDOCH: S1-internal

PSY172 Introduction to Psychological Health and Wellbeing - 3

points
MURDOCH: S2-internal
ROCKINGHAM: S2-internal

Part II - 9 credit points

Core Units - 9 credit points

PSY285 Psychology: Social Bases of Behaviour - 3 points
Not available this year

EXS201 Sports Psychology - 3 points
Not available this year

EXS301 Advanced Sports Psychology - 3 points
Not available this year

SUSTAINABLE DEVELOPMENT

School of Management and Governance

Parent Major:

Sustainable Development

Excluded Majors:

Sustainable Development

Minor Structure - 15 credit points

Core Units - 3 credit points

SUS100 Introduction to Sustainable Development - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Specified Electives - 12 credit points

Select from the following:

SUS201 Sustainability, Ecology and Communities - 4 points
MURDOCH: S1-internal, S1-external

ENV212 Global and Regional Sustainability - 4 points
MURDOCH: S2-internal, S2-external

SUS300 Cities and Sustainability - 4 points
MURDOCH: S1-internal, S1-external

SUS330 Cities and Innovation - 4 points
MURDOCH: S2-internal, S2-external

SUS206 Sustainability Ethics - 4 points
MURDOCH: S2-internal, S2-external

THEATRE AND DRAMA STUDIES

School of Arts

Parent Major:

Theatre and Drama

Excluded Majors:

Theatre and Drama

Minor Structure - 15 credit points

Core Units - 3 credit points

Part I

EGL106 Drama, Theatre and Performance - 3 points
MURDOCH: S2-internal

Specified Electives - 12 credit points

Part II

Select from the following:

EGL226 Acting and Production I - 4 points



MURDOCH: S1-internal

EGL225 Performance and Creative Arts - 4 points
MURDOCH: S2-internal

EGL329 Acting and Production II - 4 points
MURDOCH: S2-internal

EGL213 Children's Theatre - 4 points
MURDOCH: S1-internal

TOURISM

School of Arts

Parent Major:

Tourism and Events

Minor Structure - 11 credit points

Core Units - 7 credit points

TOU101 Introduction to Tourism Systems - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

OR

TOU102 Travel and Tourism in Society - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal
KAPLAN-SGP: TJA-internal, TSA-internal

TOU201 Sustainable Tourism - 4 points
MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

Specified Electives - 4 credit points

Select from the following:

TOU210 Cultural Tourism Interpretation - 4 points
Not available this year

TOU211 Indigenous Tourism Issues - 4 points
MURDOCH: S2-internal, S2-external

TOU302 Tourism Project - 4 points
MURDOCH: S2-internal, S2-external

Graduate Courses

Cancellation of Courses, Majors, Minors and Units

The University reserves the right to cancel, without notice, any course, major, minor or unit if the number of students enrolled falls below limits set by the University or in other unforeseen circumstances.

Group	Course	Offerings
Graduate Coursework Degrees and Professional Doctorates		
Accounting	Graduate Diploma in Professional Accounting (GradDipProfAcc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Master of Professional Accounting (MPA)	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Master of Professional Accounting (Offshore) (MPA)	<ul style="list-style-type: none"> • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
Asian Studies	Graduate Certificate in Asian Studies (GradCertAsianSt)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) • This course is not normally available to international students studying in Australia on a student visa, due to visa regulations. However, exceptions can be made, conditional on undertaking certain units: contact The Student Centre for details. It is available to international students on other visas if visa conditions allow.
	Graduate Diploma in Asian Studies (GradDipAsianSt)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Master of Asian Studies (MAsianSt)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Business Administration	Graduate Certificate in Business Administration (GradCertBusAdmin)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Graduate Certificate in Business Administration (MasterClass) (GradCertBusAdmin)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Only available to international students who are studying concurrently in a Bachelor's degree on a full-time load.
	Graduate Diploma in Business Administration (GradDipBusAdmin)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Master of Business Administration (MBA)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Master of Business Administration (Offshore) (MBA)	<ul style="list-style-type: none"> • SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English) • Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)
Chinese Law	Graduate Certificate in Chinese Law (GradCertChinLaw)	<ul style="list-style-type: none"> • City University of Hong Kong (Hong Kong) ['CITYUHK'] (internal) (by formal agreement) (language of instruction: English)
Communication and Media Studies	Master of Communication Management (MCommM)	<ul style="list-style-type: none"> • Murdoch campus (internal)
Community Development	Graduate Certificate in Community Development (GradCertCommDev)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) • This course is not available to international students studying in Australia on a student visa; it is available to international students on other visas if visa conditions allow.

Group	Course	Offerings
	Graduate Diploma in Community Development (GradDipCommDev)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Master of Community Development (MCommDev)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Counselling	Graduate Certificate in Counselling (GradCertCounsel)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Peel campus (internal)
	Graduate Diploma in Counselling (GradDipCounsel)	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Master of Counselling (MCounsel)	<ul style="list-style-type: none"> • Murdoch campus (internal)
Development Studies	Graduate Certificate in Development Studies (GradCertDS)	<ul style="list-style-type: none"> • Murdoch campus (internal) • International students must commence in Semester 1 only.
	Master of Development Studies (MDS)	<ul style="list-style-type: none"> • Murdoch campus (internal)
Early Childhood Education	Graduate Certificate in Early Childhood Care and Education (GradCertEarlyChildCare&Ed)	<ul style="list-style-type: none"> • Murdoch campus (internal) • This course is not available to international students studying in Australia on a student visa; it is available to international students on other visas if visa conditions allow.
	Graduate Certificate in Early Childhood Education (GradCertEarlyChildEd)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) (except for school experiences) • Some units only: Rockingham campus (internal)
	Graduate Diploma in Early Childhood Care and Education (GradDipEarlyChildCare&Ed)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) • This course is not available to international students studying in Australia on a student visa; it is available to international students on other visas if visa conditions allow.
Education	Graduate Certificate in International Education in Schools (GradCertIntEd)	<ul style="list-style-type: none"> • Some units only: Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Graduate Diploma in Education (Primary) (GradDipEd)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) (except for one school experience and a one week intensive for EDN227)
	Graduate Diploma in Education (Secondary) (GradDipEd)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) (except for one school experience and depending on teaching area selected)
	Master of Education (Coursework) (MEd)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Master of Education (Coursework) (Offshore) (MEd)	<ul style="list-style-type: none"> • Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)
Energy and the Environment	Graduate Diploma in Energy and the Environment (GradDipEnEnv)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Energy Studies	Graduate Certificate in Energy Studies (GradCertEnSt)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) • International Online (Australia) ['INT-ONLINE'] (external) (International offshore students only)
	Graduate Diploma in Energy Studies (GradDipEnSt)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) • International Online (Australia) ['INT-ONLINE'] (external) (International offshore students only)

Group	Course	Offerings
	Master of Renewable Energy	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (external) (by formal agreement) (language of instruction: English) • International Online (Australia) ['INT-ONLINE'] (external) (International offshore students only)
Engineering	Master of Engineering (ME)	<ul style="list-style-type: none"> • Murdoch campus (internal)
Environmental Assessment and Management	Graduate Certificate in Environmental Assessment and Management (GradCertEnvAsstMan)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) • International students must commence in Semester 1 only.
Environmental Science	Graduate Certificate in Environmental Science (GradCertEnvSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) (some attendance is required in individual units) • International students must commence in Semester 2 only.
	Graduate Diploma in Environmental Science (GradDipEnv)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Master of Environmental Science (MEnvSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Extractive Metallurgy	Graduate Diploma in Extractive Metallurgy (GradDipExtMet)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Gifted and Talented Education	Graduate Certificate in Gifted and Talented Education (GradCertGiftTalEd)	<ul style="list-style-type: none"> • Some units only: Murdoch campus (internal) • Some units only: Murdoch campus (external)
Health	Graduate Certificate in Health Care Management (GradCertHCM)	<ul style="list-style-type: none"> • Murdoch campus (external)
	Master of Health Care Management (MHCM)	<ul style="list-style-type: none"> • Murdoch campus (external) • Some units only: Murdoch campus (internal)
Human Resource Management	Graduate Certificate in Human Resources Management	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) • International students must commence in Semester 1 only.
	Graduate Diploma in Human Resources Management	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Master of Human Resource Management (Offshore) (MHRM)	<ul style="list-style-type: none"> • Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English) • Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)
	Master of Human Resources Management	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Inclusive Education	Graduate Certificate in Inclusive Education (GradCertInclusiveEd)	<ul style="list-style-type: none"> • Murdoch campus (external) (except for school experiences) • Some units only: Murdoch campus (internal) (all but one unit)
Information Technology	Graduate Certificate in Information Technology (GradCertIT)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
	Graduate Diploma in Information Technology Management	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Graduate Diploma in Internetworking and Security (GradDipIntwkSecur)	<ul style="list-style-type: none"> • Murdoch campus (internal)
	Master of Information Technology	<ul style="list-style-type: none"> • Murdoch campus (internal)
International Affairs	Master of International Affairs (MIA)	<ul style="list-style-type: none"> • Murdoch campus (internal)
Mathematics Teaching	Graduate Certificate in Mathematics Teaching (GradCertMathTeach)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)

Group	Course	Offerings
Media Production	Graduate Certificate in Media Production (GradCertMedProd)	• Murdoch campus (internal)
	Graduate Diploma in Media Production (GradDipMedProd)	• Murdoch campus (internal)
Migration Law	Graduate Certificate in Australian Migration Law and Practice (GradCertAusMigLaw)	• Murdoch campus (internal)
Nursing	Graduate Certificate in Community Neurological Nursing (GradCertCommNeurNursing)	• Not currently available to new admissions • This course is not available to international students studying in Australia on a student visa; it is available to international students on other visas if visa conditions allow.
Organisational Human Resources and Safety	Graduate Certificate in Human Resources and Safety	• Murdoch campus (internal) • This course is not available to international students studying in Australia on a student visa; it is available to international students on other visas if visa conditions allow.
Plant Biosecurity	Graduate Certificate in Plant Biosecurity (GradCertPlantBiosec)	• Murdoch campus (external) • International students must commence in Semester 1 only.
	Graduate Diploma in Plant Biosecurity (GradDipPlantBiosec)	• Murdoch campus (external)
	Master of Plant Biosecurity (MPlantBiosec)	• Murdoch campus (external)
Psychology	Graduate Diploma in Consultancy Psychology (GradDipConsultPsych)	• Murdoch campus (internal)
	Graduate Diploma in Psychology (GradDipPsych)	• Murdoch campus (internal)
	Master of Applied Psychology (Clinical Psychology) (MAppPsych)	• Murdoch campus (internal)
	Master of Applied Psychology (Organisational Psychology) (MAppPsych)	• Murdoch campus (internal)
	Master of Applied Psychology + Doctor of Philosophy (MAppPsych+PhD)	• Murdoch campus (internal)
	Doctor of Psychology (Clinical Psychology) (DPsych)	• Murdoch campus (internal)
	Doctor of Psychology (Organisational Psychology) (DPsych)	• Murdoch campus (internal)
Public Policy and Management	Graduate Certificate in Public Policy and Management (GradCertPPM)	• Murdoch campus (internal) • International students must commence in Semester 1 only.
	Master of Public Policy and Management (MPPM)	• Murdoch campus (internal)
Sustainability	Graduate Certificate in Sustainable Development (GradCertSustDev)	• Murdoch campus (internal) • Murdoch campus (external) • International students must commence in Semester 1 only.
	Graduate Diploma in Sustainable Development (GradDipSustDev)	• Murdoch campus (internal) • Murdoch campus (external)
	Master of Sustainable Development (MSustDev)	• Murdoch campus (internal) • Murdoch campus (external)
Tertiary and Adult Education	Graduate Certificate in Tertiary and Adult Education (GradCertTerAdEd)	• Murdoch campus (internal) • Murdoch campus (external)
	Graduate Diploma in Education (Tertiary and Adult) (GradDipEd)	• Murdoch campus (external) • Some units only: Murdoch campus (internal) (all but one unit)
Theology	Graduate Certificate in Theology (GradCertTheol)	• Murdoch campus (internal) • Murdoch campus (external)
	Graduate Diploma in Chaplaincy (GradDipChap)	• Murdoch campus (internal) • Murdoch campus (external)

Group	Course	Offerings
	Graduate Diploma in Theology (GradDipTheol)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Master of Divinity (MDiv)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
Veterinary Science	Graduate Certificate in Veterinary Studies in Small Animal Practice (GradCertVS)	<ul style="list-style-type: none"> • Murdoch campus (external) • This course is not available on campus and so is not available to international students studying in Australia on a student visa; however, postgraduate students who have successfully completed the Postgraduate Certificate in Small Animal Practice (International) (C1087) are eligible to apply for external study only.
	Graduate Certificate in Veterinary Studies in Small Animal Practice (International) (GradCertVS(Int))	<ul style="list-style-type: none"> • Not currently available to new admissions • This external course is only available online.
	Master of Veterinary Clinical Studies (MVetClinStud)	<ul style="list-style-type: none"> • Murdoch campus (internal) • This course is not available to International students.
	Master of Veterinary Studies (Conservation Medicine) (MVS)	<ul style="list-style-type: none"> • Murdoch campus (internal) (subject to approval of Academic Chair)
	Master of Veterinary Studies (Small Animal Practice) (MVS)	<ul style="list-style-type: none"> • Murdoch campus (external) • This course is not available on campus and so is not available to international students studying in Australia on a student visa; however, postgraduate students who have successfully completed the Postgraduate Certificate in Small Animal Practice (International) (C1087) are eligible to apply for external study only.
	Master of Veterinary Studies (Veterinary Surveillance) (MVS)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)

Group	Course	Offerings
Graduate Research Degrees		
Business Administration	Master of Business (Research) (MBus)	<ul style="list-style-type: none"> • Not currently available to new admissions
Education	Master of Education (Research) (MEd)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)
	Doctor of Education (EdD)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external) (all but one unit)
Information Technology	Doctor of Information Technology (DIT)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Some units only: Murdoch campus (external)
Law	Master of Laws by Research (LLM)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) (subject to approval on a case-by-case basis)
Psychology	Master of Applied Psychology + Doctor of Philosophy (MAppPsych+PhD)	<ul style="list-style-type: none"> • Murdoch campus (internal)
Research Degrees--General	Master of Philosophy (MPhil)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) • Peel campus (internal) • Peel campus (external) • Rockingham campus (internal) • Rockingham campus (external)
	Research Masters (with Training)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) • Peel campus (internal) • Peel campus (external) • Rockingham campus (internal) • Rockingham campus (external)

Group	Course	Offerings
	Doctor of Philosophy (PhD)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) • Peel campus (internal) • Peel campus (external) • Rockingham campus (internal) • Rockingham campus (external)
Veterinary Science	Doctor of Veterinary Medical Science (DVetMedSc)	<ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external)

ACCOUNTING

GRADUATE DIPLOMA IN PROFESSIONAL ACCOUNTING (GRADDIPPROFACC)

School of Management and Governance

Graduate Diploma in Professional Accounting (GradDipProfAcc)

Course Codes: G1054

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

The Graduate Diploma in Professional Accounting provides an opportunity for successful graduates to gain employment in the business field specialising in Accounting.

Students will study eight core Graduate units over a period of one year full-time or equivalent in part-time study. It is a platform for those students wishing to develop a professional career that is both well-paid and provides both national and international working opportunities.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher, or equivalent training, or satisfactory preparation for the course through previous study or professional experience.

English Competence:

English competence.

Professional Recognition:

This course should provide associate membership status with the two major Professional Accounting bodies (CPA, ICA).

Course Structure - 24 credit points

Core Units - 24 credit points

MBS539 Accounting for Managers - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS645 Business Finance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS538 Organisational Behaviour and Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS544 Accounting Processes - 3 points
MURDOCH: S1-internal, S2-internal

MBL502 Law for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS686 Economics and Business Strategy - 3 points
MURDOCH: S2-internal, S2-external

MBS669 Management Accounting - 3 points
MURDOCH: S1-internal

MBS659 Quantitative Research for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MASTER OF PROFESSIONAL ACCOUNTING (MPA)

School of Management and Governance

Master of Professional Accounting (MPA)

Course Codes: M1211

Duration: 2 years full-time (over 4 semesters) or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

Accounting is an integral part of the management and governance of any enterprise. It acts as a decision-making aid by providing the information necessary for planning, control and performance evaluation. The stakeholders of an entity rely on the accounting information to assist in a variety of decisions including the acquisition or sale of shares, lending of funds and the provision of services or goods.

This course is aimed at students from any discipline seeking to acquire an accredited accounting qualification.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher, or equivalent training, or professional training. Students who have completed a degree with an accounting major from an Australian university will not be considered for admission.

English Competence:

English competence.

Professional Recognition:

CPA Australia, Institute of Chartered Accountants in Australia (ICAA) and Institute of Public Accountants (IPA).

Course Structure - 48 credit points

Core Units - 45 credit points

MBS538 Organisational Behaviour and Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS539 Accounting for Managers - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBL502 Law for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS645 Business Finance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS544 Accounting Processes - 3 points
MURDOCH: S1-internal, S2-internal

MBS678 Corporate Accounting - 3 points
MURDOCH: S2-internal

MBL509 Corporations and Securities Law - 3 points
MURDOCH: S1-internal

MBS614 Taxation - 3 points
MURDOCH: S2-internal

MBS669 Management Accounting - 3 points
MURDOCH: S1-internal

MBS679 Accounting Theory and Governance - 3 points
MURDOCH: S2-internal

MBS680 Auditing - 3 points
MURDOCH: S1-internal

MBS686 Economics and Business Strategy - 3 points
MURDOCH: S2-internal, S2-external

MBS649 Research Project - 6 points
MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external

MBS620 Research Preparation for Business - 3 points
MURDOCH: S1-internal, S2-internal

Specified Electives - 3 credit points

Select from the following:

MBS659 Quantitative Research for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS619 Qualitative Organisational Research - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MASTER OF PROFESSIONAL ACCOUNTING (OFFSHORE) (MPA)

School of Management and Governance

Master of Professional Accounting (MPA)

Course Codes: M1146

Duration: 2 years full-time (over 4 semesters) or part-time equivalent

Availability:

- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)

Restriction: All graduate courses are subject to restriction.

Accounting is an integral part of the management and governance of any enterprise. It acts as a decision-making aid by providing the information necessary for planning, control and performance evaluation. The stakeholders of an entity rely on the accounting information to assist in a variety of decisions including the acquisition or sale of shares, lending of funds and the provision of services or goods.

This course is aimed at students from any discipline seeking to acquire an accredited accounting qualification.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher, or equivalent training, or professional training. Students who have completed a degree with an accounting major from an Australian university will not be considered for admission.

English Competence:

English competence.

Professional Recognition:

CPA Australia, Institute of Chartered Accountants in Australia (ICAA) and Institute of Public Accountants (IPA).

Course Structure - 48 credit points

Core Units - 48 credit points

MBS513 Accounting for Managers - 4 points
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
SGP1: TJS-internal

MBS622 Quantitative Methods for Business - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

MBS502 Law for Business - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
SGP1: TMR-internal

MBS605 Business Finance - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
SGP1: TSR-internal

MBS666 Economics and Business Strategy - 4 points
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

MBS553 Accounting Processes - 4 points
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

MBS632 Corporate Accounting - 4 points
KAPLAN-SGP: TJA-internal, TSA-internal

MBS509 Company Law - 4 points
KAPLAN-SGP: TMA-internal

MBS514 Taxation - 4 points
KAPLAN-SGP: TJA-internal, TSA-internal

MBS627 Management Accounting - 4 points
KAPLAN-SGP: TMA-internal

MBS633 Accounting Theory and Governance - 4 points
KAPLAN-SGP: TMA-internal

MBS634 Auditing - 4 points
KAPLAN-SGP: TJA-internal, TSA-internal

ASIAN STUDIES

GRADUATE CERTIFICATE IN ASIAN STUDIES (GRADCERTASIANST)

School of Arts

Graduate Certificate in Asian Studies (GradCertAsianSt)

Course Codes: C1120

Duration: 1 semester full-time or part-time equivalent (depending on unit selection)

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)
- This course is not normally available to international students studying in Australia on a student visa, due to visa regulations. However, exceptions can be made, conditional on undertaking certain units: contact The Student Centre for details. It is available to international students on other visas if visa conditions allow.

Restriction: All graduate courses are subject to restriction.

This course provides the opportunity to study Asian culture, society, politics, media and environment. It is available to graduates of any discipline and aims to develop cultural literacy concerning the Asian region, of particular importance for teachers, journalists, aid workers, diplomats and other professionals whose careers require cross-cultural competence. Graduates of the certificate are able to combine this qualification with in-country language studies or additional area studies units to obtain the Graduate Diploma in Asian Studies and progress to a Master of Arts by coursework.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher in any discipline, or satisfactory preparation through previous study or professional experience.

English Competence:

English competence.

Special Requirements:

There may be limited choice of units if completing this course in the external mode. Access to adequate library resources and to the Internet is essential for external students.

Employment Prospects:

Teaching, overseas aid and development, journalism, diplomacy

Main Research Areas:

Asia Research Centre

Course Structure - 12 credit points

Core Units - 12 credit points

Select from the following:

JPN543 Semester in Japan - 12 points

MURDOCH: S1-internal, S2-internal

OR

IND543 Semester in Indonesia - 12 points

MURDOCH: S1-internal, S2-internal

OR

Select four units from the following:

AST558 Gender in Asian Societies - 3 points

MURDOCH: S2-internal, S2-external

JPN514 Postwar Japan - 3 points

Not available this year

AST530 Nations, Narratives, Cultures in Contemporary Asia - 3 points

MURDOCH: S2-internal, S2-external

AST585 China Today - 3 points

Not available this year

AST556 Perceptions of South-East Asian Society - 3 points

MURDOCH: S1-internal, S1-external

AST531 Rise of Asia and Modern History - 3 points

Not available this year

GRADUATE DIPLOMA IN ASIAN STUDIES (GRADDIPASIANST)

School of Arts

Graduate Diploma in Asian Studies (GradDipAsianSt)

Course Codes: G1064

Duration: 1 year full-time or part-time equivalent subject to unit availability

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

For political, economic, environmental and cultural reasons, the countries of East and South-East Asia will play an increasingly important role in contemporary global change. The Graduate Diploma in Asian Studies offers the opportunity to study the literature, media, religion, history, politics, economics, sociology and anthropology of the Asian region.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher, or equivalent training, or satisfactory preparation through previous study or professional experience.

English Competence:

English competence.

Employment Prospects:

This course is intended to serve the career development needs of teachers and members of other professional groups in the areas of foreign affairs, law, public service, business, and journalism who require a broad interdisciplinary background in the Asian cultural, political and economic context.

Further Study:

Students who successfully complete the Graduate Diploma may apply for admission to the Master of Arts in Asian Studies and maybe eligible for Advance Standing.

Course Structure - 24 credit points

Core Units - 24 credit points

Students may take an Asian language unit as one of the core units, however the Academic Chair must be consulted to establish level of study.

With the approval of the Academic Chair, students with the relevant proficiency in either Indonesian or Japanese language may enrol in the semester in that country.

Select from the units below, with at least 9 points from the Asian Society and Culture list.

Asian Society and Culture - 9 credit points

AST558 Gender in Asian Societies - 3 points

MURDOCH: S2-internal, S2-external

AST530 Nations, Narratives, Cultures in Contemporary Asia - 3 points

MURDOCH: S2-internal, S2-external

AST531 Rise of Asia and Modern History - 3 points

Not available this year

JPN514 Postwar Japan - 3 points

Not available this year

AST585 China Today - 3 points

Not available this year

AST556 Perceptions of South-East Asian Society - 3 points

MURDOCH: S1-internal, S1-external

Language

JPN543 Semester in Japan - 12 points

MURDOCH: S1-internal, S2-internal

(Academic Chair must approve enrolment.)

IND543 Semester in Indonesia - 12 points

MURDOCH: S1-internal, S2-internal

Students may also select an undergraduate-level unit in language and should consult with the Academic Chair to determine the appropriate level.

Theoretical and Comparative Context

COD545 Community Development Theory and Practice - 3 points

MURDOCH: S1-internal, S1-external

SUS512 Sustainability, Ecology and Communities - 3 points

MURDOCH: S1-internal, S1-external

MASTER OF ASIAN STUDIES (MASIANST)

School of Arts

Master of Asian Studies (MASianSt)

Course Codes: M1216

Duration: 2 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

The countries of East and South-East Asia will play an increasingly important role in global change in the twenty-first century. This course is intended to provide graduates of any discipline with training in the culture, politics, economics, history and environment of the Asian region.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher in any discipline, or equivalent training, or satisfactory preparation through previous study or professional experience.

English Competence:

English competence.

Employment Prospects:

This course is intended to serve the career development needs of teachers and members of other professional groups in the areas of foreign affairs, law, public service, business, and journalism who require a broad interdisciplinary background in the Asian cultural, political and economic context.

Project/Dissertation:

The Masters offers a coursework-only program or a combination of coursework with a 4- or 8-point project or 12-point dissertation in the research stream.

External Study:

Many of the units are available in the external mode, including the Indonesian language units.

Nested Awards:

Students can opt out of the Master of Arts and exit with the Postgraduate Diploma in Asian Studies subject to satisfying the course requirements.

Course Structure - 48 credit points

University regulations require completion of a minimum of 24 points at 600-level and a maximum of 24 points at 500-level for a 48-point Masters by Coursework degree.

Year 1 - 24 credit points**Specified Electives - 24 credit points**

Select from the following lists, with at least 9 points from Asian Society and Culture.

Asian Society and Culture - 9 credit points

Select from the following:

AST530 Nations, Narratives, Cultures in Contemporary Asia - 3 points
MURDOCH: S2-internal, S2-external

AST531 Rise of Asia and Modern History - 3 points
Not available this year

AST556 Perceptions of South-East Asian Society - 3 points
MURDOCH: S1-internal, S1-external

JPN514 Postwar Japan - 3 points
Not available this year

AST585 China Today - 3 points
Not available this year

AST558 Gender in Asian Societies - 3 points
MURDOCH: S2-internal, S2-external

Theoretical and Comparative Context

COD545 Community Development Theory and Practice - 3 points
MURDOCH: S1-internal, S1-external

SUS512 Sustainability, Ecology and Communities - 3 points
MURDOCH: S1-internal, S1-external

Language

With the approval of the Academic Chair, students with relevant proficiency in either Indonesian or Japanese language may enrol in 12 points in the semester in that country. Asian Language units may also be taken, subject to Academic Chair approval.

JPN543 Semester in Japan - 12 points
MURDOCH: S1-internal, S2-internal

IND543 Semester in Indonesia - 12 points
MURDOCH: S1-internal, S2-internal

or 6 points from undergraduate Asian Language units according to assessed competence.

Year 2 - 24 credit points**Core Units - 12 to 18 credit points****Research Methods Unit - 3 credit points**

ART604 Advanced Social Science Research Methods - 3 points
MURDOCH: S1-internal, S1-external

OR

SWM516 Policy Research and Evaluation - 3 points
MURDOCH: S1-internal

Theory Unit - 3 credit points

AST612 Anthropology and Its Others - 3 points
MURDOCH: S1-internal, S1-external

OR

HIS685 Approaches to History - 3 points
Not available this year

Capstone Unit - 6 or 12 credit points

AST632 Asian Studies Project - 6 points
MURDOCH: H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

OR

ART607 In-Country Studies Indonesia - 6 points
MURDOCH: SUM-internal

OR

AST634 Asian Studies Dissertation - 12 points
MURDOCH: H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Specified Electives - 6 to 12 credit points

Select units from the following lists.

Asian Society and Culture

AST650 Culture, Communities and Sustainability in Asia - 3 points
MURDOCH: S1-internal, S1-external

SWM623 Contemporary Dynamics in Asian International Affairs - 3 points
MURDOCH: S1-internal

MCM682 Global Media: Asia-Pacific Perspectives - 6 points
MURDOCH: S2-internal

JPN652 Japanese Advanced Language Project - 3 points
MURDOCH: S1-internal

IND652 Indonesian Advanced Language Project - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Global Context

SWM625 States and Governance in Development - 3 points
Not available this year

SWM626 Social Policy for the Contemporary World - 3 points
Not available this year

SWM632 International Political Economy - 3 points
MURDOCH: S2-internal

MCM604 People, Corporates and Globalisation - 3 points
MURDOCH: S2-internal

EDU616 Teaching, Learning and Working in Culturally Diverse Environments - 3 points
MURDOCH: S1-internal, S1-external

BUSINESS ADMINISTRATION

GRADUATE CERTIFICATE IN BUSINESS ADMINISTRATION (GRADCERTBUSADMIN)

School of Management and Governance

Graduate Certificate in Business Administration (GradCertBusAdmin)

Course Codes: C1106

Duration: 1 semester full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

The Graduate Certificate in Business Administration provides the opportunity to develop basic analytical skills needed to make sound business decisions. It focuses on the management of organisations and provides unit choices in two other key business disciplines. The course can be completed in one semester of full-time study, or part time equivalent. Students who successfully complete the Graduate Certificate may apply for admission to the Graduate Diploma in Business Administration.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher and evidence of relevant two-year work experience, or satisfactory preparation for the course through previous study or professional experience.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

This course offers an opportunity to study four core units in an MBA course and exit with a postgraduate qualification, thus gaining a competitive edge in the marketplace.

Further Study:

Students who successfully complete the Graduate Certificate may apply for admission to the Graduate Diploma in Business Administration or the MBA.

Course Structure - 12 credit points

Core Units - 9 credit points

MBS538 Organisational Behaviour and Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS539 Accounting for Managers - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS537 Strategic Marketing Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Specified Electives - 3 credit points

Select from the following:

MBS636 International Business Negotiations - 3 points
MURDOCH: S2-internal, S2-external

MBS689 Risk Management - 3 points
MURDOCH: S2-internal, S2-external

MBS651 Leading and Managing Nonprofit Organisations - 3 points
MURDOCH: S2-internal, S2-external

MBS687 Effective Leadership - 3 points
MURDOCH: S1-internal, S1-external

Students may substitute one of the units above with any 600-level

units offered by the School of Management and Governance with permission from the Academic Chair.

GRADUATE CERTIFICATE IN BUSINESS ADMINISTRATION (MASTERCLASS) (GRADCERTBUSADMIN)

School of Management and Governance

Graduate Certificate in Business Administration (GradCertBusAdmin)

Course Codes: C1115

Duration: Part-time study concurrent with Bachelor's degree

Availability:

- Murdoch campus (internal)
- Only available to international students who are studying concurrently in a Bachelor's degree on a full-time load.

Restriction: All graduate courses are subject to restriction.

The Graduate Certificate in Business Administration (MasterClass) is studied concurrently with an undergraduate degree.

All candidates must have completed at least 24 credit points of any undergraduate degree at Murdoch University or the equivalent of one year of full-time study in another recognised degree offered by an Australian or international tertiary institution.

Admission Requirements (Onshore):

Application for MasterClass is by invitation or nomination. Entry to the course via either channel is subject to panel interview.

Invitation: Completion of 24 points in any Murdoch undergraduate degree and academic achievement within the top 5 per cent by grade point average. Students in the top 5 per cent will receive an invitation to apply for the course.

Nomination: Completion of 24 points in any Murdoch undergraduate degree, evidence of strong academic achievement and demonstrated leadership attributes.

English Competence:

English competence.

Course Structure - 12 credit points

Core Units - 12 credit points

MBS5082 Organisational Behaviour and Management - 3 points

MBS5132 Accounting for Managers - 3 points

MBS5072 Strategic Marketing Management - 3 points

MBS6712 Effective Leadership - 3 points

GRADUATE DIPLOMA IN BUSINESS ADMINISTRATION (GRADDIPBUSADMIN)

School of Management and Governance

Graduate Diploma in Business Administration (GradDipBusAdmin)

Course Codes: G1063

Duration: 2 semesters full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

The Graduate Diploma in Business Administration provides the opportunity to develop analytical skills needed to make sound business decisions. It focuses on the management, marketing and accounting functions of an organisation.

The course can be completed in one year of full time study or part time equivalent.

Student who complete the Graduate Diploma may apply for admission to the MBA.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher and evidence of relevant two-year work experience, or satisfactory preparation for the course through previous study or professional experience.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

This course offers an opportunity to complete eight of the core units in the MBA course and exit with a postgraduate qualification, thus gaining a competitive edge in the marketplace.

Further Study:

Students who successfully complete the Graduate Diploma may apply for admission to the MBA.

Course Structure - 24 credit points

Core Units - 12 credit points

MBS539 Accounting for Managers - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS537 Strategic Marketing Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS538 Organisational Behaviour and Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS659 Quantitative Research for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Specified Electives - 12 credit points

Select from the following:

MBS645 Business Finance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS675 International Business - 3 points
MURDOCH: S2-internal, S2-external

MBS689 Risk Management - 3 points
MURDOCH: S2-internal, S2-external

MBS687 Effective Leadership - 3 points
MURDOCH: S1-internal, S1-external

MBS648 Organisational Change, Management and Consultancy - 3 points
MURDOCH: S2-internal, S2-external

MBS686 Economics and Business Strategy - 3 points
MURDOCH: S2-internal, S2-external

MBS651 Leading and Managing Nonprofit Organisations - 3 points
MURDOCH: S2-internal, S2-external

MBS636 International Business Negotiations - 3 points
MURDOCH: S2-internal, S2-external

Special Topics are available from time to time and may be used a Specified Elective. Students should consult the Academic Chair about availability.

MASTER OF BUSINESS ADMINISTRATION (MBA)

School of Management and Governance

Master of Business Administration (MBA)

Course Codes: M1215

Duration: The qualification is equivalent to 2 years full-time study

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

The Master of Business Administration provides the opportunity to develop the skills needed to make strategic business decisions.

Graduates of a Murdoch University MBA will demonstrate the application of scholarship and research skills by the completion of significant practical projects.

A flexible teaching timetable allows students to balance work, study and other personal commitments.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher and evidence of relevant two-year work experience, or satisfactory preparation for the course through previous study or professional experience.

English Competence:

English competence.

Nested Awards:

Students can opt out of the MBA and exit with either the Graduate Certificate or Graduate Diploma subject to satisfying the course requirements.

Advanced Standing:

Up to 24 points of advanced standing is available to students with a recognised Graduate qualification in a cognate area and evidence of 2 years relevant work experience.

Course Structure - 48 credit points

Core Units - 24 credit points

MBS539 Accounting for Managers - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS537 Strategic Marketing Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBL502 Law for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS538 Organisational Behaviour and Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS645 Business Finance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS647 Strategic Decision-Making - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS659 Quantitative Research for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS619 Qualitative Organisational Research - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Specified Electives - 24 credit points

Select from the following:

MBS636 International Business Negotiations - 3 points
MURDOCH: S2-internal, S2-external

MBS631 Economics of Globalisation - 3 points

- MURDOCH: S1-internal, S1-external
- MBS648 Organisational Change, Management and Consultancy - 3 points
MURDOCH: S2-internal, S2-external
- MBS686 Economics and Business Strategy - 3 points
MURDOCH: S2-internal, S2-external
- MBS687 Effective Leadership - 3 points
MURDOCH: S1-internal, S1-external
- MBS673 Entrepreneurship and Innovation Management - 3 points
MURDOCH: S1-internal, S1-external
- MBL618 Dispute Management - 3 points
MURDOCH: S1-internal, S1-external
- MBS685 Project Management - 3 points
MURDOCH: W-internal, W-external
- MBS675 International Business - 3 points
MURDOCH: S2-internal, S2-external
- MBS689 Risk Management - 3 points
MURDOCH: S2-internal, S2-external
- MBS658 Supply Chain Management and Logistics - 3 points
MURDOCH: SUM-internal, SUM-external
- MBS624 Employment Relations and Asia Pacific Contexts - 3 points
MURDOCH: S2-internal, S2-external
- MBL623 Work Health and Safety Law - 3 points
MURDOCH: S1-internal, S1-external
- MBS651 Leading and Managing Nonprofit Organisations - 3 points
MURDOCH: S2-internal, S2-external
- MBS667 Digital Business - 3 points
MURDOCH: S2-internal, S2-external
- MBS620 Research Preparation for Business - 3 points
MURDOCH: S1-internal, S2-internal
- MBS649 Research Project - 6 points
MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external
- MBS690 Decision Neuroscience Neuromarketing - 3 points
MURDOCH: S1-internal (quota of 14 places), S2-internal (quota of 14 places)

MASTER OF BUSINESS ADMINISTRATION (OFFSHORE) (MBA)

School of Management and Governance

Master of Business Administration (MBA)

Course Codes: M1000

Duration: The qualification is equivalent to 2 years full-time study

Availability:

- SMF Institute of Higher Learning (Singapore) ['SGP1'] (internal) (by formal agreement) (language of instruction: English)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
- Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)

Restriction: All graduate courses are subject to restriction.

The Master of Business Administration provides the opportunity to develop the skills needed to make strategic business decisions.

Graduates with a Murdoch University MBA will demonstrate the application of scholarship and research skills by the completion of

significant practical projects.

A flexible teaching timetable allows students to balance work, study and other personal commitments.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher and evidence of relevant two-year work experience, or satisfactory preparation for the course through previous study or professional experience.

English Competence:

English competence.

Nested Awards:

Students can opt out of the MBA and exit with either the Graduate Certificate or Graduate Diploma subject to satisfying the course requirements.

Advanced Standing:

Up to 24 points of advanced standing is available to students with a recognised Graduate qualification in a cognate area and evidence of 2 years relevant work experience.

Course Structure - 48 credit points

Core Units - 24 credit points

MBS513 Accounting for Managers - 4 points
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
SGP1: TJS-internal

MBS507 Strategic Marketing Management - 4 points
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TMA-internal
SGP1: TJR-internal

MBS502 Law for Business - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
SGP1: TMR-internal

MBS508 Organisational Behaviour and Management - 4 points
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
SGP1: TSQ-internal

MBS605 Business Finance - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
SGP1: TSR-internal

MBS606 Strategic Decision-Making - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal, TSA-internal
SGP1: TMQ-internal

Specified Electives - 24 credit points

Select from the following units, with a maximum of two units from those marked with an asterisk (*).

*MBS501 Human Resource Management Law - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal

MBS531 Economics of Globalisation - 4 points
DUBAI-ISC: TMD-internal

MBS548 Organisational Change, Management and Consultancy - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal

* MBS617 Human Resource Management Perspectives - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal

MBS666 Economics and Business Strategy - 4 points
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

MBS671 Effective Leadership - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TSP-internal

MBS629 Entrepreneurship and Innovation Management - 4 points
DUBAI-ISC: TJD-internal, TSD-internal
SGP1: TSS-internal

MBS618 Dispute Management - 4 points
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TMS-internal

MBS641 Project Management - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TMP-internal

MBS630 International Business - 4 points
DUBAI-ISC: TJD-internal, TSD-internal
SGP1: TJP-internal

MBS572 Risk Management - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal

MBS558 Supply Chain Management and Logistics - 4 points
SGP1: TJQ-internal

* MBS525 Managing, Evaluating and Developing Human Resources - 4 points
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal

* MBS626 Managing Remuneration, Benefits and Motivation - 4 points
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal

* MBS511 Acquisition of Human Resources - 4 points
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal

PEC591 Energy Policy - 4 points
MURDOCH: S2-internal, S2-external, Y-external

PEC593 Energy Economics - 4 points
MURDOCH: H-external, S1-internal, S1-external

MBS622 Quantitative Methods for Business - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

CHINESE LAW

GRADUATE CERTIFICATE IN CHINESE LAW (GRADCERTCHINLAW)

School of Law

Graduate Certificate in Chinese Law (GradCertChinLaw)

Course Codes: C1126

Duration: 1 semester full-time or part-time equivalent, plus 3 weeks intensive teaching in Hong Kong in January

Availability:

- City University of Hong Kong (Hong Kong) ['CITYUHK'] (internal) (by formal agreement) (language of instruction: English)

Restriction: All graduate courses are subject to restriction.

In the contemporary legal and corporate sphere, it is important for lawyers to function effectively in the international arena.

The Graduate Certificate in Chinese Law is a unique and innovative

course. Students will travel to City University of Hong Kong and study aspects of Chinese law including Chinese constitutional law, commercial and contract law, and international intellectual property law.

The course consists of three weeks of intensive teaching at City University of Hong Kong in January and February, and will be followed by time for students to reflect on the course material and complete the major research assessments after their return from Hong Kong. Students will have the opportunity to form international friendships and gain a firsthand, tangible sense of China -- both its dynamic economic and legal development and its history and culture.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher, or equivalent training in any discipline (this need not be related to Law).

English Competence:

English competence.

Special Requirements:

This course is taught at City University of Hong Kong.

Students must possess a valid passport with eligibility for a visa to enter Hong Kong; Permanent Residents may also require a visa for re-entry into Australia.

Students are required to make their own travel arrangements. Students are covered by Murdoch University for travel insurance. Students are responsible for all other costs including airfares, accommodation, passport and visa fees, vaccinations, meals, taxis and personal expenses. City University of Hong Kong will assist in finding accommodation at competitive rates for students in this course.

Students are advised to be aware of Australian Department of Foreign Affairs and Trade (DFAT) travel advisories prior to their departure, via the following website:
<http://www.smarttraveller.gov.au/>

All students must complete the University's online Travel Register prior to departure.

Employment Prospects:

Law, commerce and international business.

Course Structure - 12 credit points

Core Units - 12 credit points

LLM517 Introduction to the Chinese Legal System - 3 points
CITYUHK: S1D-internal

LLM522 Chinese Contract and Commercial Law - 6 points
CITYUHK: S1D-internal

LLM574 Chinese Intellectual Property Laws in the Global Context - 3 points
CITYUHK: S1D-internal

COMMUNICATION AND MEDIA STUDIES

MASTER OF COMMUNICATION MANAGEMENT (MCOMM)

School of Arts

Master of Communication Management (MCommM)

Course Codes: M1209

Duration: 18 months full-time or part-time equivalent, utilising the summer term

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

This course focuses on managing communication within an international context, emphasising the Asia-Pacific.

Informed by international scholarship in a range of disciplines and also by professional practice, the course will develop students' professional and intellectual skills to enable them to be appropriately prepared for a career in communication and media related professions, including but not limited to public relations, corporate communication, the media liaison, or consultancy related to the creative industries. Its purpose is also to develop students' skills and independent learning ability to enable them to extend their personal development.

Admission Requirements (Onshore):

(i) A recognised Bachelor degree (AQF Level 7) in the discipline and at least one year of relevant workplace experience, such as in public relations, journalism, media and communication sectors;

OR

(ii) A recognised Bachelor degree (AQF Level 7) and at least one year of approved graduate study in a relevant discipline. Students who have completed a graduate diploma or equivalent in the disciplinary area may apply for advanced standing of up to 12 credit points;

OR

(iii) A minimum of ten years' work experience in the media and communication sectors or in a professional capacity, or a minimum of five years' work experience in a managerial role, together with evidence of ability to carry out research for and/or write professional reports.

Admission Requirements (Offshore):

(i) A recognised Bachelor degree (AQF Level 7) in the discipline and at least one year of relevant workplace experience, such as in public relations, journalism, media and communication sectors;

OR

(ii) A recognised Bachelor degree (AQF Level 7) and at least one year of approved graduate study in a relevant discipline. Students who have completed a graduate diploma or equivalent in the disciplinary area may apply for advanced standing of up to 12 credit points;

OR

(iii) A minimum of ten years' work experience in the media and communication sectors or in a professional capacity, or a minimum of five years' work experience in a managerial role, together with evidence of ability to carry out research for and/or write professional reports.

English Competence:

English competence.

Employment Prospects:

Executive or managerial positions in communication and media related fields, including corporate communications, public relations, and media liaison, or consultancy in the creative industries.

Professional Accreditation:

Accredited by the Public Relations Institute of Australia (PRIA)

Main Research Areas:

Management, media, strategic communication, public relations, journalism, cultural studies.

Course Structure - 36 credit points**Core Units - 24 credit points**

MCM681 Strategic Communication - 6 points
MURDOCH: S1-internal

MCM682 Global Media: Asia-Pacific Perspectives - 6 points

MURDOCH: S2-internal

MCM683 Communication Management: Professional Perspectives - 6 points

MURDOCH: SUM-internal

MCM680 Communication Management Research Project - 6 points
MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal

Specified Electives - 12 credit points

Select from the following:

MCM603 Communication, Politics and Society - 3 points
MURDOCH: S2-internal

MCM604 People, Corporates and Globalisation - 3 points
MURDOCH: S2-internal

MCM605 Public Relations, Communication and Culture - 3 points
MURDOCH: S2-internal

MCM501 Critical and Ethical Issues in Communication - 3 points
MURDOCH: S1-internal

MCM502 Web Strategy - 3 points
MURDOCH: S1-internal

COMMUNITY DEVELOPMENT**GRADUATE CERTIFICATE IN COMMUNITY DEVELOPMENT (GRADCERTCOMMDEV)**

School of Arts

Graduate Certificate in Community Development (GradCertCommDev)

Course Codes: C1107

Duration: 2 to 3 semesters part-time (due to unit availability)

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)
- This course is not available to international students studying in Australia on a student visa; it is available to international students on other visas if visa conditions allow.

Restriction: All graduate courses are subject to restriction.

The Postgraduate Certificate in Community Development builds upon the student's knowledge of community development theory and practice. In addition, the course provides students with an understanding of the broad range of settings where community development is carried out and the social and policy forces that impact on its application. It is designed for community work practitioners as well as graduates with an interest in moving into emerging fields that embrace community development.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher, or equivalent training though not necessarily in an area directly related to the proposed course, or satisfactory preparation for the course through previous study or professional experience.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

This course will enhance practitioners qualifications and open opportunities for those interested in working in industry areas such as community and social services, local government, overseas aid work, economic and social planning, sustainable development and Indigenous governance.

Main Research Areas:

Social Policy, Community Studies, Sociology.

Course Structure - 12 credit points**Core Units - 12 credit points**

COD545 Community Development Theory and Practice - 3 points
MURDOCH: S1-internal, S1-external

COD505 Mining, Communities and Sustainability - 3 points
MURDOCH: S2-internal, S2-external

COD508 Community Development Internship - 6 points
MURDOCH: S2-internal, S2-external

GRADUATE DIPLOMA IN COMMUNITY DEVELOPMENT (GRADDIPCOMMDEV)

School of Arts

Graduate Diploma in Community Development (GradDipCommDev)

Course Codes: G1061

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

In addition to building upon students' knowledge of community development theory and practice, the Graduate Diploma in Community Development is designed to develop knowledge of social research and community participatory methods. The course combines the study of community development theory, settings and policy formation with the development of knowledge and skills in community planning, research methods and program evaluation. As part of their studies students will either undertake a placement with a community organisation or carry out a community-based research project.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher, or equivalent training, though not necessarily in an area directly related to the course, or satisfactory preparation through previous study or professional experience.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

This course will enhance practitioners qualifications and open opportunities for those interested in social research and working in industry areas such as community and social services, local government, overseas aid work, economic and social planning, sustainable development and Indigenous governance.

Main Research Areas:

Social Policy, Community Studies, Sociology.

Course Structure - 24 credit points**Core Units - 18 credit points**

COD545 Community Development Theory and Practice - 3 points
MURDOCH: S1-internal, S1-external

SUS633 Disasters and Risk Management - 3 points
MURDOCH: S2-internal

COD505 Mining, Communities and Sustainability - 3 points
MURDOCH: S2-internal, S2-external

SUS611 Resilient Regions: People and Practice - 3 points
MURDOCH: SUM-internal

COD508 Community Development Internship - 6 points
MURDOCH: S2-internal, S2-external

Specified Elective - 6 credit points

Select from the following:

AST650 Culture, Communities and Sustainability in Asia - 3 points
MURDOCH: S1-internal, S1-external

AST558 Gender in Asian Societies - 3 points
MURDOCH: S2-internal, S2-external

SWM626 Social Policy for the Contemporary World - 3 points
Not available this year

MASTER OF COMMUNITY DEVELOPMENT (MCOMMDEV)

School of Arts

Master of Community Development (MCommDev)

Course Codes: M1212

Duration: 2 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

People involved with government, neighbourhood groups, social action, overseas aid, schools, local councils, sustainability, Indigenous groups, social services, the arts, business and tourism are all talking about community development as a new way of doing things. The Master of Arts in Community Development provides you with an understanding of the practice of community development, the broad range of settings in which it is carried out, social research methods and social policy forces that impact on practice. It also involves students undertaking an original, substantive investigation of a community development issue under the supervision of a Murdoch University staff member.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher, or equivalent training, though not necessarily in an area directly related to the course, or satisfactory preparation through previous study or professional experience.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

This course will enhance practitioners' qualifications and open opportunities for those interested in undertaking social research in settings such as community and social services, local government, overseas aid work, economic and social planning, sustainable development and Indigenous governance.

Main Research Areas:

Social Policy, Community Studies, Sociology.

Nested Awards:

Students can opt out of the Master of Arts and exit with the Graduate Certificate or Graduate Diploma in Community Development subject to satisfying the course requirements.

Course Structure - 48 credit points

University regulations require completion of a minimum of 24 points at 600-level and a maximum of 24 points at 500-level for a 48-point Masters by Coursework degree.

Core Units - 27 to 36 credit points

Theory - 21 credit points

Complete all of the following:

COD545 Community Development Theory and Practice - 3 points
MURDOCH: S1-internal, S1-external

COD505 Mining, Communities and Sustainability - 3 points
MURDOCH: S2-internal, S2-external

AST650 Culture, Communities and Sustainability in Asia - 3 points
MURDOCH: S1-internal, S1-external

SUS512 Sustainability, Ecology and Communities - 3 points
MURDOCH: S1-internal, S1-external

SUS633 Disasters and Risk Management - 3 points
MURDOCH: S2-internal

SUS611 Resilient Regions: People and Practice - 3 points
MURDOCH: SUM-internal

SUS670 Sustainable Communities and 'The Good Life' - 3 points
MURDOCH: S2-internal, S2-external

Capstone Experience - 6 or 15 credit points

Select either:

ART610 Masters by Coursework Research Dissertation - 12 points
MURDOCH: H-internal, H-external, S1-internal, S1-external,
S2-internal, S2-external, Y-internal, Y-external

and

ART604 Advanced Social Science Research Methods - 3 points
MURDOCH: S1-internal, S1-external

OR

ART6401 Masters by Coursework Research Project - 6 points
MURDOCH: H-internal, H-external, S1-internal, S1-external,
S2-internal, S2-external, SUM-internal, SUM-external, Y-internal,
Y-external

Specified Electives - 12 to 21 credit points

Select from the Professional or Policy Electives below.

Professional Electives

COD508 Community Development Internship - 6 points
MURDOCH: S2-internal, S2-external

MBS6411 Project Management - 3 points
MURDOCH: S1-internal

MBS6711 Effective Leadership - 3 points
Not available this year

SWM621 Ethical Challenges of Contemporary Societies - 3 points
MURDOCH: S2-internal

MCC687 Managing Communication - 3 points
MURDOCH: S2-internal

EDN546 Dynamics of Cultural Diversity in the Workplace and the
Community - 3 points
MURDOCH: S1-internal

Policy Electives

AST558 Gender in Asian Societies - 3 points
MURDOCH: S2-internal, S2-external

ENV680 Climate Change Adaptation: Ecosystems and Societies - 3

points

MURDOCH: S2-internal, S2-external

SUS523 Cities and Sustainability - 3 points

MURDOCH: S1-internal, S1-external

SWM626 Social Policy for the Contemporary World - 3 points

Not available this year

COUNSELLING

GRADUATE CERTIFICATE IN COUNSELLING (GRADCERTCOUNSEL)

School of Health Professions

Graduate Certificate in Counselling (GradCertCounsel)

Course Codes: C1111

Duration: 1 to 2 years part-time or 6 months full-time (if commencing in
Semester 1)

Availability:

- Murdoch campus (internal)
- Peel campus (internal)

Restriction: All graduate courses are subject to restriction.

The Graduate Certificate in Counselling provides students with the opportunity to begin developing professional competence and personal readiness for a career in counselling. The course is committed to experiential learning, enabling students to focus on quality of counselling relationships as a key feature of effective counselling practice.

Students who complete the Graduate Certificate in Counselling may apply for admission to the Graduate Diploma in Counselling and will be exempt from the units already completed which are common to both degrees.

Admission Requirements (Onshore):

Completion of a bachelor degree (AQF Level 7) or equivalent in any discipline. Applications based on previous study or professional experience will be considered on a case-by-case basis. The admission process includes both application and interview.

English Competence:

English competence.

Special Requirements:

Students will need to provide a current police clearance prior to enrolment.

Employment Prospects:

The Graduate Certificate provides an introduction to counselling for people wanting to pursue further training. It also provides the opportunity for people to add counselling skills to existing professional roles in health, education, social services or business. Alternatively people with an existing practice in counselling can enrol in a Graduate Certificate to develop their skills.

Professional Accreditation:

The Graduate Certificate is a step towards the Master of Counselling degree which has Professional Accreditation with Psychotherapy & Counselling Federation of Australia PACFA.

Professional Recognition:

Employment agencies in a variety of contexts, from Counselling, Teach and Nursing, consider the Graduate Certificate as valid for professional development opportunities.

Further Study:

Students who successfully complete the Graduate Certificate may apply for admission to the Graduate Diploma in Counselling.

Course Structure - 12 credit points**Core Unit - 6 credit points**

CSL582 Principles of Counselling 1 - 6 points
MURDOCH: S1-internal
PEEL: S1-internal

Specified Electives - 6 credit points

Select from the following:

CSL583 Counselling Adults - 3 points
MURDOCH: S2-internal
PEEL: S2-internal

CSL566 Case Conceptualisation and Assessment in Counselling - 3 points
MURDOCH: S1-internal
PEEL: S1-internal

CSL581 Group Counselling - 3 points
MURDOCH: S1-internal
PEEL: S1-internal

CSL578 Counselling Children and Adolescents - 3 points
MURDOCH: S2-internal
PEEL: S2-internal

and couples. They will be ready for employment in settings requiring individual and group therapy competence.

Professional Accreditation:

The Graduate Diploma is a requisite step towards the Masters of Counselling degree which has Professional Accreditation with Psychotherapy & Counselling Federation of Australia PACFA.

Professional Recognition:

Students studying this degree can register as Trainees with the Psychotherapists and Counsellors Association of Western Australia PACAWA

Further Study:

Students who successfully complete the Graduate Diploma may apply for admission to the Master of Counselling.

Advanced Standing:

Up to 12 credit points is available (0.5 years) of advanced standing to students who have a Level 8 Graduate Certificate in Counselling or who have successfully completed a minimum of Level 8 units with learning outcomes equivalent to one or more course units comprising the Graduate Diploma in Counselling

Course Structure - 24 credit points**Core Units - 24 credit points**

CSL582 Principles of Counselling 1 - 6 points
MURDOCH: S1-internal
PEEL: S1-internal

CSL581 Group Counselling - 3 points
MURDOCH: S1-internal
PEEL: S1-internal

CSL566 Case Conceptualisation and Assessment in Counselling - 3 points
MURDOCH: S1-internal
PEEL: S1-internal

CSL583 Counselling Adults - 3 points
MURDOCH: S2-internal
PEEL: S2-internal

CSL578 Counselling Children and Adolescents - 3 points
MURDOCH: S2-internal
PEEL: S2-internal

SHP632 Applied Health Research Methods: From Research to Practice - 3 points
MURDOCH: S1-external, S2-external

CSL676 Introduction to Creative Arts Therapies in Counselling - 3 points
MURDOCH: S2-internal

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GRADUATE DIPLOMA IN COUNSELLING (GRADDIPCOUNSEL)

School of Health Professions

Graduate Diploma in Counselling (GradDipCounsel)

Course Codes: G1055

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

This course supports students in developing professional competence and personal readiness for a career in counselling. It is committed to experiential learning, with an emphasis on the counselling relationship, the key feature of effective counselling practice. The critical appraisal of counselling literature combined with a practicum in our Counsellor Training Centre provides students with the opportunity to develop their counselling practice.

Students who complete the Graduate Diploma may apply for admission to the Master of Counselling and will be exempt from the units already completed which are common to both degrees.

Students wishing to finish their training at this level may apply to complete two specified additional units to meet the accreditation standards of the Psychotherapy and Counselling Federation of Australia (PACFA).

Admission Requirements (Onshore):

Completion of a bachelor degree (AQF Level 7) or equivalent in any discipline. Applications based on previous study or professional experience will be considered on a case-by-case basis. The admission process includes both application and interview.

English Competence:

English competence.

Special Requirements:

Students will need to provide a current police clearance and Working with Children Check prior to enrolment.

Employment Prospects:

Graduates may be employed in government and non-government counselling organisations working with adults, children, families

MASTER OF COUNSELLING (MCOUNSEL)

School of Health Professions

Master of Counselling (MCounsel)

Course Codes: M1143

Duration: 2 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

The Master of Counselling supports students in developing professional competence and personal readiness for a career in counselling. The course is committed to experiential learning, with an emphasis on the counselling relationship, the key feature of effective counselling practice. All students engage in the critical appraisal of selected counselling literature/research. In the second

year students can complete a substantial research project addressing an issue in counselling theory or practice, or complete their award through course work and case study. Three supervised practica provide students with the opportunity to develop an integrated and professional counselling practice.

Admission Requirements (Onshore):

Completion of a bachelor degree (AQF Level 7) or equivalent in any discipline. Applications based on previous study or professional experience will be considered on a case-by-case basis. The admission process includes both application and interview.

English Competence:

English competence.

Special Requirements:

Students will need to provide a current police clearance and Working with Children Check prior to enrolment.

Employment Prospects:

On completion of the course graduates will be eligible to be employed in government and non-government counselling organisations working with adults, children, families and couples. They will be ready for employment in settings requiring individual and group therapy competence.

Professional Accreditation:

Psychotherapists and Counsellors Federation of Australia (PACFA)

Professional Recognition:

Graduates are eligible to apply for registration with the Psychotherapy and Counselling Association of Western Australia and to then work towards clinical registration with both PACAWA and PACFA.

Nested Awards:

Students can opt out of the Master of Counselling and exit with either the Graduate Certificate or Graduate Diploma subject to satisfying the relevant course requirements.

Advanced Standing:

Up to 24 credit points is available of advanced standing to students who have a Level 8 Graduate Diploma in Counselling or who have successfully completed a minimum of Level 8 units with learning outcomes equivalent to one or more course units comprising the Masters in Counselling.

Course Structure - 48 credit points

Core Units - 48 credit points

CSL582 Principles of Counselling 1 - 6 points
MURDOCH: S1-internal
PEEL: S1-internal

CSL684 Principles of Counselling 2 - 3 points
MURDOCH: S2-internal

CSL578 Counselling Children and Adolescents - 3 points
MURDOCH: S2-internal
PEEL: S2-internal

CSL583 Counselling Adults - 3 points
MURDOCH: S2-internal
PEEL: S2-internal

CSL581 Group Counselling - 3 points
MURDOCH: S1-internal
PEEL: S1-internal

CSL679 Counselling Placement and Supervision Group 1 - 6 points
MURDOCH: DE7-placement (quota of 12 places), S1L-placement (quota of 12 places)

CSL566 Case Conceptualisation and Assessment in Counselling - 3 points

MURDOCH: S1-internal

PEEL: S1-internal

CSL621 Counselling Placement and Supervision Group 2 - 6 points
MURDOCH: DE7-placement (quota of 12 places), S1L-placement (quota of 12 places)

SHP632 Applied Health Research Methods: From Research to Practice - 3 points
MURDOCH: S1-external, S2-external

CSL676 Introduction to Creative Arts Therapies in Counselling - 3 points
MURDOCH: S2-internal

Either:

CSL620 Counselling Research Project - 9 points
MURDOCH: H-internal, S1-internal, S2-internal, SUM-internal, Y-internal

OR

CSL677 Counselling Research Project - 6 points
MURDOCH: Y-internal

and

CSL674 Trauma Counselling - 3 points
MURDOCH: S1-internal

DEVELOPMENT STUDIES

GRADUATE CERTIFICATE IN DEVELOPMENT STUDIES (GRADCERTDS)

Sir Walter Murdoch School of Public Policy and International Affairs

Graduate Certificate in Development Studies (GradCertDS)

Course Codes: C1103

Duration: 1 semester full-time

Availability:

- Murdoch campus (internal)
- International students must commence in Semester 1 only.

Restriction: All graduate courses are subject to restriction.

The Graduate Certificate in Development Studies will prepare students to participate in the world of international development. Students gain the theoretical foundation and professional skills necessary for rewarding careers in all types of organisations (public, private and not for profit, national and international) engaged in development policy, planning and practice, in Australia and internationally.

Admission Requirements (Onshore):

Admission to the Graduate Certificate is available to students who have a recognised Bachelor degree in any area.

English Competence:

English competence.

Employment Prospects:

Suitable for students looking to work in the public sector, the not-for-profit sector and for professionals who work at the intersection between government and business.

Course Structure - 12 credit points

Core Units - 12 credit points

SWM511 Theories of Development - 3 points
MURDOCH: S1-internal

SWM512 Working in Development - 3 points

MURDOCH: W-internal

SWM530 Politics, States and Development - 3 points
MURDOCH: S1-internal

MBS536 Financial Management Decision Making - 3 points
MURDOCH: S1-internal

MASTER OF DEVELOPMENT STUDIES (MDS)

Sir Walter Murdoch School of Public Policy and International Affairs

Master of Development Studies (MDS)

Course Codes: M1195

Duration: 2 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

The Master of Development Studies (MDS) is a practical professional degree focussing on the challenges of social, economic, and political development and poverty alleviation. Aimed at students from the developing world and those working in international development assistance, the MDS concentrates on the nexus of development, politics and social and environmental sustainability, food and health security, disaster risk management, international assistance, state building, conflict management, gender relations and other significant issues impacting development.

Admission Requirements (Onshore):

Admission to the Masters degree is available to students who have a Bachelor degree in any area. A student's advanced standing is assessed at the time of application, taking into account level of higher study and/or professional experience.

English Competence:

English competence.

Employment Prospects:

Suitable for students looking to work in or seeking a career in any aspect of international development, in the public, private or not-for-profit sectors. Students will acquire the knowledge, skills and expertise necessary for careers in international development in a broad range of settings such as regional and international organisations, government agencies, private firms, and non-government organisations involved in development.

Advanced Standing:

Up to 12 points (0.5 years) of advanced standing is available to students who have: a Bachelor degree with a major in Development Studies or a cognate area; or a Bachelor's degree in an unrelated discipline and Level 8 Graduate Certificate or Diploma in Development Studies or equivalent; or an Honours degree or equivalent in an unrelated discipline; or a Bachelor's degree in an unrelated discipline and two years of relevant documented professional experience.

Up to 24 points (1 year) of advanced standing is available to students with an Honours Bachelor degree or equivalent in Development Studies or a cognate area; or an honours degree or equivalent in an unrelated discipline and at least two years of relevant documented professional experience.

Exemption from Coursework Regulations:

In this course, where appropriate, undergraduate units (between 100- and 400-level) have been included to meet the learning outcomes for the entire course: postgraduate students can expect to be part of a learning community with undergraduate students in these units.

Course Structure - 48 credit points

Core Units - 24 to 33 credit points

Theory - 21 credit points

SWM511 Theories of Development - 3 points
MURDOCH: S1-internal

SWM512 Working in Development - 3 points
MURDOCH: W-internal

SWM530 Politics, States and Development - 3 points
MURDOCH: S1-internal

SWM631 Development and Change - 3 points
MURDOCH: S2-internal

SWM628 Development and Sustainability - 3 points
MURDOCH: S2-internal

SWM637 Gender and Development - 3 points
MURDOCH: S1-internal

SWM644 Public Policy and International Affairs Foundations - 3 points
MURDOCH: S1-internal

Capstone Experience - 3 to 12 credit points

Select one of the following options:

EITHER

SWM618 Social Science Research Design - 3 points
MURDOCH: S1-internal

and

SWM617 Supervised Research Thesis - 6 points
MURDOCH: S1-internal, S2-internal

OR

SWM618 Social Science Research Design - 3 points
MURDOCH: S1-internal

and

SWM6171 Supervised Research Thesis - 9 points
MURDOCH: S1-internal, S2-internal
(This 12,000- to 15,000-word Thesis unit can only be taken as a thesis with the approval of the Dean of the Sir Walter Murdoch School of Public Policy and International Affairs.)

OR

SWM619 Research Internship - 6 points
MURDOCH: S1-internal, S2-internal

OR

SWM620 Advanced Policy Case Study - 3 points
MURDOCH: S1-internal, S2-internal, W-internal

Alternatively, students can enrol in ART607 In-Country Studies Indonesia - 6 points [MURDOCH: SUM-internal] during the summer period. This is an ACICIS program. Students interested in this option should consult the ACICIS Secretariat and gain approval from the Academic Chair of Development Studies.

Specified Electives - 15 to 24 credit points

Select units from the following lists:

Professional

MBS536 Financial Management Decision Making - 3 points
MURDOCH: S1-internal

MBS6411 Project Management - 3 points
MURDOCH: S1-internal

MCC687 Managing Communication - 3 points
MURDOCH: S2-internal

- MBS687 Effective Leadership - 3 points
MURDOCH: S1-internal, S1-external
- MBS655 Human Resource Management Perspectives - 3 points
MURDOCH: S1-internal, S1-external
- MBS651 Leading and Managing Nonprofit Organisations - 3 points
MURDOCH: S2-internal, S2-external
- SUS633 Disasters and Risk Management - 3 points
MURDOCH: S2-internal
- SWM621 Ethical Challenges of Contemporary Societies - 3 points
MURDOCH: S2-internal

Policy

- SWM622 Network Governance - 3 points
MURDOCH: S1-internal
- ENV616 Environmental Policy for the 21st Century - 3 points
MURDOCH: S1-internal, S1-external
- SWM626 Social Policy for the Contemporary World - 3 points
Not available this year
- SWM623 Contemporary Dynamics in Asian International Affairs - 3 points
MURDOCH: S1-internal
- SWM624 Global Trade Policy - 3 points
Not available this year
- SWM625 States and Governance in Development - 3 points
Not available this year
- SWM638 Sustainability and 'The Good Life' - 3 points
MURDOCH: S2-internal
- SWM516 Policy Research and Evaluation - 3 points
MURDOCH: S1-internal
- SWM632 International Political Economy - 3 points
MURDOCH: S2-internal
- BIO639 Biosecurity Threats and Invasions - 3 points
Not available this year
- BIO681 Biosecurity for Food Security - 3 points
Not available this year
- SWM636 Global Governance and International Institutions - 3 points
MURDOCH: S2-internal
- SWM641 E-Politics: the Internet and the Future of Power - 3 points
MURDOCH: S1-internal
- SWM642 Islamic Politics and Development - 3 points
MURDOCH: S2-internal
- SWM643 Political Violence - 3 points
MURDOCH: S2-internal
- COD505 Mining, Communities and Sustainability - 3 points
MURDOCH: S2-internal, S2-external

Language

Students may take up to two language units. Placement in language units is at the discretion of the Academic Chair, following an assessment of the student's language skills. There may be restrictions for students completing the Masters in 24 points.

Japanese

- JPN101 Japanese 1 - 3 points
MURDOCH: S1-internal
- JPN172 Japanese 1B - 6 points
Not available this year
- JPN204 Japanese IIA - 4 points

- MURDOCH: S1-internal
- JPN205 Japanese IIB - 4 points
MURDOCH: S2-internal
- JPN363 Japanese IIIA - 4 points
MURDOCH: S1-internal
- JPN364 Japanese IIIB - 4 points
MURDOCH: S2-internal

Indonesian

- IND101 Indonesian 1 - 3 points
MURDOCH: S1-internal, S1-external
- IND102 Indonesian 2 - 3 points
MURDOCH: S2-internal, S2-external
- IND261 Indonesian 2A - 4 points
MURDOCH: S1-internal, S1-external
- IND262 Indonesian 2B - 4 points
MURDOCH: S2-internal, S2-external
- IND361 Indonesian 3A - 4 points
MURDOCH: S1-internal, S1-external
- IND362 Indonesian 3B - 4 points
MURDOCH: S2-internal, S2-external

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EARLY CHILDHOOD EDUCATION

GRADUATE CERTIFICATE IN EARLY CHILDHOOD CARE AND EDUCATION (GRADCERTEARLYCHILDCARE&ED)

School of Education

Graduate Certificate in Early Childhood Care and Education (GradCertEarlyChildCare&Ed)

Course Codes: C1122

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- This course is not available to international students studying in Australia on a student visa; it is available to international students on other visas if visa conditions allow.

Restriction: All graduate courses are subject to restriction.

This course is designed for qualified early childhood teachers who wish to make early childhood education and care one of their recognised specialisations. It specifically addresses the early childhood years 0-3.

Admission Requirements (Onshore):

Recognised four year Early Childhood Teaching Qualification. Students will need to consider the teaching regulations for their jurisdiction.

Co-requisite: Internet access.

English Competence:

English competence.

Special Requirements:

Placement in the practicum component of the Graduate Certificate will require that students obtain Police Clearance through the WA Department of Education. Students should refer to the Study at Murdoch section of this handbook for details on this essential requirement. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children. These checks are a national check to identify those who have a criminal history which indicates they may harm children. The appropriate application form

is available from the Murdoch University School of Education Professional Experience Office, or the WA Department of Education website. Federal and state police clearances obtained through police stations are not acceptable.

Employment Prospects:

Early childhood education and care 0 - 3 years.

Further Study:

Students who successfully complete the Graduate Certificate may apply for admission to the Graduate Diploma in Education Studies or the Graduate Diploma in Early Childhood and Care.

Course Structure - 12 credit points

Core Units - 12 credit points

EDN537 Babies and Toddlers Growing and Learning - 3 points
MURDOCH: S1-external

EDN538 Designing Early Childhood Learning Environments - 3 points
MURDOCH: S2-external

EDN566 Pedagogies for Literacy and Numeracy in the Early Years - 3 points
MURDOCH: S1-external

EDN539 Professional Experience in Early Learning Centres - 3 points
MURDOCH: ST2-placement, ST4-placement
ROCKINGHAM: ST2-placement, ST4-placement

GRADUATE CERTIFICATE IN EARLY CHILDHOOD EDUCATION (GRADCERTEARLYCHILDED)

School of Education

Graduate Certificate in Early Childhood Education (GradCertEarlyChildEd)

Course Codes: C1046

Duration: 2 to 4 semesters part-time

Availability:

- Murdoch campus (internal)
- Murdoch campus (external) (except for school experiences)
- Some units only: Rockingham campus (internal)

Restriction: All graduate courses are subject to restriction.

This course is designed for qualified primary teachers who wish to make early childhood education one of their recognised specialisations. It specifically addresses the early childhood years K to 3.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher, or equivalent training. Students who are not qualified teachers but have had at least two years of full-time recent, relevant and satisfactory teaching experience may seek admission to the Certificate, but should note that the course does not constitute an initial teaching qualification.

English Competence:

English competence.

Special Requirements:

All students must have current criminal history clearances for placement in the practicum component of the Graduate Certificate.

The first is a current WA Department of Education Criminal Record check. The second is a Working with Children Check. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children.

The appropriate application forms are available from the School of Education Professional Experience Office. The form for the first check is also available from the School of Education Professional Experience website and the WA Department of Education website. Federal and State police clearances obtained through police stations are not acceptable. Students should refer to the Study at Murdoch section of this Handbook for further details on this important matter.

Further Study:

Students who successfully complete the Graduate Certificate may apply for admission to the Graduate Diploma in Education Studies or the Graduate Diploma in Early Childhood and Care.

Course Structure - 12 credit points

Core Units - 9 credit points

EDN5100 Professional Experience: Postgraduate - 3 points
MURDOCH: ST2-placement, ST3-placement
This unit is to be completed in the final semester of study.

EDN520 Advanced Principles and Practices in Early Childhood Education - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN522 Integrated Early Childhood Curriculum for Educators - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

Specified Electives - 3 credit points

Select from the following:

EDN537 Babies and Toddlers Growing and Learning - 3 points
MURDOCH: S1-external

EDN512 Critical Perspectives in Early Childhood Education - 3 points
MURDOCH: S2-external

EDN538 Designing Early Childhood Learning Environments - 3 points
MURDOCH: S2-external

EDN566 Pedagogies for Literacy and Numeracy in the Early Years - 3 points
MURDOCH: S1-external

Some students may have already completed some of the above units or their equivalents. Exemptions may be obtained for units already completed, in which case students should substitute from the list of Education Studies units. Applications for exemption should be submitted to the Accreditation Officer.

GRADUATE DIPLOMA IN EARLY CHILDHOOD CARE AND EDUCATION (GRADDIPEARLYCHILDCARE&ED)

School of Education

Graduate Diploma in Early Childhood Care and Education (GradDipEarlyChildCare&Ed)

Course Codes: G1066

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)
- This course is not available to international students studying in Australia on a student visa; it is available to international students on other visas if visa conditions allow.

Restriction: All graduate courses are subject to restriction.

This course is designed for qualified primary teachers who wish to make early childhood education and care one of their recognised specialisations. The course qualifies teachers to work with children from birth through to kindergarten and pre primary.

Admission Requirements (Onshore):

Recognised four-year Primary or Early Childhood Teaching Qualification. Students will need to consider the teaching regulations for their jurisdiction.

English Competence:

English competence.

Special Requirements:

Placement in the practicum component will require that students obtain Police Clearance through the WA Department of Education. Students should refer to the Study at Murdoch section of this handbook for details on this essential requirement. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children. These checks are a national check to identify those who have a criminal history which indicates they may harm children. The appropriate application form is available from the Murdoch University School of Education Professional Experience Office, or the WA Department of Education website. Federal and state police clearances obtained through police stations are not acceptable.

Internet access is required for all students.

Employment Prospects:

Early childhood education and care professional. Childcare centre director, Early Childhood Teacher.

Course Structure - 24 credit points

Core Units - 24 credit points

EDN538 Designing Early Childhood Learning Environments - 3 points
MURDOCH: S2-external

EDN520 Advanced Principles and Practices in Early Childhood Education - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN537 Babies and Toddlers Growing and Learning - 3 points
MURDOCH: S1-external

EDN539 Professional Experience in Early Learning Centres - 3 points
MURDOCH: ST2-placement, ST4-placement
ROCKINGHAM: ST2-placement, ST4-placement

EDN5100 Professional Experience: Postgraduate - 3 points
MURDOCH: ST2-placement, ST3-placement

EDN522 Integrated Early Childhood Curriculum for Educators - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

EDN566 Pedagogies for Literacy and Numeracy in the Early Years - 3 points
MURDOCH: S1-external

EDN512 Critical Perspectives in Early Childhood Education - 3 points
MURDOCH: S2-external

EDUCATION

GRADUATE CERTIFICATE IN INTERNATIONAL EDUCATION IN SCHOOLS (GRADCERTINTED)

School of Education

Graduate Certificate in International Education in Schools (GradCertIntEd)
Course Codes: C1104

Duration: 1 to 2 semesters part-time (depending on unit selection)

Availability:

- Some units only: Murdoch campus (internal)
- Some units only: Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

This course is designed for teaching professionals. It introduces the history and development of International Education as a field of study. It explores the conceptualisation of international mindedness and the trend to internationalise curriculum. It examines and critiques a range of international curriculum models and practices, and introduces the essential elements of the International Baccalaureate (IB) suite of programmes: Primary Years Programme, Middle Years Programme and Diploma Programme. Students develop a Teaching Portfolio throughout the course (exit product) and commit to field experience opportunities in IB schools. The course is authorised and aligned to the IB Certificate in Teaching and Learning

Admission Requirements (Onshore):

Recognised qualification as an Early Childhood Education, Primary or Secondary teacher. For example: Bachelor of Education, Diploma of Education, Graduate Diploma of Education, or equivalent.

Applicants will also need to have relevant current criminal record checks, and be registered with their local teacher registration body, e.g. the Teacher Registration Board.

English Competence:

English competence.

Special Requirements:

This course requires field experience in IB schools, meetings with IB teachers and research into IB (for non-IB experienced teachers). The field experience will occur throughout the three units that comprise the certificate.

Students are therefore required to have the following set of clearances before the start of the course:

1. WA Department of Education Criminal Record check.
2. Working with Children Check. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children.

The appropriate application forms are available from the Murdoch University School of Education Professional Experience Office. The form for the first check is also available from the office's website and the WA Department of Education website. Federal and State police clearances obtained through police stations are not acceptable. Students should refer to the Study at Murdoch section of this Handbook for further details on this important matter.

3. Registration with a governing body, such as the Teacher Registration Board. to confirm eligibility to work in their local setting.

If the field experience is undertaken out of Western Australia, the equivalent criminal record checks and registrations must be obtained.

Employment Prospects:

International Baccalaureate schools throughout the world. Schools internationalising the curriculum.

Professional Recognition:

This course has been authorised by the International Baccalaureate (IB). On completion, students will be eligible to receive a Certificate of Teaching and Learning from the International Baccalaureate - <http://www.ibo.org/programmes/pd/award>

Core Unit:

EDN513 International Education: Issues and Practices in Schools is only offered as an intensive 5-day, on-campus component. In addition it includes field experience in an International Baccalaureate (IB) school for those non-IB experienced teachers. Students not currently working in an IB school will be provided access to local authorised IB schools.

Further Study:

Students who successfully complete the Postgraduate Certificate may apply for admission to the Master of Education (Coursework) and on completion receive the IB Advanced Certificate of Teaching and Learning.

Course Structure - 12 credit points**Core Units - 6 to 9 credit points**

A student with IB experience must do 6 points of Core Units: EDN513 International Education: Issues and Practices in Schools - 3 points

and

EDN518 Professional Development Portfolio - 3 points and then select two Specified Elective units (6 points).

A student with no IB experience will need to complete 9 points of Core Units:

EDN513 International Education: Issues and Practices in Schools - 3 points

and

EDN570 Professional and Action Learning Project - 6 points and one Specified Elective unit (3 points).

EDN513 International Education: Issues and Practices in Schools - 3 points

MURDOCH: SB6-internal, SP3-internal

All students enrol in this unit. Non IB-experienced teachers are required to complete this unit before any Elective units.

EDN518 Professional Development Portfolio - 3 points

MURDOCH: S1-external

Only experienced IB teachers should enrol in this unit as a Core Unit.

EDN570 Professional and Action Learning Project - 6 points

MURDOCH: S2-external

Only non-IB experienced teachers should enrol in this unit as a Core Unit.

Specified Electives - 3 to 6 credit points

Select from the following:

EDN527 Development and Education - 3 points

MURDOCH: S1-external

EDN546 Dynamics of Cultural Diversity in the Workplace and the Community - 3 points

MURDOCH: S1-internal

EDN509 Inclusive Education: Contemporary Perspectives and Practices - 3 points

MURDOCH: S1-external

EDN516 Teaching Second/Foreign Languages - 3 points

MURDOCH: S1-internal, S1-external

GRADUATE DIPLOMA IN EDUCATION (PRIMARY) (GRADDIPED)

School of Education

Graduate Diploma in Education (GradDipEd) (Primary)

Course Codes: G1023

Duration: 1 year full-time or part-time equivalent with a summer commencement. Students commencing mid-year will need 1.5 years minimum enrolment to complete requirements.

Availability:

- Murdoch campus (internal)
- Murdoch campus (external) (except for one school experience and a one week intensive for EDN227)

Restriction: Enrolment in this course is subject to restriction.

The Graduate Diploma in Education (GradDipEd) is a one-year full-time initial teaching qualification for graduates who hold a Bachelor's degree in some non-Education field relevant to primary teacher education. It offers graduates a professional preparation for teaching in primary schools, or for a wide range of other careers with an education focus.

For Primary Teacher Education students, an undergraduate degree appropriate to primary education is required and in some Australian States and Territories, employers expect certain subjects to be included in the undergraduate degrees of primary teachers who qualify through the Graduate Diploma route. Students may wish to seek advice on this from the state in which they intend to work.

Admission Requirements (Onshore):

Recognised and appropriate Bachelor's degree or higher.

English Competence:

English competence.

Special Requirements:

The WA Department of Education and cooperating non-government schools have the right to determine 'fit and proper persons' to enter and practice in schools. This means all students must obtain two criminal history checks.

The first is a current WA Department of Education Criminal History Record check. The second is a Working with Children Check. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children.

The appropriate application forms are available from the Professional Experience Office. The form for the first check is also available from the MUSE website and the WA Department of Education website. Federal and State police clearances obtained through police stations are not acceptable. Students should refer to the Study at Murdoch section of this Handbook for further details on this important matter.

It is important to understand that these two checks are mandatory and students are not permitted to enter schools without obtaining them.

For students with English as a second language the Teacher Registration Board requires an IELTS of 8 on graduation.

Students should note that both internal and external GradDipEd students take EDN1121 Understanding Teachers' Work in the Summer option, which is an intensive 3-point version held on campus in the four-week period immediately prior to the commencement of Semester 1.

Employment Prospects:

Murdoch graduates are employed in government and

non-government schools and other education related occupations throughout the world. Students should note, however, that some Australian states require a minimum of two years of professional pre-service education.

Exemptions from Professional Experience and Other Units:

Students who have been employed as a teacher and have had at least one year of full-time equivalent recent, relevant and satisfactory teaching experience in an Australian school context may seek exemption from the Professional Experience component of EDN1121 Understanding Teachers' Work.

Students who have had at least two years of full-time recent, relevant and satisfactory teaching experience in an Australian school context may seek partial exemption from Professional Experience. Whilst Murdoch recognises that some students may have prior and/or current teaching experience, it requires that a student's classroom competence be assessed before exemptions from Professional Experience can be given.

Some students may have completed one or more of the required units in their previous studies. Such students may also seek exemption from the unit.

Students cannot receive exemption from Professional Internship units but those who are exempt from Professional Experience and are also currently employed in relevant teaching positions may seek permission to complete Professional Internship units in their school. Students should contact the Murdoch University School Experience Office.

All applications for exemption must be directed to the Accreditation Officer.

If seeking uncredentialed credit, students must submit a case in writing, with supporting documentary evidence to explain how the outcomes of units have already been achieved through prior experience.

Study Options:

Students taking the Graduate Diploma in Education (Primary) are advised that the student contribution liability for these courses is commensurate with the load for these courses: viz 1.25 that of a normal 24-point load.

External Study:

Not all required units in this course are offered completely externally. Some are offered as intensive sessions on campus or in Perth metropolitan schools.

a) GradDipEd students take EDN1121 Understanding Teachers' Work in the Summer option, which is an intensive 3-point version held on campus in the four-week period immediately prior to the commencement of Semester. This unit is a prerequisite for the curriculum and Professional Experience units beginning in Semester 1.

b) External students must undertake the first Professional Experience unit in a Perth metropolitan school under the guidance of a Murdoch University Supervisor. Subject to satisfactory completion of this unit, students may negotiate with the Murdoch University School Experience Office to complete their subsequent Professional Experience in a school other than in metropolitan Perth. Note: EDN112/EDN1121 is not included as a first Professional Experience unit for this purpose.

c) For external students in the Primary Graduate Diploma, on-campus attendance is also required for a one-week intensive workshop for EDN227 Teaching Arts and HPE in Primary Schools.

Course Structure - 30 credit points

Students must complete EDN1121 Understanding Teachers' Work in an intensive on-campus session held in the four-week period immediately prior to the commencement of Semester 1. It must be completed successfully before commencing the Primary Curriculum or Professional Experience units, which begin in Semester 1.

Students enrolled full-time must complete EDN331 Schooling and Society in Semester 1.

Part-time students may choose between EDN331 Schooling and Society - 3 points in Semester 1 or EDN332 Children, Families and Communities - 3 points in Semester 2.

Part-time and external students should enrol concurrently in EDN2231 Teaching English and Literacy in Primary Schools and EDN3331 Teaching Mathematics in Primary Schools and EDN2151 Professional Experience: Primary Graduate.

Students should complete EDU291 Professional Internship Prelim: Primary GradDipEd and EDU292 Professional Internship: Primary GradDipEd in the last semester of their final year.

Core Units - 30 credit points

EDN1121 Understanding Teachers' Work - 3 points
MURDOCH: UA2-internal

EDN245 Learning and Assessment Processes - 3 points
MURDOCH: S1-internal, S1-external

EDN2231 Teaching English and Literacy in Primary Schools - 3 points
MURDOCH: S1-internal, S1-external
This unit was previously EDU2821 Primary Curriculum I (English).

EDN3331 Teaching Mathematics in Primary Schools - 3 points
MURDOCH: S1-internal, S1-external

EDU2861 Primary Curriculum IV (Society and Environment, Science) - 3 points
MURDOCH: S1-internal, S1-external

EDN331 Schooling and Society - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

OR

EDN332 Children, Families and Communities - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

EDN227 Teaching Arts and HPE in Primary Schools - 2 points
MURDOCH: SP21-internal, SP21-external
This unit was previously EDU217 Primary Curriculum IIB.

EDN2151 Professional Experience: Primary Graduate - 2 points
MURDOCH: ST2-placement

EDN3341 Inclusive Education - 2 points
MURDOCH: S2-external
This unit was previously EDU3801 Inclusive Education.

EDU291 Professional Internship Prelim: Primary GradDipEd - 2 points
MURDOCH: ST1-placement, ST3-placement

EDU292 Professional Internship: Primary GradDipEd - 4 points
MURDOCH: ST2-external, ST3-internal, ST3-external

Note: EDN3162 Second/Foreign Languages and the Curriculum - 3 points [MURDOCH: S1-internal, S1-external] may replace EDN331 Schooling and Society for students who have adequate knowledge of a language other than English (LOTE) or who are interested in working with students for whom English is a second language.

GRADUATE DIPLOMA IN EDUCATION (SECONDARY) (GRADDIPED)

School of Education

Graduate Diploma in Education (GradDipEd) (Secondary)

Course Codes: G1024

Duration: 1 year full-time or part-time equivalent with a summer commencement. Students commencing mid-year will need 1.5 years minimum enrolment to complete requirements.

Availability:

- Murdoch campus (internal)
- Murdoch campus (external) (except for one school experience and depending on teaching area selected)

Restriction: Enrolment in this course is subject to restriction.

The Graduate Diploma in Education (GradDipEd) is a one-year full-time initial teaching qualification for graduates who hold a Bachelor's degree in some non-Education field relevant to teaching. It offers graduates a professional preparation for teaching in secondary schools or for a wide range of other careers with an education focus.

For Secondary Teacher Education students, the undergraduate degree must be relevant to one of the following learning areas in secondary schools: English, Drama, Media, Society and Environment, Science, Mathematics, Languages Other Than English (LOTE), English as a Second Language (ESL), or Health and Physical Education (HPE).

Admission Requirements (Onshore):

Recognised and appropriate Bachelor's degree or higher; the degree must be relevant to one of the learning areas offered at Murdoch.

English Competence:

English competence.

Special Requirements:

The WA Department of Education and cooperating non-government schools have the right to determine 'fit and proper persons' to enter and practice in schools. This means all students must obtain two criminal history checks.

The first is a current WA Department of Education Criminal History Record check. The second is a Working with Children Check. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children.

The appropriate application forms are available from the Professional Experience Office. The form for the first check is also available from the MUSE website and the WA Department of Education website. Federal and State police clearances obtained through police stations are not acceptable. Students should refer to the Study at Murdoch section of this Handbook for further details on this important matter.

It is important to understand that these two checks are mandatory and students are not permitted to enter schools without obtaining them.

For students with English as a second language the Teacher Registration Board requires an IELTS of 8 on graduation.

Students should note that both internal and external GradDipEd students take EDN1121 Understanding Teachers' Work in the Summer option, which is an intensive 3-point version held on campus in the four-week period immediately prior to the commencement of Semester 1.

Employment Prospects:

Murdoch graduates are employed in government and non-government schools and other education related occupations throughout the world. Students should note, however, that some Australian states require a minimum of two years of professional pre-service education.

Exemptions from Professional Experience and Other Units:

Students who have been employed as a teacher and have had at least one year of full-time equivalent recent, relevant and satisfactory teaching experience in an Australian school context may seek exemption from the Professional Experience component of EDN1121 Understanding Teachers' Work.

Students who have had at least two years of full-time recent, relevant and satisfactory teaching experience in an Australian school context may seek partial exemption from Professional Experience. Whilst Murdoch recognises that some students may have prior and/or current teaching experience, it requires that a student's classroom competence be assessed before exemptions from Professional Experience can be given.

Some students may have completed one or more of the required units listed below in their previous studies. Such students may also seek exemption from the unit.

Students cannot receive exemption from Professional Internship units but those who are exempt from Professional Experience and are also currently employed in relevant teaching positions may seek permission to complete Professional Internship units in their school. Students should contact the Murdoch University School of Education Professional Experience Office.

All applications for exemption must be directed to the Accreditation Officer.

If seeking uncredentialed credit, students must submit a case in writing, with supporting documentary evidence to explain how the outcomes of units have already been achieved through prior experience.

Study Options:

Students taking the Graduate Diploma in Education (Primary or Secondary) are advised that the student contribution liability for these courses is commensurate with the load for these courses: viz 1.25 that of a normal 24-point load.

External Study:

Not all required units in this course are offered completely externally. Some are offered as intensive sessions on campus or in Perth metropolitan schools.

a) GradDipEd students take EDN1121 Understanding Teachers' Work in the Summer option, which is an intensive 3-point version held on campus in the four-week period immediately prior to the commencement of Semester. This unit is a prerequisite for the curriculum and Professional Experience units beginning in Semester 1.

b) External students must undertake the first Professional Experience unit in a Perth metropolitan school under the guidance of a Murdoch University Supervisor. Subject to satisfactory completion of this unit, students may negotiate with the School Experience Office to complete their subsequent Professional Experience in a school other than in metropolitan Perth. Note: EDN112/EDN1121 is not included as a first Professional Experience unit for this purpose.

Course Structure - 30 credit points

Students must complete EDN1121 Understanding Teachers' Work in an intensive on-campus session held in the four-week period

immediately prior to the commencement of Semester 1. It must be completed successfully before commencing the Secondary Curriculum or School Experience units, which begin in Semester 1.

Students should have completed all course requirements including their Curriculum Major, Curriculum Minor and EDN2161 Professional Experience: Secondary Graduate Diploma prior to enrolling in EDU293 Professional Internship Prelim: Secondary GradDipEd and EDU297 Professional Internship: Secondary GradDipEd. Students should complete EDU293 Professional Internship Prelim: Secondary GradDipEd and EDU297 Professional Internship: Secondary GradDipEd in their last semester of study.

Core Units - 26 credit points

EDN1121 Understanding Teachers' Work - 3 points
MURDOCH: UA2-internal

EDN224 Education for Social Justice: Bridging the Gap - 4 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN245 Learning and Assessment Processes - 3 points
MURDOCH: S1-internal, S1-external

EDN2161 Professional Experience: Secondary Graduate Diploma - 2 points
MURDOCH: ST2-placement
ROCKINGHAM: ST2-placement

EDN3341 Inclusive Education - 2 points
MURDOCH: S2-external

EDU293 Professional Internship Prelim: Secondary GradDipEd - 2 points
MURDOCH: ST1-placement, ST3-placement
ROCKINGHAM: ST3-placement

EDU297 Professional Internship: Secondary GradDipEd - 4 points
MURDOCH: ST2-external, ST3-internal, ST3-external
ROCKINGHAM: ST3-external

Curriculum Major

Select one of the following units as a Curriculum major:

EDN412 Drama and the Curriculum (Secondary) (Major) - 4 points
MURDOCH: S1-internal, S1-external

EDN413 English and the Curriculum (Secondary) (Major) - 4 points
MURDOCH: S1-internal, S1-external

EDN414 Mathematics and the Curriculum (Secondary) (Major) - 4 points
MURDOCH: S1-internal, S1-external

EDN415 Media and the Curriculum (Major) - 4 points
MURDOCH: S1-internal, S1-external

EDN416 Second/Foreign Languages and the Curriculum (Major) - 4 points
MURDOCH: S1-internal, S1-external

EDN417 Science and the Curriculum (Secondary) (Major) - 4 points
MURDOCH: S1-internal, S1-external

EDN418 Society and Environment Curriculum (Secondary) (Major) - 4 points
MURDOCH: S1-internal, S1-external

EDN419 Health and Physical Education and the Curriculum (Major) - 4 points
MURDOCH: S1-internal
ROCKINGHAM: S1-internal

Curriculum Minor

Students may select as a Curriculum minor one of the following units for which they have completed the prerequisites; it must be different to their Major area:

EDN312 Drama and the Curriculum (Secondary) (Minor) - 2 points

MURDOCH: S1-internal, S1-external

EDN313 English and the Curriculum (Secondary) (Minor) - 2 points
MURDOCH: S1-internal, S1-external

EDN314 Mathematics and the Curriculum (Secondary) (Minor) - 2 points
MURDOCH: S1-internal, S1-external, S2-external

EDN315 Media and the Curriculum (Minor) - 2 points
MURDOCH: S1-internal, S1-external

EDN316 Second/Foreign Languages and the Curriculum (Minor) - 2 points
MURDOCH: S1-internal, S1-external

EDN317 Science and the Curriculum (Secondary) (Minor) - 2 points
MURDOCH: S1-internal, S1-external

EDN318 Society and Environment Curriculum (Secondary) (Minor) - 2 points
MURDOCH: S1-internal, S1-external

Students who do not have enough content background to select one of the above Minors may enrol in EDN334 Inclusive Education - 4 points [MURDOCH: S2-internal, S2-external; ROCKINGHAM: S2-internal] in lieu of EDN3341 Inclusive Education - 2 points, or substitute with one of the following units:

EDN205 ICT in the Classroom - 4 points
MURDOCH: S2-external

EDN260 Learning through the Arts - 4 points
Not available this year

Students may use some of their Specified Elective points to replace their Minor with a second Major, provided they have the required background. Please seek advice from the Academic Chair (Secondary).

Specified Electives - 4 credit points

Select from the following:

EDN300 Learning and Teaching in Educational Communities - 4 points
MURDOCH: ST1-placement, ST2-placement, ST3-placement, ST4-placement
ROCKINGHAM: ST1-placement, ST2-placement, ST3-placement, ST4-placement

MCC321 Children and the Media - 4 points
Not available this year

EDN205 ICT in the Classroom - 4 points
MURDOCH: S2-external

EDN404 Proficiency Development within the Teaching and Learning of Additional Languages - 4 points
Not available this year

EDN260 Learning through the Arts - 4 points
Not available this year

EDN398 Science Communication - 4 points
Not available this year

EDN214 Thinking Mathematically for Teachers - 4 points
MURDOCH: S1-external, S2-internal, S2-external

SOC222 Social Research Methods - 4 points
MURDOCH: S1-internal, S1-external

THE246 Teaching Religion in Schools - 4 points
Not available this year

EGL213 Children's Theatre - 4 points
MURDOCH: S1-internal

EDN363 Aboriginal Perspectives Across the Curriculum - 4 points
Not available this year

EDN546 Dynamics of Cultural Diversity in the Workplace and the Community - 3 points
MURDOCH: S1-internal

EDN540 Facilitating Lifelong Learning - 6 points
MURDOCH: S1-internal, S1-external

EDN524 Critical Pedagogy: Gender, Race and Social Class in Education - 3 points
Not available this year

EDN320 Principles and Practices in Early Childhood Education - 4 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN347 Collaborative Learning and Motivation - 4 points
Not available this year

EDN303 Indonesian Language Teachers Immersion - 4 points
MURDOCH: SUM-external

MASTER OF EDUCATION (COURSEWORK) (MED)

School of Education

Master of Education (MEd)

Course Codes: M1208

Duration: 1.5 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

This is a three semester coursework degree designed to provide the education profession and the community in general with leaders capable of addressing critical issues in educational practice, policy and research. It is designed for: teachers, educational administrators, and other education professionals who seek to extend and deepen their expertise in Education; professionals carrying out educational duties in other relevant fields who seek professional development and renewal; and those planning to proceed to the Doctor of Education.

Students undertake a research-based project of 6 points and 30 points of coursework: a total of 10 units including the project. This is a coursework-classified course and it can be completed in internal or external mode or a combination of modes.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher, or equivalent training, and a graduate-entry course in Education requiring at least a half year of full-time study, or part-time equivalent,
OR three-year Bachelor of Arts in Education.
OR individual applications to be considered on a case-by-case basis. Applicants will need to demonstrate that experience gained in any studies and or professional experience has provided them with the knowledge and skills to undertake the Master of Education.

Applicants with a recognised Bachelor's degree or higher, or equivalent qualification, and a graduate-entry course in Education requiring at least a half year of full-time study, or part-time equivalent, may be eligible for advanced standing of up to 12 points.

Participants applying for credit for professional workplace learning or work completed through accredited professional development courses or continuing education should contact the Academic Chair for advice. Credit may also be granted for Masters-level units completed in other courses at Murdoch or at other higher education institutions.

English Competence:

International students demonstrating English competence via IELTS need a score of 6.5, with no individual band less than 6.0.

Nested Awards:

Students can opt out of the MEd and exit with the Graduate Certificate in Gifted and Talented Education, the Graduate Certificate in Inclusive Education or the Graduate Certificate in International Education in Schools subject to satisfying the course requirements.

Course Structure - 36 credit points

A minimum of 24 credit points must be at 600 level.

Core Units - 12 credit points

Project Unit - 6 credit points

Students should normally complete the Master of Education Project during their final semester of enrolment.

EDU660 Education Project - 6 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Research Methods Unit - 6 credit points

Students who already have a background in research methods should consult the Academic Chair.

EDU610 Introduction to Research for Educators - 6 points
MURDOCH: S1-internal, S1-external, S2-external

Specified Electives - 24 credit points

Select from the following units in consultation with the Academic Chair, with a maximum of 12 points at 500 level.

EDU645 Adult Learning in Education and Work - 3 points
MURDOCH: S2-external

EDU658 Critical Policy Analysis and Teachers' Work - 3 points
MURDOCH: S2-internal, S2-external

EDU616 Teaching, Learning and Working in Culturally Diverse Environments - 3 points
MURDOCH: S1-internal, S1-external

EDU620 Curriculum Leadership - 3 points
MURDOCH: S2-external

EDU615 Learning and Teaching with ICT - 3 points
MURDOCH: S2-external

EDU647 Promoting Learners' Creativity, Critical Thinking and Self-Regulation - 3 points
Not available this year

EDU664 Reading through Multiliteracies - 3 points
MURDOCH: S1-internal, S1-external

EDU661 Student Engagement and Community Learning - 3 points
MURDOCH: S1-external

EDN526 Contemporary Issues in Gifted and Talented Education - 3 points
MURDOCH: SP23-internal

EDN512 Critical Perspectives in Early Childhood Education - 3 points
MURDOCH: S2-external

EDN527 Development and Education - 3 points
MURDOCH: S1-external

EDN546 Dynamics of Cultural Diversity in the Workplace and the Community - 3 points
MURDOCH: S1-internal

EDN529 Education Provision for Gifted and Talented Students - 3 points

MURDOCH: SP17-internal

EDU650 Environmental Education for Sustainability - 3 points
MURDOCH: S2-internal, S2-external

MBS687 Effective Leadership - 3 points
MURDOCH: S1-internal, S1-external

EDN588 Curriculum Development for Practitioners - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

EDN571 Mentoring - 3 points
Not available this year

EDN518 Professional Development Portfolio - 3 points
MURDOCH: S1-external

EDN513 International Education: Issues and Practices in Schools - 3 points
MURDOCH: SB6-internal, SP3-internal

EDN509 Inclusive Education: Contemporary Perspectives and Practices - 3 points
MURDOCH: S1-external

EDU604 Different Englishes and Interpretations of Language, Culture and Identity - 3 points
MURDOCH: S2-internal, S2-external

EDN575 Opportunities with e-learning - 3 points
Not available this year

EDN570 Professional and Action Learning Project - 6 points
MURDOCH: S2-external

EDU637 Program Evaluation - 3 points
MURDOCH: S1-external

EDN544 Tertiary and Adult Education Policy - 3 points
MURDOCH: S2-internal, S2-external

EDN603 Indonesian Language Teachers Immersion - 3 points
Not available this year

EDN538 Designing Early Childhood Learning Environments - 3 points
MURDOCH: S2-external

EDN539 Professional Experience in Early Learning Centres - 3 points
MURDOCH: ST2-placement, ST4-placement
ROCKINGHAM: ST2-placement, ST4-placement

EDN537 Babies and Toddlers Growing and Learning - 3 points
MURDOCH: S1-external

EDN566 Pedagogies for Literacy and Numeracy in the Early Years - 3 points
MURDOCH: S1-external

EDN522 Integrated Early Childhood Curriculum for Educators - 3 points
MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

EDN520 Advanced Principles and Practices in Early Childhood Education - 3 points
MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

EDN525 Australian Indigenous Education - 3 points
MURDOCH: S1-internal, S1-external

EDN524 Critical Pedagogy: Gender, Race and Social Class in Education - 3 points
Not available this year

EDN506 Gifted Students with Diverse Learning Needs - 3 points
MURDOCH: S1-external

EDN540 Facilitating Lifelong Learning - 6 points
MURDOCH: S1-internal, S1-external

MASTER OF EDUCATION (COURSEWORK) (OFFSHORE) (MED)

School of Education

Master of Education (MEd)

Course Codes: M1198

Duration: 1.5 years full-time or part-time equivalent

Availability:

- Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)

Restriction: All graduate courses are subject to restriction.

This is a three semester coursework degree designed to provide the education profession and the community in general with leaders capable of addressing critical issues in educational practice, policy and research. It is designed for: teachers, educational administrators, and other education professionals who seek to extend and deepen their expertise in Education; professionals carrying out educational duties in other relevant fields who seek professional development and renewal; and those planning to proceed to the Doctor of Education.

Students undertake a research-based project of 6 points and 30 points of coursework: a total of 10 units including the project. This is a coursework-classified course and it can be completed in internal or external mode or a combination of modes.

Admission Requirements (Offshore):

Recognised Bachelor's degree or higher, or equivalent training, and a graduate-entry course in Education requiring at least a half year of full-time study, or part-time equivalent,
OR a recognised Bachelor of Education or higher, or equivalent training, requiring at least four years of full-time study, or part-time equivalent,
OR individual applications to be considered on a case-by-case basis.

Applicants with a three-year Bachelor of Arts in Education may be accepted. Applicants will need to demonstrate that experience gained in the BA and any subsequent studies and or professional experience has provided them with the knowledge and skills to undertake the Master of Education.

Participants may apply for credit for professional workplace learning or work completed through accredited professional development courses or continuing education. Credit may also be granted for Masters-level units completed in other courses at Murdoch or at other higher education institutions.

English Competence:

International students demonstrating English competence via IELTS need a score of 6.5, with no individual band less than 6.0.

Nested Awards:

Students can opt out of the MEd and exit with the Graduate Certificate in Gifted and Talented Education, the Graduate Certificate in Inclusive Education or the Graduate Certificate in International Education in Schools subject to satisfying the course requirements.

Course Structure - 36 credit points

A minimum of 24 credit points must be at 600 level.

Core Units - 8 credit points

Project Unit - 4 credit points

EDU600 Education Project - 4 points
DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal

Students should normally complete the Master of Education

Project during their final semester of enrolment.

Research Methods Unit - 4 credit points

Students who already have a background in research methods should consult the Academic Chair.

EDU603 Introduction to Research for Educators - 4 points
DUBAI-ISC: TJD-internal, TSD-internal

Specified Electives - 28 credit points

Select from the following:

EDU646 Cultural Diversity in Learning and Working - 4 points
DUBAI-ISC: TJD-internal

EDU617 Learning and Teaching with ICT - 4 points
DUBAI-ISC: TSD-internal

MBS671 Effective Leadership - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TSP-internal

EDU688 Curriculum Development for Practitioners - 4 points
DUBAI-ISC: TJD-internal

EDU671 Mentoring - 4 points
DUBAI-ISC: TMD-internal

EDU618 Professional Development Portfolio - 4 points
DUBAI-ISC: TMD-internal

EDU613 International Education: Issues and Practices in Schools - 4 points
DUBAI-ISC: TMD-internal

ENERGY AND THE ENVIRONMENT

GRADUATE DIPLOMA IN ENERGY AND THE ENVIRONMENT (GRADDIPENENV)

School of Engineering and Information Technology

Graduate Diploma in Energy and the Environment (GradDipEnEnv)

Course Codes: G1062

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

This diploma is intended to provide postgraduate training for Australian and international professionals working, or wishing to work, in the field of environmental management of the energy industry. The course is interdisciplinary in nature, consisting of units drawn from the areas of energy studies and environmental impact assessment. The objective of the course is to provide students with an understanding of the policy context of energy systems, the environmental impacts associated with these systems, and their assessment and subsequent monitoring. The course will be relevant to consultants wishing to practice in this field and to people employed by various private and public organisations that are active in the energy and environment area. It contains a specialisation in Climate Science and Global Warming which is directed towards addressing the impacts of global warming and the development of mitigation and adaptation methods.

The course is directed to the interface between energy studies and environmental impact assessment and assumes some prior knowledge. Students can complete the course with a focus upon the policy and/or the scientific aspects of the environmental management of the energy industry.

Admission Requirements (Onshore):

Recognised Bachelor's degree (AQF Level 7) or higher, or equivalent training, or professional experience in a related area.

Some of the units taken assume some prior knowledge, details of which are given in the description of each unit in the Handbook. The most common of these is the Physics prerequisite for units such as Energy in Society, Energy Management, Energy Systems and Energy Efficient Buildings. Some students may therefore need to complete additional prerequisite units.

English Competence:

English competence.

Special Requirements:

This course is available to external students anywhere in the world who wish to study off campus by using printed and Internet facilities. Assistance is provided by tutors, using telephone, email, or the Internet. When studied in the external mode, some attendance may be required for some Environmental Science units.

Employment Prospects:

Graduates can expect to gain employment in power generation companies, renewable energy manufacturing and installation companies, international aid organisations, government departments, energy efficiency and environmental consultancies, university and private industry research organisations.

Main Research Areas:

Renewable energy, remote area power supply systems, components and monitoring, energy management, solar cells, wind turbines, energy policy and economics, environmental impact assessment.

Further Study:

Students who successfully complete the Graduate Diploma may apply for admission to the MSc in Environmental Science or the MSc in Renewable Energy.

Energy, Environment and Sustainability Specialisation

Course Structure - 24 credit points

Core Units - 4 credit points

PEC592 Energy in Society - 4 points
MURDOCH: S1-internal, S1-external, S2-external, Y-external
KAPLAN-SGP: TJA-internal

Specified Electives - 20 credit points

Energy Studies Units - 8 to 12 credit points

Select from the following:

PEC594 Energy Management - 4 points
MURDOCH: S1-internal, S1-external, S2-external, Y-external

PEC590 Energy Systems - 4 points
MURDOCH: S2-internal, S2-external, Y-external

PEC591 Energy Policy - 4 points
MURDOCH: S2-internal, S2-external, Y-external

PEC593 Energy Economics - 4 points
MURDOCH: H-external, S1-internal, S1-external

PEC632 Greenhouse Science and Policy - 4 points
MURDOCH: H-external, S1-internal, S1-external

PEC670 Energy Efficient Buildings - 4 points
MURDOCH: S1-internal, S1-external

PEC675 Environmental Building Services - 4 points
MURDOCH: S2-internal, S2-external

PEC587 Renewable Energy and Sustainable Development - 4 points

MURDOCH: S2-internal, S2-external, Y-external

PEC596 Energy Studies Project - 4 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-external

(this unit is usually taken in the last semester)

PEC627 Electricity Markets - 4 points

MURDOCH: S2-internal, S2-external

PEC611 Greenhouse Accounting and Life Cycle Assessment - 4 points

MURDOCH: S2-internal, S2-external

Environmental Science Units - 8 to 12 credit points

Select from the following:

ENV616 Environmental Policy for the 21st Century - 3 points

MURDOCH: S1-internal, S1-external

ENV520 Principles of Environmental Impact Assessment - 4 points

MURDOCH: S1-internal, S1-external

ENV513 Atmospheric Science - 4 points

MURDOCH: S1-internal, S1-external

ENV505 Environmental Monitoring - 4 points

MURDOCH: S2-internal, S2-external

ENV522 Environmental Assessment and Management - 4 points

MURDOCH: S1-internal, S1-external

ENV614 Earth System Science - 4 points

MURDOCH: S2-internal, S2-external

Global Warming and Climate Science Specialisation

Course Structure - 24 credit points

Core Units - 20 credit points

PEC592 Energy in Society - 4 points

MURDOCH: S1-internal, S1-external, S2-external, Y-external

KAPLAN-SGP: TJA-internal

Energy Studies Units - 8 credit points

PEC591 Energy Policy - 4 points

MURDOCH: S2-internal, S2-external, Y-external

PEC632 Greenhouse Science and Policy - 4 points

MURDOCH: H-external, S1-internal, S1-external

Environmental Science Units - 8 credit points

ENV513 Atmospheric Science - 4 points

MURDOCH: S1-internal, S1-external

ENV614 Earth System Science - 4 points

MURDOCH: S2-internal, S2-external

Specified Electives - 4 credit points

Select from the Energy Studies or Environmental Science units in the Energy, Environment and Sustainability Specialisation.

ENERGY STUDIES

GRADUATE CERTIFICATE IN ENERGY STUDIES (GRADCERTENST)

School of Engineering and Information Technology

Graduate Certificate in Energy Studies (GradCertEnSt)

Course Codes: C1105

Duration: 1 semester full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

- Murdoch campus (external)
- International Online (Australia) ['INT-ONLINE'] (external) (International offshore students only)

Restriction: All graduate courses are subject to restriction.

The Graduate Certificate in Energy Studies is designed to cater for graduates of any discipline who wish to acquire knowledge and skills in the areas of energy management, built environment, energy systems or energy policy.

* A specialisation in energy systems will assist or enhance their work in areas such as energy management, the design of small to medium size energy systems and renewable energy research.

* A specialisation in energy policy will assist or enhance their work in areas such as energy policy and planning, energy economics and renewable energy research.

* A specialisation in energy management or built environment will be applicable to careers in energy efficiency in industry or the commercial sector.

Admission Requirements (Onshore):

Recognised Bachelor's degree (AQF Level 7) or higher, or equivalent training, or satisfactory preparation for the course through previous study or professional experience.

Some of the units taken assume some prior knowledge, details of which are given in the description of each unit in the Handbook. The most common of these is the Physics prerequisite for units such as Energy in Society, Energy Management, Energy Systems and Energy Efficient Buildings. Some students may therefore need to complete additional prerequisite units.

English Competence:

English competence.

Special Requirements:

This course is available to external students anywhere in the world who wish to study off campus using printed or Internet materials. Assistance is provided by tutors by telephone, letter email or the Internet. External students usually study part-time, completing the certificate over one year or more.

Employment Prospects:

Graduates can expect to gain employment in power utilities, renewable energy manufacturing and installation companies, international aid organisations, Government departments, energy efficiency and environmental consultancies, university and private industry research organisations.

Main Research Areas:

Renewable energy, remote area power supply systems, components and monitoring, energy management, solar cells, wind turbines, energy policy and economics.

Further Study:

Students who successfully complete the Graduate Certificate may apply for admission to the Graduate Diploma in Energy Studies.

Course Structure - 12 credit points

Core Units - 12 credit points

Select from the following:

Recommended:

PEC592 Energy in Society - 4 points

MURDOCH: S1-internal, S1-external, S2-external, Y-external

KAPLAN-SGP: TJA-internal

Energy Management

PEC594 Energy Management - 4 points

MURDOCH: S1-internal, S1-external, S2-external, Y-external

PEC625 Energy Efficiency, System Analysis and Auditing - 4 points

Not available this year

PEC626 Industrial and Commercial Energy Efficiency Technologies

- 4 points

Not available this year

Energy Systems

PEC590 Energy Systems - 4 points

MURDOCH: S2-internal, S2-external, Y-external

PEC587 Renewable Energy and Sustainable Development - 4 points

MURDOCH: S2-internal, S2-external, Y-external

PEC621 Renewable Energy Devices - 4 points

MURDOCH: S1-internal, S1-external

PEC622 Renewable Energy Resources - 4 points

MURDOCH: S1-internal, S1-external

PEC623 Renewable Energy Systems Design - 4 points

MURDOCH: S2-internal, S2-external, Y-external

PEC620 Case Studies of Renewable Energy Systems - 4 points

MURDOCH: S2-internal, S2-external, Y-external

Energy Policy

PEC591 Energy Policy - 4 points

MURDOCH: S2-internal, S2-external, Y-external

PEC593 Energy Economics - 4 points

MURDOCH: H-external, S1-internal, S1-external

PEC632 Greenhouse Science and Policy - 4 points

MURDOCH: H-external, S1-internal, S1-external

PEC627 Electricity Markets - 4 points

MURDOCH: S2-internal, S2-external

PEC611 Greenhouse Accounting and Life Cycle Assessment - 4 points

MURDOCH: S2-internal, S2-external

Built Environment

PEC670 Energy Efficient Buildings - 4 points

MURDOCH: S1-internal, S1-external

PEC674 Innovation Management - 4 points

MURDOCH: S2-internal, S2-external

PEC675 Environmental Building Services - 4 points

MURDOCH: S2-internal, S2-external

GRADUATE DIPLOMA IN ENERGY STUDIES (GRADDIPENST)

School of Engineering and Information Technology

Graduate Diploma in Energy Studies (GradDipEnSt)

Course Codes: G1065

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)
- International Online (Australia) ['INT-ONLINE'] (external) (International offshore students only)

Restriction: All graduate courses are subject to restriction.

The Graduate Diploma in Energy Studies is intended to provide graduates with a one-year course of study that covers the core areas of Energy Studies. These skills may assist or enhance graduates' work in areas such as energy policy, energy economics, energy management and efficiency, sustainable energy systems design and planning, the environmental impact of energy systems and their use, as well as renewable energy research. It offers the opportunity

to explore an area in depth via a short research project.

Admission Requirements (Onshore):

Recognised Bachelor's degree (AQF Level 7) or higher, or equivalent training, in a related area. Students with alternative, satisfactory preparation may also be admitted.

Some of the units taken assume some prior knowledge, details of which are given in the description of each unit in the Handbook. The most common of these is the Physics prerequisite for units such as Energy in Society, Energy Management, Energy Systems and Energy Efficient Buildings. Some students may therefore need to complete additional prerequisite units.

English Competence:

English competence.

Special Requirements:

Using printed and Internet facilities, students may complete this degree without needing to attend campus. Assistance is provided by tutors who correspond with students by telephone, email or the Internet.

Employment Prospects:

Graduates can expect to gain employment in this rapidly growing area in power generation companies, renewable energy manufacturing and installation companies, international aid organisations, Government departments, energy efficiency and environmental consultancies, university and private industry research organisations.

Main Research Areas:

Renewable energy, remote area power supply systems, components and monitoring, energy management, solar cells, wind turbines, energy policy and economics.

Further Study:

Students who successfully complete the Graduate Diploma may apply for admission to the MSc in Renewable Energy.

Course Structure - 24 credit points

Core Units - 20 credit points

PEC592 Energy in Society - 4 points

MURDOCH: S1-internal, S1-external, S2-external, Y-external
KAPLAN-SGP: TJA-internal

PEC594 Energy Management - 4 points

MURDOCH: S1-internal, S1-external, S2-external, Y-external

PEC590 Energy Systems - 4 points

MURDOCH: S2-internal, S2-external, Y-external

PEC591 Energy Policy - 4 points

MURDOCH: S2-internal, S2-external, Y-external

PEC593 Energy Economics - 4 points

MURDOCH: H-external, S1-internal, S1-external

Specified Electives - 4 credit points

Select from the following:

PEC632 Greenhouse Science and Policy - 4 points

MURDOCH: H-external, S1-internal, S1-external

PEC587 Renewable Energy and Sustainable Development - 4 points

MURDOCH: S2-internal, S2-external, Y-external

PEC611 Greenhouse Accounting and Life Cycle Assessment - 4 points

MURDOCH: S2-internal, S2-external

PEC670 Energy Efficient Buildings - 4 points

MURDOCH: S1-internal, S1-external

PEC625 Energy Efficiency, System Analysis and Auditing - 4 points

Not available this year

PEC675 Environmental Building Services - 4 points
MURDOCH: S2-internal, S2-external

PEC596 Energy Studies Project - 4 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external,
Y-external
(this unit is usually taken in the last semester of the course)

If one or more of the required units, or equivalents, have already been completed, or with permission from the Academic Chair, students may select electives from other related 500-level units offered elsewhere in the University.

MASTER OF RENEWABLE ENERGY

School of Engineering and Information Technology

Master of Renewable Energy

Course Codes: M1218

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)
- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (external) (by formal agreement) (language of instruction: English)
- International Online (Australia) ['INT-ONLINE'] (external) (International offshore students only)

Restriction: All graduate courses are subject to restriction.

This course offers advanced training in the area of renewable energy systems, sustainable energy policy or energy efficiency. It is the second year of a two-year program of study, the first year of which is the Postgraduate Diploma in Energy Studies or the Postgraduate Diploma in Energy and the Environment.

The renewable energy systems area of study is designed to provide graduates with specific training in advanced areas of renewable energy technology. The emphasis is on the design, analysis and implementation of energy systems, with particular emphasis on renewable energy systems. The renewable energy policy area of study is designed to provide graduates with training in advanced areas of renewable energy technology and policy. The emphasis is on policy analysis, market reforms and greenhouse accounting. The energy efficiency area of study, offered in conjunction with Massey University, is designed to provide graduates with training in advanced areas of energy management and energy efficiency, with particular emphasis on systems analysis and auditing and industrial and commercial technology.

The objectives of the course are:

- * to provide a thorough training in the principles of sustainable energy systems;
- * to introduce students to the practical aspects of renewable energy systems design, monitoring and development (renewable energy systems area of study);
- * to train engineers, scientists, environmental scientists and policy analysts to participate in the development of the renewable energy and energy efficiency industries in Australia and overseas;
- * to address the social, economic and environmental issues involved with sustainable energy systems.

Admission Requirements (Onshore):

Recognised Honours degree (AQF Level 8) or higher, or equivalent training, in Sustainable Energy Management or Renewable Energy Engineering, or Graduate Diploma in Energy Studies, or Graduate Diploma in Energy and the Environment, or satisfactory preparation through previous study or professional experience.

Some of the units taken assume some prior knowledge, details of which are given in the description of each unit in the Handbook.

Some students may therefore need to complete additional prerequisite units.

Admission Requirements (Offshore):

Recognised Honours degree (AQF Level 8) or higher, or equivalent training, in Sustainable Energy Management or Renewable Energy Engineering, or Graduate Diploma in Energy Studies, or Graduate Diploma in Energy and the Environment, or satisfactory preparation through previous study or professional experience.

Some of the units taken assume some prior knowledge, details of which are given in the description of each unit in the Handbook. Some students may therefore need to complete additional prerequisite units.

English Competence:

English competence.

Special Requirements:

This course is available to external students anywhere in the world who wish to study off campus by using printed and Internet facilities. Assistance is provided by tutors who correspond with students by telephone, email or the Internet.

Employment Prospects:

Graduates can expect to gain employment in power generation companies, renewable energy manufacturing and installation companies, international aid organisations, government departments, energy efficiency and environmental consultancies, university and private industry research organisations.

Main Research Areas:

Renewable energy, remote area power supply systems, components and monitoring, energy management, solar cells, wind turbines, energy policy and economics.

Articulation:

This course articulates with the Graduate Diploma and Graduate Certificate in Energy Studies and the Bachelor of Science with Honours in Sustainable Energy Management. Direct entry from the Graduate Diploma in Energy and the Environment is also possible.

Course Structure - 24 credit points

Core Units - 12 credit points

PEC620 Case Studies of Renewable Energy Systems - 4 points
MURDOCH: S2-internal, S2-external, Y-external

PEC624 Renewable Energy Dissertation - 8 points
MURDOCH: H-internal, H-external, Y-internal, Y-external

Specified Electives - 12 credit points

Select from any of the units listed below or from a single area as indicated. At least one 600-level unit must be selected in order to fulfil the minimum requirements of 16 points at 600-level for the MSc.

Student who wish to complete other appropriate elective units from those available at the University may do so with the permission of the Academic Chair. Online students may be more restricted in the electives they can take.

Renewable Energy Systems

PEC622 Renewable Energy Resources - 4 points
MURDOCH: S1-internal, S1-external

PEC621 Renewable Energy Devices - 4 points
MURDOCH: S1-internal, S1-external

PEC623 Renewable Energy Systems Design - 4 points
MURDOCH: S2-internal, S2-external, Y-external

PEC587 Renewable Energy and Sustainable Development - 4 points

MURDOCH: S2-internal, S2-external, Y-external

Renewable Energy Policy

PEC632 Greenhouse Science and Policy - 4 points
MURDOCH: H-external, S1-internal, S1-external

SUS512 Sustainability, Ecology and Communities - 3 points
MURDOCH: S1-internal, S1-external

PEC587 Renewable Energy and Sustainable Development - 4 points
MURDOCH: S2-internal, S2-external, Y-external

PEC627 Electricity Markets - 4 points
MURDOCH: S2-internal, S2-external

PEC611 Greenhouse Accounting and Life Cycle Assessment - 4 points
MURDOCH: S2-internal, S2-external

PEC674 Innovation Management - 4 points
MURDOCH: S2-internal, S2-external

Energy Efficiency

PEC625 Energy Efficiency, System Analysis and Auditing - 4 points
Not available this year

PEC626 Industrial and Commercial Energy Efficiency Technologies - 4 points
Not available this year

PEC670 Energy Efficient Buildings - 4 points
MURDOCH: S1-internal, S1-external

PEC632 Greenhouse Science and Policy - 4 points
MURDOCH: H-external, S1-internal, S1-external

PEC675 Environmental Building Services - 4 points
MURDOCH: S2-internal, S2-external

ENGINEERING

MASTER OF ENGINEERING (ME)

School of Engineering and Information Technology

Master of Engineering (ME)

Course Codes: M1193

Duration: 2 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

The Master of Engineering is intended for practising professionals who wish to update their existing qualifications and/or enhance their skills in the areas of process control, instrumentation and industrial computer systems engineering. The ME offers a single specialisation in instrumentation and control engineering.

Admission Requirements (Onshore):

Recognised Bachelor's degree in an area relevant to the specialisation available. Normally applicants will also possess an appropriate level of industrial experience. Applicants without the necessary qualifications and/or background will be required to study additional units as part of the course requirements.

English Competence:

English competence.

Special Requirements:

Some units in this course are offered in a flexible delivery mode, allowing candidates to complete some of their studies at home or at their workplace.

Employment Prospects:

Graduates can find employment in manufacturing, medical, mining, processing, energy supply, communications, electronics, computer-systems and defence-related industries.

Professional Recognition:

This course can be used to meet the continuing professional education requirements of engineers in the areas of instrumentation and control and industrial computer systems engineering.

Course Structure - 48 credit points

Core Units - 21 credit points

Course Structure - 48 credit points

Core Units - 48 credit points

ENG550 Design Project - 3 points

MURDOCH: S1-internal, S2-internal

ENG670 Research Principles and Methods - 3 points

MURDOCH: S1-internal, S2-internal

ENG691 Hazard, Risk and Project Management - 3 points

MURDOCH: S1-internal, S2-internal

ENG615 Engineering Masters Project - 12 points

MURDOCH: H-internal, S1-internal, S2-internal, Y-internal

ENG502 Advanced Topics in Instrumentation and Control - 3 points

MURDOCH: S2-internal

ENG508 Design Methodologies in Instrumentation and Control - 3 points

MURDOCH: S1-internal, S2-internal

ENG525 Advanced Control Systems Design - 3 points

MURDOCH: S1-internal

ENG563 Advanced Process Modelling and Simulation - 3 points

MURDOCH: S1-internal

ENG668 CSI: Control System Investigation - 3 points

MURDOCH: S1-internal

ENG501 PLC Applications - 3 points

MURDOCH: S1-internal

ENG514 Industrial Signals and Systems - 3 points

MURDOCH: S2-internal

ENG564 Industrial Instrumentation Technologies - 3 points

MURDOCH: S2-internal

ENG617 Advanced SCADA Systems - 3 points

MURDOCH: S1-internal

ENVIRONMENTAL ASSESSMENT AND MANAGEMENT

GRADUATE CERTIFICATE IN ENVIRONMENTAL ASSESSMENT AND MANAGEMENT (GRADCERTENVASSTMAN)

School of Veterinary and Life Sciences

Graduate Certificate in Environmental Assessment and Management (GradCertEnvAsstMan)

Course Codes: C1118

Duration: 1 semester full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)
- International students must commence in Semester 1 only.

Restriction: All graduate courses are subject to restriction.

This course is designed to provide Australian and overseas environmental professionals with an introductory understanding of the policies, procedures and techniques of environmental management through practically-oriented study. Environmental professionals are required to have a clear understanding of the various procedures and activities involved in environmental assessment and management. The course will be relevant to consultants and to people employed by private and public organisations that are active in environmental areas.

The course aims to provide a multidisciplinary education to further develop knowledge and understanding of selected principles and techniques employed in environmental management; it is structured with maximum flexibility to meet the needs of students.

Admission Requirements (Onshore):

A recognised Bachelor Degree (AQF Level 7) or higher or equivalent training. If the first degree is not related to this area of study then at least two years of relevant work/life experience is required. Most of the units taken assume some prior knowledge, details of which are given in the description of each unit in the Handbook. Some students may therefore need to complete additional prerequisite units.

English Competence:

English competence.

Special Requirements:

When studied in the external mode, some attendance is required. Internet access is required for students studying externally; exceptions will be considered on a case-by-case basis.

Employment Prospects:

This course will be relevant to consultants wishing to practice in this field, and to people employed by private and public organisations that are active in environmental areas.

Further Study:

Students who successfully complete the Graduate Certificate in Environmental Assessment and Management may apply for admission to the Graduate Certificate in Environmental Science.

Course Structure - 12 credit points

University regulations require completion of units at 500-level or above.

Core Units - 9 credit points

ENV556 Principles of Environmental Impact Assessment - 3 points
MURDOCH: S1-internal, S1-external

ENV557 Environmental Assessment and Management - 3 points
MURDOCH: S1-internal, S1-external

ENV552 Comparative Environmental Policy and Law - 3 points
MURDOCH: S1-external

Specified Electives - 3 credit points

Select from the following:

SUS512 Sustainability, Ecology and Communities - 3 points
MURDOCH: S1-internal, S1-external

ENV553 Sustainability: Global and Regional Perspectives - 3 points
MURDOCH: S2-internal, S2-external

SUS523 Cities and Sustainability - 3 points
MURDOCH: S1-internal, S1-external

ENVIRONMENTAL SCIENCE

GRADUATE CERTIFICATE IN ENVIRONMENTAL SCIENCE (GRADCERTENVSC)

School of Veterinary and Life Sciences

Graduate Certificate in Environmental Science (GradCertEnvSc)

Course Codes: C1127

Duration: 1 semester full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external) (some attendance is required in individual units)
- International students must commence in Semester 2 only.

Restriction: All graduate courses are subject to restriction.

The course is designed to provide Australian and international environmental professionals with an introduction to advanced topics and skills in environmental science. The flexibility and interdisciplinary approach of the program gives students the opportunity to further develop problem solving skills. The Graduate Certificate in Environmental Science gives qualified applicants the opportunity for further study at progressive postgraduate levels in Environmental Science.

Admission Requirements (Onshore):

A recognised Bachelor Degree (AQF Level 7) in Environmental Science, Biological Science, Conservation Science or a closely related field of education; or equivalent training.

English Competence:

English competence.

Special Requirements:

This course is available externally, although some attendance is required in individual units. Internet access is required for students studying externally; exceptions will be considered on a case-by-case basis.

Employment Prospects:

This course will be relevant to those who would like to work in the public and private sectors, including the consulting industry, in Australia and overseas.

Further Study:

Students who successfully complete the Graduate Certificate in Environmental Science may apply for admission to the Master of Environmental Science.

Exemption from Coursework Regulations:

In this course, where appropriate, undergraduate units (between 100- and 400-level) have been included to meet the learning outcomes for the entire course: postgraduate students can expect to be part of a learning community with undergraduate students in these units.

Course Structure - 12 credit points

University regulations require completion of units at 500-level or above.

Core Units - 12 credit points

ENV558 Environmental Monitoring - 3 points
MURDOCH: S2-internal, S2-external

ENV303 GIS for Environmental Management and Planning - 3 points
MURDOCH: S2-internal, S2-external

ENV526 Advanced Ecology - 3 points

MURDOCH: S2-internal, S2-external

ENV529 Advanced Environmental Science Topics - 3 points

MURDOCH: S2-internal, S2-external

GRADUATE DIPLOMA IN ENVIRONMENTAL SCIENCE (GRADDIPENV)

School of Veterinary and Life Sciences

Graduate Diploma in Environmental Science (GradDipEnv)

Course Codes: G1053

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

The course provides Australian and international scientists working in environment-related fields with a postgraduate qualification in environmental science. It offers a broad range of subjects such as ecology, environmental policy and law, environmental monitoring, land and water management and sustainability. The Graduate Diploma gives qualified applicants the opportunity for further study at progressive graduate levels in Environmental Science. Subject to meeting progression requirements, students may choose apply to enrol in the Master of Environmental Science.

Admission Requirements (Onshore):

A recognised Bachelor degree (AQF Level 7) or higher or equivalent training. If the first degree is not related to this area of study then at least two years of relevant work/life experience is required. Most of the units taken assume some prior knowledge, details of which are given in the description of each unit in the Handbook. Some students may therefore need to complete additional prerequisite units.

English Competence:

English competence.

Special Requirements:

When taken in the external mode, some attendance may be required depending on the units selected. Internet access is required for students studying externally; exceptions will be considered on a case-by-case basis.

Employment Prospects:

This course will be relevant to those who would like to work in the public sectors, including the environmental consulting industry, in Australia and internationally.

Further Study:

Students who successfully complete this Graduate Diploma may apply for admission to the Master of Environmental Science.

Exemption from Coursework Regulations:

In this course, where appropriate, undergraduate units (between 100- and 400-level) have been included to meet the learning outcomes for the entire course: postgraduate students can expect to be part of a learning community with undergraduate students in these units.

Course Structure - 24 credit points

University regulations require completion of units at 500-level or higher.

Core Units - 24 credit points

ENV558 Environmental Monitoring - 3 points

MURDOCH: S2-internal, S2-external

ENV303 GIS for Environmental Management and Planning - 3

points

MURDOCH: S2-internal, S2-external

ENV527 Environmental Science Topics - 3 points

MURDOCH: S1-internal, S1-external

ENV511 Aquatic Ecology - 3 points

MURDOCH: S1-external

ENV554 Land and Water Management - 3 points

MURDOCH: S1-internal, S1-external

ENV552 Comparative Environmental Policy and Law - 3 points

MURDOCH: S1-external

ENV526 Advanced Ecology - 3 points

MURDOCH: S2-internal, S2-external

ENV529 Advanced Environmental Science Topics - 3 points

MURDOCH: S2-internal, S2-external

Students with wide cognate entry who have completed units with similar outcomes as the Core Units listed will need to complete the following unit, or other units as approved by the Academic Chair:

SUS512 Sustainability, Ecology and Communities - 3 points

MURDOCH: S1-internal, S1-external

MASTER OF ENVIRONMENTAL SCIENCE (MENVSC)

School of Veterinary and Life Sciences

Master of Environmental Science (MEnvSc)

Course Codes: M1210

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

This course provides advanced training in the application of environmental science to problem solving. The course is open to people working as environmental professionals, or seeking to do so, who want to undertake advanced studies in environmental science to broaden their environmental expertise or specialise further in a selected area.

This course facilitates improved awareness of environmental issues from technical, social and political perspectives, and provides more specific knowledge in areas of particular interest to individual students. This course aims to supply leaders to the environmental professions with the interdisciplinary scientific and policy skills required to deal with today's complex environmental problems. Graduates from the course are well equipped to contribute to continuing improvement in environmental management practices.

Admission Requirements (Onshore):

Completion of the Graduate Certificate or Graduate Diploma in Environmental Science (AQF Level 8), or an equivalent postgraduate course in a closely related field of education; or equivalent training. For 2014 entry only, a four-year Bachelor degree in Environmental Science or Marine Science, or Postgraduate Diploma of Environmental Management; Environmental Impact Assessment; or Environmental Assessment and Management, or equivalent training.

English Competence:

English competence.

Special Requirements:

Some external units may require on-campus attendance for a short period.

Internet access is required for students studying externally;

exceptions will be considered on a case-by-case basis.

Employment Prospects:

Past students have come from and/or found employment in the public and private sectors, including the consulting industry, in Australia and overseas.

Course Structure - 24 credit points

University regulations require completion of 600-level units or above for a 24-point Masters by Coursework degree.

Core Units - 18 credit points

ENV690 Environmental Science Masters Project - 12 points
MURDOCH: H-internal, H-external, Y-internal, Y-external

ENV616 Environmental Policy for the 21st Century - 3 points
MURDOCH: S1-internal, S1-external

ENV683 Advanced Environmental Science Research Methods - 3 points
MURDOCH: S1-internal, S1-external

Specified Electives - 6 credit points

Select from the following:

PEC662 Greenhouse Science and Policy - 3 points
Not available this year

ENV684 Earth System Science - 3 points
MURDOCH: S2-internal, S2-external

ENV680 Climate Change Adaptation: Ecosystems and Societies - 3 points
MURDOCH: S2-internal, S2-external

SUS611 Resilient Regions: People and Practice - 3 points
MURDOCH: SUM-internal

EDU650 Environmental Education for Sustainability - 3 points
MURDOCH: S2-internal, S2-external

Other appropriate 600-level units may be substituted with the permission of the Academic Chair.

EXTRACTIVE METALLURGY

GRADUATE DIPLOMA IN EXTRACTIVE METALLURGY (GRADDIPEXTMET)

School of Engineering and Information Technology

Graduate Diploma in Extractive Metallurgy (GradDipExtMet)

Course Codes: G1034

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

The Graduate Diploma provides specialised training in the core disciplines of extractive metallurgy -- mineral processing, hydrometallurgy and pyrometallurgy. It has been devised for the benefit of graduates currently working in the minerals industry who now find they need specialised knowledge in extractive metallurgy, and others who wish to prepare for a higher degree in extractive metallurgy (i.e. Masters or PhD).

Admission Requirements (Onshore):

Recognised Bachelor's degree (AQF Level 7) or higher, or equivalent training, in a relevant area. Students with alternative satisfactory preparation may also be admitted. Students who do not have equivalent knowledge and background in chemistry,

thermodynamics, physics and mathematics will be required to undertake additional preparatory units prior to admission.

English Competence:

English competence.

Special Requirements:

This course is best suited for part-time students or overseas students who wish to study for a higher degree in extractive metallurgy. Attendance at on-campus laboratory sessions are a requirement in the practicum units.

Employment Prospects:

Many students taking this qualification will already be employed in the minerals industry as engineers or chemists. Other graduates can expect to find employment in mineral processing and metal extraction plants throughout Australia and overseas.

Professional Accreditation:

Recognised by the Australasian Institute of Mining and Metallurgy.

Professional Recognition:

Diplomates are eligible for professional membership of the Australasian Institute of Mining and Metallurgy.

Recommended Minors:

Organic Chemistry

Course Structure - 24 credit points

Core Units - 24 credit points

ENG193 Introduction to the Minerals Industry - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ENG524 Metallurgical Unit Operations - 3 points
MURDOCH: S1-internal, S1-external

ENG565 Mineralogy for Metallurgists - 3 points
MURDOCH: S2-internal, S2-external

ENG566 Advanced Mineral Processing - 3 points
MURDOCH: S1-internal, S1-external

ENG567 Extractive Metallurgy I - 3 points
MURDOCH: S1-internal, S1-external

ENG568 Extractive Metallurgy II - 3 points
MURDOCH: S2-internal, S2-external

ENG562 Practical Metallurgical Processing - 6 points
MURDOCH: H-external, Y-external

Or other units with permission of the Academic Chair.

GIFTED AND TALENTED EDUCATION

GRADUATE CERTIFICATE IN GIFTED AND TALENTED EDUCATION (GRADCERTGIFTALED)

School of Education

Graduate Certificate in Gifted and Talented Education (GradCertGiftTalEd)

Course Codes: C1112

Duration: 2 semesters (due to unit availability)

Availability:

- Some units only: Murdoch campus (internal)
- Some units only: Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

This course combines international and national models and practices, while enabling students to relate their study to their own

workplace and professional development. The core units address issues in gifted education such as conceptions of giftedness, identification of giftedness and talent, and education provision. The course also provides the opportunity for students to plan and undertake an in-depth review of literature or undertake an action research project within the context of their professional practice.

Admission Requirements (Onshore):

Recognised three- or four-year teaching qualification or higher, or equivalent training. Students who are not qualified teachers but have had at least two years of full-time recent, relevant and satisfactory teaching experience may seek admission to the course, but should note that it does not constitute an initial teaching qualification.

English Competence:

English competence.

Employment Prospects:

This course is a specialised qualification for teachers and school leaders involved in the delivery of education programs for students who are gifted and/or talented.

Professional Recognition:

Department of Education in WA

Main Research Areas:

Gifted and Talented Education, Inclusive Education.

Further Study:

Students who successfully complete the Graduate Certificate may apply for admission to the Master of Education (Coursework).

Course Structure - 12 credit points

Core Units - 6 credit points

EDN526 Contemporary Issues in Gifted and Talented Education - 3 points
MURDOCH: SP23-internal

EDN529 Education Provision for Gifted and Talented Students - 3 points
MURDOCH: SP17-internal

Specified Elective - 6 credit points

Select from the following:

EDN509 Inclusive Education: Contemporary Perspectives and Practices - 3 points
MURDOCH: S1-external

EDN570 Professional and Action Learning Project - 6 points
MURDOCH: S2-external

EDN506 Gifted Students with Diverse Learning Needs - 3 points
MURDOCH: S1-external

HEALTH

GRADUATE CERTIFICATE IN HEALTH CARE MANAGEMENT (GRADCERTHCM)

School of Health Professions

Graduate Certificate in Health Care Management (GradCertHCM)

Course Codes: C1116

Duration: 1 semester full-time or part-time equivalent

Availability:

- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

This Certificate aims to cultivate excellence in quality, leadership and management in health professionals working in Quality, Safety, Risk and Middle Management roles in acute, community, mental health, primary and aged care public and private sectors. This course will provide fundamental skills for a range of management positions within the health service industry.

Admission Requirements (Onshore):

Completion of a Bachelor degree (AQF Level 7) or equivalent in a health related discipline. Preparation for the course through previous study or professional experiences will be considered on a case-by-case basis.

English Competence:

English competence.

Special Requirements:

Access to adequate library resources and to the Internet is essential for external students.

Employment Prospects:

Enhanced quality, safety and management skills acquired will position students to meet consumer expectations of the healthcare system and to fulfil industry demand for increased middle management skills in order to enhance the quality of services. Positions such as Accreditation Coordinator, Quality Manager, Quality and Risk Manager are essential within health services, particularly the private and aged care sectors, for their accreditation. Successful completion of this course will put graduates in a favourable position to fill such roles.

Professional Recognition:

The course is aligned to the Australasian Association for Quality in Health Care (AAQHC) credentialling program.

Main Research Areas:

Health, quality and management

Course Structure - 12 credit points

Core Units - 12 credit points

SHP501 Quality and Safety in Health Care - 3 points
MURDOCH: S1-external, S2-external

SHP511 Strategic Leadership in Health Care - 3 points
MURDOCH: S1-external, S2-external

SHP510 Bioethics and Law for Health Care Leadership - 3 points
MURDOCH: S1-external, S2-external

SHP541 Health Policy - 3 points
MURDOCH: S1-external, S2-external

MASTER OF HEALTH CARE MANAGEMENT (MHCM)

School of Health Professions

Master of Health Care Management (MHCM)

Course Codes: M1217

Duration: 1.5 years full-time or part-time equivalent

Availability:

- Murdoch campus (external)
- Some units only: Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

This course aims to cultivate excellence in quality, leadership and management in health professionals working in Quality, Safety, Risk and Middle Management roles in acute, community, mental health, primary and aged care public and private sectors. Students will, on completion of the course, have the capacity and capability of applying these skills in a range of management positions and

become leaders and champions of change. Innovative and creative elective units are designed to allow different disciplines to focus on their areas of speciality.

Admission Requirements (Onshore):

Completion of a Bachelor degree (AQF Level 7) or equivalent in a health discipline. Preparation for the course through previous study or professional experiences will be considered on a case-by-case basis.

English Competence:

English competence.

Special Requirements:

Access to adequate library resources and to the Internet is essential for external students.

Employment Prospects:

Enhanced quality, safety and management skills acquired will position students to meet consumer expectations of the healthcare system and to fulfil industry demand for increased middle management skills, mentoring, supervision and coaching skills in order to enhance the quality of services. Positions such as Accreditation Coordinator, Quality Manager, Quality and Risk Manager are essential within health services, particularly the private and aged care sectors, for their accreditation. Successful completion of this course will put graduates in a favourable position to fill such roles.

Professional Recognition:

This course meets the education requirements for associate fellow/fellow with the Australasian Association for Quality in Health Care (AAQHC).

Main Research Areas:

Health, quality and management

Advanced Standing:

Up to 12 credit points of advanced standing is available to students who have completed a Level 8 Graduate Certificate or a Bachelors degree with Honours.

Course Structure - 36 credit points

University regulations require completion of a minimum of 24 points at 600-level and up to 12 points at 500-level for a 36 point Masters by Coursework degree.

Core Units - 33 credit points

SHP501 Quality and Safety in Health Care - 3 points
MURDOCH: S1-external, S2-external

SHP612 Managing in a Health Care Environment - 3 points
MURDOCH: S1-external

SHP511 Strategic Leadership in Health Care - 3 points
MURDOCH: S1-external, S2-external

SHP632 Applied Health Research Methods: From Research to Practice - 3 points
MURDOCH: S1-external, S2-external

SHP603 Applied Health Services Project - 6 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

SHP602 Human Factors: The Impact on Patient Safety - 3 points
MURDOCH: S2-external

SHP510 Bioethics and Law for Health Care Leadership - 3 points
MURDOCH: S1-external, S2-external

SHP639 Financial Management in Health Care - 3 points
MURDOCH: S1-external

SHP541 Health Policy - 3 points
MURDOCH: S1-external, S2-external

SHP604 Reflective Practice in Health Management - 3 points
MURDOCH: S2-external

Specified Electives - 3 credit points

Select from the following:

SHP638 Health Care Education - 3 points
Not available this year

MBS689 Risk Management - 3 points
MURDOCH: S2-internal, S2-external

EDU616 Teaching, Learning and Working in Culturally Diverse Environments - 3 points
MURDOCH: S1-internal, S1-external

MBS655 Human Resource Management Perspectives - 3 points
MURDOCH: S1-internal, S1-external

MBS685 Project Management - 3 points
MURDOCH: W-internal, W-external

Or 600-level units from related coursework Masters, subject to the approval of the Academic Chair.

HUMAN RESOURCE MANAGEMENT

GRADUATE CERTIFICATE IN HUMAN RESOURCES MANAGEMENT

School of Management and Governance

Graduate Certificate in Human Resources Management

Course Codes: C1108

Duration: 1 semester full-time (Semester 1 commencement only) or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)
- International students must commence in Semester 1 only.

Restriction: All graduate courses are subject to restriction.

The award is a professionally-oriented coursework qualification in Human Resource Management (HRM). It provides students with a foundation of the strategic view of HRM which links an organisation's strategic goals and objectives to the management of its human resources.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher and evidence of relevant two-year work experience, or satisfactory preparation for the course through previous study or professional experience.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

Employment prospects range from specialist HR roles to strategic planning partners, reflecting the importance of HRM in the organisation. Employment in the resources sector is particularly high, and those individuals with talent management skills are keenly sought after.

Main Research Areas:

Human Resource Management.

Further Study:

Students who successfully complete the Graduate Certificate may apply for admission to the Graduate Diploma in Human Resource

Management or the Master of Human Resource Management.

Course Structure - 12 credit points

Core Units - 9 credit points

MBS655 Human Resource Management Perspectives - 3 points
MURDOCH: S1-internal, S1-external

MBL501 Human Resource Management Law - 3 points
MURDOCH: S1-internal, S1-external

MBS538 Organisational Behaviour and Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Specified Electives - 3 credit points

Select from the following:

MBL623 Work Health and Safety Law - 3 points
MURDOCH: S1-internal, S1-external

MBS636 International Business Negotiations - 3 points
MURDOCH: S2-internal, S2-external

MBS624 Employment Relations and Asia Pacific Contexts - 3 points
MURDOCH: S2-internal, S2-external

MBS648 Organisational Change, Management and Consultancy - 3 points
MURDOCH: S2-internal, S2-external

Students may substitute one of the units above with any 500/600-level unit offered by the School of Management and Governance with permission of the Academic Chair.

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GRADUATE DIPLOMA IN HUMAN RESOURCES MANAGEMENT

School of Management and Governance

Graduate Diploma in Human Resources Management

Course Codes: G1060

Duration: 2 semesters full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

This is a professionally-oriented qualification in Human Resource Management. It takes a strategic view of HRM which links an organisation's goals and objectives to the management of its human resources.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher and evidence of relevant two-year work experience, or satisfactory preparation for the course through previous study or professional experience.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

Employment prospects range from specialist HR roles to strategic planning partners, reflecting the importance of HRM in the organisation. Employment in the resources sector is particularly high, and those individuals with talent management skills are keenly sought after.

Main Research Areas:

Human Resource Management.

Further Study:

Students who successfully complete the Graduate Diploma may apply for admission to the MHRM.

Course Structure - 24 credit points

Core Units - 12 credit points

MBS655 Human Resource Management Perspectives - 3 points
MURDOCH: S1-internal, S1-external

MBS538 Organisational Behaviour and Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBL501 Human Resource Management Law - 3 points
MURDOCH: S1-internal, S1-external

MBS659 Quantitative Research for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Specified Electives - 12 credit points

Select from the following:

MBS648 Organisational Change, Management and Consultancy - 3 points
MURDOCH: S2-internal, S2-external

MBL623 Work Health and Safety Law - 3 points
MURDOCH: S1-internal, S1-external

MBS624 Employment Relations and Asia Pacific Contexts - 3 points
MURDOCH: S2-internal, S2-external

MBS636 International Business Negotiations - 3 points
MURDOCH: S2-internal, S2-external

MBS651 Leading and Managing Nonprofit Organisations - 3 points
MURDOCH: S2-internal, S2-external

MBS687 Effective Leadership - 3 points
MURDOCH: S1-internal, S1-external

MBS686 Economics and Business Strategy - 3 points
MURDOCH: S2-internal, S2-external

MBL618 Dispute Management - 3 points
MURDOCH: S1-internal, S1-external

Students may substitute one of the units above with any 500/600-level unit offered by the School of Management and Governance with permission of the Academic Chair.

MASTER OF HUMAN RESOURCE MANAGEMENT (OFFSHORE) (MHRM)

School of Management and Governance

Master of Human Resource Management (MHRM)

Course Codes: M1053

Duration: The qualification is equivalent to 2 years full-time study

Availability:

- Kaplan Higher Education Institute (Singapore) ['KAPLAN-SGP'] (internal) (by formal agreement) (language of instruction: English)
- Murdoch University International Study Centre (Dubai, UAE) ['DUBAI-ISC'] (internal) (by formal agreement) (language of instruction: English)

Restriction: All graduate courses are subject to restriction.

The MHRM is a professionally-oriented masters degree in Human Resource Management (HRM). The degree takes a strategic view of HRM which links an organisation's goals and objectives to the management of its human resources.

Graduates of a Murdoch University Master of Human Resource Management will demonstrate the application of scholarship and research skills by the completion of significant practical projects.

A flexible teaching timetable allows students to balance work, study and other personal commitments.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher and evidence of relevant two-year work experience, or satisfactory preparation for the course through previous study or professional experience.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

Employment prospects range from specialist HR roles to strategic planning partners, reflecting the importance of HRM in the organisation. Employment in the resources sector is particularly high, and those individuals with talent management skills are keenly sought after.

Professional Accreditation:

This course is accredited by the Australian Human Resource Institute (AHRI).

Main Research Areas:

Human resource management.

Nested Awards:

Students can opt out of the Master of Human Resource Management and exit with either the Postgraduate Certificate or Postgraduate Diploma subject to satisfying the course requirements.

Advanced Standing:

Up to 24 points of advanced standing is available to students with a recognised Graduate qualification in a cognate area and evidence of 2 years relevant work experience.

Course Structure - 48 credit points

Core Units - 24 credit points

MBS617 Human Resource Management Perspectives - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal

MBS511 Acquisition of Human Resources - 4 points
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal

MBS501 Human Resource Management Law - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal

MBS525 Managing, Evaluating and Developing Human Resources - 4 points
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal

MBS508 Organisational Behaviour and Management - 4 points
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
SGP1: TSQ-internal

MBS626 Managing Remuneration, Benefits and Motivation - 4 points
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal

Specified Electives - 24 credit points

Select from the following:

MBS641 Project Management - 4 points
DUBAI-ISC: TMD-internal

KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TMP-internal

MBS548 Organisational Change, Management and Consultancy - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal

MBS671 Effective Leadership - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TSP-internal

MBS572 Risk Management - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal

MBS630 International Business - 4 points
DUBAI-ISC: TJD-internal, TSD-internal
SGP1: TJP-internal

MBS606 Strategic Decision-Making - 4 points
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal, TSA-internal
SGP1: TMQ-internal

MBS618 Dispute Management - 4 points
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TMS-internal

MBS629 Entrepreneurship and Innovation Management - 4 points
DUBAI-ISC: TJD-internal, TSD-internal
SGP1: TSS-internal

Special Topics are available from time to time and maybe used as a specified elective. Students should contact the Academic Chair about availability.

Other units may be substituted with permission of the Academic Chair.

MASTER OF HUMAN RESOURCES MANAGEMENT

School of Management and Governance

Master of Human Resources Management

Course Codes: M1213

Duration: The qualification is equivalent to 2 years full-time study

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

The MHRM is a professionally-oriented masters degree in Human Resource Management (HRM). The degree takes a strategic view of HRM which links an organisation's goals and objectives to the management of its human resources.

Graduates of a Murdoch University Master of Human Resources Management will demonstrate the application of scholarship and research skills by the completion of significant practical projects.

A flexible teaching timetable allows students to balance work, study and other personal commitments.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher and evidence of relevant two-year work experience, or satisfactory preparation for the course through previous study or professional experience.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

Employment prospects range from specialist HR roles to strategic planning partners, reflecting the importance of HRM in the organisation. Employment in the resources sector is particularly high, and those individuals with talent management skills are keenly sought after.

Professional Accreditation:

This course is accredited by the Australian Human Resource Institute (AHRI).

Main Research Areas:

Human resource management.

Nested Awards:

Students can opt out of the Master of Human Resources Management and exit with either the Postgraduate Certificate or Postgraduate Diploma subject to satisfying the course requirements.

Advanced Standing:

Up to 24 points of advanced standing is available to students with a recognised Graduate qualification in a cognate area and evidence of 2 years relevant work experience.

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Course Structure - 48 credit points**Core Units - 24 credit points**

MBS655 Human Resource Management Perspectives - 3 points
MURDOCH: S1-internal, S1-external

MBS688 Acquisition of Human Resources - 3 points
MURDOCH: S2-internal, S2-external

MBL501 Human Resource Management Law - 3 points
MURDOCH: S1-internal, S1-external

MBS625 Managing, Evaluating and Developing Human Resources - 3 points
MURDOCH: S1-internal, S1-external

MBS538 Organisational Behaviour and Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS668 Managing Remuneration, Benefits and Motivation - 3 points
MURDOCH: S2-internal, S2-external

MBS659 Quantitative Research for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS619 Qualitative Organisational Research - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Specified Electives - 24 credit points

Select from the following:

MBS685 Project Management - 3 points
MURDOCH: W-internal, W-external

MBS624 Employment Relations and Asia Pacific Contexts - 3 points
MURDOCH: S2-internal, S2-external

MBS648 Organisational Change, Management and Consultancy - 3 points
MURDOCH: S2-internal, S2-external

MBS687 Effective Leadership - 3 points
MURDOCH: S1-internal, S1-external

MBS689 Risk Management - 3 points
MURDOCH: S2-internal, S2-external

MBS675 International Business - 3 points

MURDOCH: S2-internal, S2-external

MBS647 Strategic Decision-Making - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBL618 Dispute Management - 3 points
MURDOCH: S1-internal, S1-external

MBL623 Work Health and Safety Law - 3 points
MURDOCH: S1-internal, S1-external

MBS651 Leading and Managing Nonprofit Organisations - 3 points
MURDOCH: S2-internal, S2-external

MBS673 Entrepreneurship and Innovation Management - 3 points
MURDOCH: S1-internal, S1-external

MBS636 International Business Negotiations - 3 points
MURDOCH: S2-internal, S2-external

MBS686 Economics and Business Strategy - 3 points
MURDOCH: S2-internal, S2-external

MBS620 Research Preparation for Business - 3 points
MURDOCH: S1-internal, S2-internal

MBS658 Supply Chain Management and Logistics - 3 points
MURDOCH: SUM-internal, SUM-external

MBS667 Digital Business - 3 points
MURDOCH: S2-internal, S2-external

Special Topics are available from time to time and maybe used as a specified elective. Students should contact the Academic Chair about availability.

Other units may be substituted with permission of the Academic Chair.

INCLUSIVE EDUCATION**GRADUATE CERTIFICATE IN INCLUSIVE EDUCATION (GRADCERTINCLUSIVEED)**

School of Education

Graduate Certificate in Inclusive Education (GradCertInclusiveEd)

Course Codes: C1117

Duration: 1 year part-time (due to unit availability)

Availability:

- Murdoch campus (external) (except for school experiences)
- Some units only: Murdoch campus (internal) (all but one unit)

Restriction: All graduate courses are subject to restriction.

This course is designed for teachers who want to enhance their capacity to respond to diversity among all students. It comprises three units of coursework addressing the provision of inclusive education programs.

These units focus on catering for diversity in the classroom and the teaching and learning adjustments that teachers can make for students with special needs, learning difficulties and disabilities in a range of education settings. The certificate also requires students to undertake a six-week practicum placement in an appropriate educational setting.

Admission Requirements (Onshore):

Recognised primary teaching qualification (three or four years). Students who are not qualified teachers but have had at least two years of full-time recent, relevant and satisfactory teaching experience may seek admission, but should note that the course does not constitute an initial teaching qualification.

English Competence:

English competence.

Special Requirements:

All students must have current criminal history clearances for placement in the practicum component of the Graduate Certificate.

The first is a current WA Department of Education Criminal History Record check. The second is a Working with Children Check. Under the Working with Children (Criminal Record Checking) Act 2004, compulsory criminal record checks are required for people working with children.

The appropriate application forms are available from the Murdoch University School of Education Professional Experience office. The form for the first check is also available from the office's web site and the WA Department of Education web site. Federal and State police clearances obtained through police stations are not acceptable. Students should refer to the Study at Murdoch section of this Handbook for further details on this important matter.

Employment Prospects:

This Graduate Certificate will prepare teachers for employment in special or inclusive education settings. It meets the requirements of the WA Department of Education to teach in a special or inclusive education setting.

Professional Recognition:

The qualification is a professional specialisation offering the opportunity for teachers to enhance their employment options and employability within the teaching field. The Certificate is recognised by the WA Department of Education.

Further Study:

Students who successfully complete the Graduate Certificate may apply for admission to the Graduate Diploma in Education Studies.

Course Structure - 12 credit points**Core Units - 12 credit points**

EDN5100 Professional Experience: Postgraduate - 3 points
MURDOCH: ST2-placement, ST3-placement
Enrolment in this unit should be in the last semester of study.

EDN518 Professional Development Portfolio - 3 points
MURDOCH: S1-external

EDN509 Inclusive Education: Contemporary Perspectives and Practices - 3 points
MURDOCH: S1-external

EDN506 Gifted Students with Diverse Learning Needs - 3 points
MURDOCH: S1-external

Some students may have already completed some of the above units or their equivalents. Exemptions may be obtained for units already completed, in which case students should substitute from the list of 500-level Education units in consultation with the Academic Chair. Applications for exemption should be submitted to the Accreditation Officer.

INFORMATION TECHNOLOGY**GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY (GRADCERTIT)**

School of Engineering and Information Technology

Graduate Certificate in Information Technology (GradCertIT)

Course Codes: C1109

Duration: 1 to 2 semesters (depending on unit selection)

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

The Graduate Certificate in Information Technology is designed to provide graduates in information technology related disciplines with a further qualification in the field. The course emphasises professional practice and effective communication using technical and nontechnical means. In addition, students select from a range of elective units according to their interests. The course may be completed over one semester full-time. Students may continue for a further semester and complete the Graduate Diploma in Information Technology Management.

Admission Requirements (Onshore):

Recognised Bachelor's degree (AQF Level 7) in IT, or a non-IT Bachelor's degree plus two years of relevant IT experience.

English Competence:

English competence.

Special Requirements:

The course is available by on-campus attendance only.

Employment Prospects:

Graduates of the Graduate Certificate in IT will be able to choose from a variety of IT-related careers, both as IT practitioners and in supervisory and administrative roles within a wide range of public and private organisations.

Further Study:

Students who successfully complete the Graduate Certificate may apply for admission to the Graduate Diploma in Information Technology Management.

Course Structure - 12 credit points**Core Units - 3 credit points**

ICT521 IT Professional Practice - 3 points
MURDOCH: S1-internal

Specified Electives - 9 credit points

Select from the following:

ICT505 Knowledge Management - 3 points
MURDOCH: S1-internal, S1-external

ICT546 Local Area Network Design and Implementation - 3 points
MURDOCH: S1-internal

ICT501 Business Analysis and Systems Development Approaches - 3 points
MURDOCH: S2-internal, S2-external

ICT508 Information Technology Project Management - 3 points
MURDOCH: S1-internal

ICT502 Applied Information Security Management - 3 points
MURDOCH: S2-internal, S2-external

Or other units approved by the Academic Chair.

GRADUATE DIPLOMA IN INFORMATION TECHNOLOGY MANAGEMENT

School of Engineering and Information Technology

Graduate Diploma in Information Technology Management

Course Codes: G1051

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

The Graduate Diploma in Information Technology Management is

designed to provide graduates in information technology related disciplines with a further qualification in the field. The course emphasises professional practice and effective communication using technical and nontechnical means. Security, knowledge management, data communications and business analysis are covered. In addition, students complete an individual study project in an area of interest.

Admission Requirements (Onshore):

Recognised relevant Bachelor's degree in IT (AQF Level 7);
or a recognised non-IT Bachelor's degree plus an approved Diploma in IT (AQF Level 8);
or a recognised non-IT Bachelor's degree plus two years of relevant IT experience;
or a recognised non-IT Honours degree (AQF Level 8).

English Competence:

English competence.

Special Requirements:

The course is available by on-campus attendance only.

Employment Prospects:

Graduates of the Graduate Diploma in IT Management will be able to choose from a variety of IT-related careers, both as IT practitioners and in supervisory and administrative roles within a wide range of public and private organisations.

Professional Recognition:

Graduates of this course are eligible for membership of the Australian Computer Society at the Professional Level.

Further Study:

Students who successfully complete the Graduate Diploma may apply for admission to the Master of Science in Information Technology (Internetworking and Security specialisation) or the Master of Network Management and Security.

Course Structure - 24 credit points

Core Units - 24 credit points

ICT521 IT Professional Practice - 3 points
MURDOCH: S1-internal

ICT505 Knowledge Management - 3 points
MURDOCH: S1-internal, S1-external

ICT546 Local Area Network Design and Implementation - 3 points
MURDOCH: S1-internal

ICT502 Applied Information Security Management - 3 points
MURDOCH: S2-internal, S2-external

ICT501 Business Analysis and Systems Development Approaches - 3 points
MURDOCH: S2-internal, S2-external

ICT504 Computer Forensics - 3 points
MURDOCH: S2-internal

ICT517 Advanced IT Study Project - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ICT508 Information Technology Project Management - 3 points
MURDOCH: S1-internal

GRADUATE DIPLOMA IN INTERNETWORKING AND SECURITY (GRADDIPINTWKSECUR)

School of Engineering and Information Technology

Graduate Diploma in Internetworking and Security (GradDiplntwkSecur)

Course Codes: G1059

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

The Graduate Diploma in Internetworking and Security provides a thorough and practical grounding in network design, network administration, network management and security. The course structure is flexible allowing students to tailor the course to meet their career needs. Students can choose units that target their skills in security, LAN and Wireless network design, global network design or network management.

Most specialisations prepare students to sit one or more industry certification exams. These certifications include Cisco Certified Network Associate (CCNA), Certified Wireless Network Administrator (CWNA), Cisco Certified Network Professional (CCNP), Managing Cisco Network Security (MCNS) and Cisco Secure PIX Firewall Advanced (CSPFA).

Admission Requirements (Onshore):

Recognised Bachelor's degree (AQF Level 7) or higher, or equivalent training, or five or more years of relevant work experience. Students who have completed the BSc in Internetworking and Security may not enrol in this course.

English Competence:

English competence.

Special Requirements:

Internet access is required for all students.

Employment Prospects:

The following employers are increasingly concerned with network performance and security: Network service providers, Banking and Finance organisations, Government and the Military. There is also scope to work as an independent network and security consultant.

Professional Recognition:

Graduates of this course are eligible for membership of the Australian Computer Society at the Professional Level.

Further Study:

Students who successfully complete the Graduate Diploma may apply for admission to the Master of Science in Information Technology (Internetworking and Security specialisation) or the Master of Network Management and Security.

Course Structure - 24 credit points

Core Units - 15 credit points

ICT546 Local Area Network Design and Implementation - 3 points
MURDOCH: S1-internal

ICT535 Advanced Business Data Communications - 3 points
MURDOCH: S2-internal

ICT502 Applied Information Security Management - 3 points
MURDOCH: S2-internal, S2-external

ICT503 Wireless Data Communications - 3 points
MURDOCH: S1-internal

ICT521 IT Professional Practice - 3 points
MURDOCH: S1-internal

Specified Electives - 9 credit points

Select from the following units, with a maximum of two units at 600 level.

ICT508 Information Technology Project Management - 3 points
MURDOCH: S1-internal

ICT504 Computer Forensics - 3 points
MURDOCH: S2-internal

ICT517 Advanced IT Study Project - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ICT613 Router and Firewall Security - 3 points
MURDOCH: S1-internal

ICT609 Network Switching - 3 points
MURDOCH: S1-internal

ICT611 Advanced Routing - 3 points
MURDOCH: S2-internal

MASTER OF INFORMATION TECHNOLOGY

School of Engineering and Information Technology

Master of Information Technology

Course Codes: M1220

Duration: 2 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

This course is a professional qualification in Information Technology, designed to provide candidates with appropriate practical understanding, skills and knowledge for managing IT use, change and development. The primary aim is to allow IT professionals an opportunity for professional upgrading or an extension of their qualifications and experience.

The degree may be completed in one of two ways:

- Coursework: students complete 48 credit points of advanced postgraduate units.
- Coursework and Dissertation: students complete 36 credit points of coursework units and a 12-credit point dissertation.

Students may exit the MSc(IT) at various points, to complete the Graduate Certificate in Information Technology or the Graduate Diploma in Information Technology Management or the Graduate Diploma in Internetworking and Security depending on unit selection. The Graduate Diploma in Information Technology Management forms the first half of the MSc(IT) (IT Management specialisation), and the Graduate Diploma in Internetworking and Security forms the first half of the MSc(IT) (Internetworking and Security specialisation).

Admission Requirements (Onshore):

Recognised Bachelor's degree (AQF Level 7) in IT or higher, or equivalent training, or recognised Graduate Diploma in IT, or a three-year non-IT degree plus approved Diploma in IT or recognised Graduate Diploma in IT, or any recognised non-IT Honours degree, or higher, plus five or more years of relevant work experience.

English Competence:

English competence.

Employment Prospects:

There is a critical need for modern IT professionals responsible for establishing, maintaining and developing information systems in a wide variety of sectors including commerce, telecommunications, health, education, architecture, mining, engineering, law and charities.

Professional Recognition:

Graduates of this course are eligible for membership of the Australian Computer Society at the Professional Level.

Further Study:

Students who successfully complete the Master of Science in Information Technology may apply for admission to the Doctor of Information Technology. The MSc(IT) (Coursework and Dissertation)

also enables students to move on to study for a PhD in Information Technology.

Nested Awards:

Students can opt out of the Master of Science in Information Technology and exit with the Graduate Certificate in Information Technology or the Graduate Diploma in Information Technology Management subject to satisfying the course requirements.

Coursework (IT Management Specialisation)

Course Structure - 48 credit points

University regulations require completion of a minimum of 24 points at 600-level and a maximum of 24 points at 500-level for a 48-point Masters by Coursework degree.

Core Units - 48 credit points

ICT521 IT Professional Practice - 3 points
MURDOCH: S1-internal

ICT505 Knowledge Management - 3 points
MURDOCH: S1-internal, S1-external

ICT546 Local Area Network Design and Implementation - 3 points
MURDOCH: S1-internal

ICT504 Computer Forensics - 3 points
MURDOCH: S2-internal

ICT502 Applied Information Security Management - 3 points
MURDOCH: S2-internal, S2-external

ICT501 Business Analysis and Systems Development Approaches - 3 points
MURDOCH: S2-internal, S2-external

ICT517 Advanced IT Study Project - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ICT616 Data Resources Management - 3 points
MURDOCH: S2-internal

ICT508 Information Technology Project Management - 3 points
MURDOCH: S1-internal

ICT615 Information Technology Research Methods - 3 points
MURDOCH: S1-internal

ICT612 Human Factors in Information Technology - 3 points
MURDOCH: S1-internal

ICT619 Intelligent Systems Applications - 3 points
MURDOCH: S2-internal

ICT622 Information Technology Strategy - 3 points
MURDOCH: S2-internal

ICT621 IT Group Project - 6 points
MURDOCH: S1-internal, S2-internal

ICT660 Special Topics in Information Technology - 3 points
Topic not currently available

Coursework (Internetworking and Security Specialisation)

Course Structure - 48 credit points

University regulations require completion of a minimum of 24 points at 600-level and a maximum of 24 points at 500-level for a 48 point Masters by Coursework degree.

Core Units - 39 credit points

ICT521 IT Professional Practice - 3 points
MURDOCH: S1-internal

ICT503 Wireless Data Communications - 3 points
MURDOCH: S1-internal

ICT546 Local Area Network Design and Implementation - 3 points

MURDOCH: S1-internal

ICT535 Advanced Business Data Communications - 3 points

MURDOCH: S2-internal

ICT502 Applied Information Security Management - 3 points

MURDOCH: S2-internal, S2-external

ICT616 Data Resources Management - 3 points

MURDOCH: S2-internal

ICT508 Information Technology Project Management - 3 points

MURDOCH: S1-internal

ICT615 Information Technology Research Methods - 3 points

MURDOCH: S1-internal

ICT609 Network Switching - 3 points

MURDOCH: S1-internal

ICT611 Advanced Routing - 3 points

MURDOCH: S2-internal

ICT613 Router and Firewall Security - 3 points

MURDOCH: S1-internal

ICT623 Networking Group Project - 6 points

Not available this year

Specified Electives - 9 credit points

Select from the following:

ICT504 Computer Forensics - 3 points

MURDOCH: S2-internal

ICT612 Human Factors in Information Technology - 3 points

MURDOCH: S1-internal

ICT619 Intelligent Systems Applications - 3 points

MURDOCH: S2-internal

ICT622 Information Technology Strategy - 3 points

MURDOCH: S2-internal

Coursework and Dissertation (IT Management Specialisation)

Course Structure - 48 credit points

University regulations require completion of a minimum of 24 points at 600-level and a maximum of 24 points at 500-level for a 48-point Masters by Coursework degree.

Core Units - 39 credit points

ICT521 IT Professional Practice - 3 points

MURDOCH: S1-internal

ICT505 Knowledge Management - 3 points

MURDOCH: S1-internal, S1-external

ICT546 Local Area Network Design and Implementation - 3 points

MURDOCH: S1-internal

ICT502 Applied Information Security Management - 3 points

MURDOCH: S2-internal, S2-external

ICT501 Business Analysis and Systems Development Approaches - 3 points

MURDOCH: S2-internal, S2-external

ICT517 Advanced IT Study Project - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ICT615 Information Technology Research Methods - 3 points

MURDOCH: S1-internal

ICT678 Information Technology Research Dissertation - 12 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

ICT508 Information Technology Project Management - 3 points

MURDOCH: S1-internal

ICT504 Computer Forensics - 3 points

MURDOCH: S2-internal

Specified Electives - 9 credit points

Select from the following:

ICT619 Intelligent Systems Applications - 3 points

MURDOCH: S2-internal

ICT622 Information Technology Strategy - 3 points

MURDOCH: S2-internal

ICT616 Data Resources Management - 3 points

MURDOCH: S2-internal

ICT612 Human Factors in Information Technology - 3 points

MURDOCH: S1-internal

Coursework and Dissertation (Internetworking and Security Specialisation)

Course Structure - 48 credit points

University regulations require completion of a minimum of 24 points at 600-level and a maximum of 24 points at 500-level for a 48 point Masters by Coursework degree.

Core Units - 39 credit points

ICT546 Local Area Network Design and Implementation - 3 points

MURDOCH: S1-internal

ICT503 Wireless Data Communications - 3 points

MURDOCH: S1-internal

ICT521 IT Professional Practice - 3 points

MURDOCH: S1-internal

ICT535 Advanced Business Data Communications - 3 points

MURDOCH: S2-internal

ICT502 Applied Information Security Management - 3 points

MURDOCH: S2-internal, S2-external

ICT615 Information Technology Research Methods - 3 points

MURDOCH: S1-internal

ICT609 Network Switching - 3 points

MURDOCH: S1-internal

ICT613 Router and Firewall Security - 3 points

MURDOCH: S1-internal

ICT611 Advanced Routing - 3 points

MURDOCH: S2-internal

ICT678 Information Technology Research Dissertation - 12 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Specified Electives - 9 credit points

Select from the following:

ICT504 Computer Forensics - 3 points

MURDOCH: S2-internal

ICT612 Human Factors in Information Technology - 3 points

MURDOCH: S1-internal

ICT508 Information Technology Project Management - 3 points

MURDOCH: S1-internal

ICT619 Intelligent Systems Applications - 3 points

MURDOCH: S2-internal

ICT622 Information Technology Strategy - 3 points

MURDOCH: S2-internal

ICT616 Data Resources Management - 3 points

MURDOCH: S2-internal

INTERNATIONAL AFFAIRS

MASTER OF INTERNATIONAL AFFAIRS (MIA)

Sir Walter Murdoch School of Public Policy and International Affairs

Master of International Affairs (MIA)

Course Codes: M1196

Duration: 2 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

The Master of International Affairs (MIA) is a genuinely multi-disciplinary professional degree that explores the political, economic, strategic, cultural and legal forces that shape our region and world. Taking advantage of Murdoch's Indo-Pacific location, the degree equips students with the knowledge and skills for careers in a wide variety of sectors including government and foreign affairs, international organisations, national and international NGOs, and the private sector.

MIA students will examine contemporary issues in political economy, global trade, resource management, the role of international institutions, international security and arms control, international law, human rights, conflict management, and regional architecture, and can choose from a range of electives to suit their professional needs and policy interests, including an opportunity to study Indonesian or Japanese.

Admission Requirements (Onshore):

Admission to the Masters degree is available to students who have a Bachelor degree in any area. A student's advanced standing is assessed at the time of application, taking into account level of higher study and/or professional experience.

English Competence:

English competence.

Employment Prospects:

Suitable for students working in or seeking a career in most areas of international affairs, including the public, private and not-for-profit sectors. MIA students will acquire the knowledge, skills and expertise necessary for careers in global public policy, in a broad range of settings such as foreign affairs ministries, security agencies, multinational corporations, regional and international organisations, and international NGOs.

Advanced Standing:

Up to 12 points (0.5 years) of advanced standing is available to students who have: a Bachelor degree with a major in International Affairs or a cognate area; or a Bachelor's degree in an unrelated discipline and Level 8 Graduate Certificate or Diploma in International Affairs or equivalent; or an Honours degree or equivalent in an unrelated discipline; or a Bachelor's degree in an unrelated discipline and two years of relevant documented professional experience.

Up to 24 points (1 year) of advanced standing is available to students with an Honours Bachelor degree or equivalent in International Affairs or a cognate area; or an honours degree or equivalent in an unrelated discipline and at least two years of relevant documented professional experience.

Exemption from Coursework Regulations:

In this course, where appropriate, undergraduate units (between 100- and 400-level) have been included to meet the learning outcomes for the entire course: postgraduate students can expect to be part of a learning community with undergraduate students in these units.

Course Structure - 48 credit points

Core Units - 24 to 33 credit points

Theory - 21 credit points

SWM634 International Relations Theories - 3 points
MURDOCH: S1-internal

SWM635 International Security and Strategy - 3 points
MURDOCH: S2-internal

LLM601 International Law - 3 points
MURDOCH: S1-internal

SWM632 International Political Economy - 3 points
MURDOCH: S2-internal

SWM633 International History - 3 points
MURDOCH: S1-internal

SWM636 Global Governance and International Institutions - 3 points
MURDOCH: S2-internal

SWM644 Public Policy and International Affairs Foundations - 3 points
MURDOCH: S1-internal

Capstone Experience - 3 to 12 credit points

Select one of the following options:

EITHER

SWM618 Social Science Research Design - 3 points
MURDOCH: S1-internal

and

SWM617 Supervised Research Thesis - 6 points
MURDOCH: S1-internal, S2-internal

OR

SWM618 Social Science Research Design - 3 points
MURDOCH: S1-internal

and

SWM6171 Supervised Research Thesis - 9 points
MURDOCH: S1-internal, S2-internal
(This 12,000- to 15,000-word Thesis unit can only be taken as a thesis with the approval of the Dean of the Sir Walter Murdoch School of Public Policy and International Affairs.)

OR

SWM619 Research Internship - 6 points
MURDOCH: S1-internal, S2-internal

OR

SWM620 Advanced Policy Case Study - 3 points
MURDOCH: S1-internal, S2-internal, W-internal

Alternatively, students can enrol in ART607 In-Country Studies Indonesia - 6 points [MURDOCH: SUM-internal] during the summer period. This is an ACICIS program. Students interested in this option should consult the ACICIS Secretariat and gain approval from the Academic Chair of International Affairs.

Specified Electives - 15 to 24 credit points

Select from the lists below:

Professional

MBS536 Financial Management Decision Making - 3 points
MURDOCH: S1-internal

MBS6411 Project Management - 3 points

MURDOCH: S1-internal

MBS687 Effective Leadership - 3 points
MURDOCH: S1-internal, S1-external

MBS655 Human Resource Management Perspectives - 3 points
MURDOCH: S1-internal, S1-external

MBS651 Leading and Managing Nonprofit Organisations - 3 points
MURDOCH: S2-internal, S2-external

MCC687 Managing Communication - 3 points
MURDOCH: S2-internal

SUS633 Disasters and Risk Management - 3 points
MURDOCH: S2-internal

SWM621 Ethical Challenges of Contemporary Societies - 3 points
MURDOCH: S2-internal

Policy

SWM622 Network Governance - 3 points
MURDOCH: S1-internal

ENV616 Environmental Policy for the 21st Century - 3 points
MURDOCH: S1-internal, S1-external

SWM623 Contemporary Dynamics in Asian International Affairs - 3 points
MURDOCH: S1-internal

SWM624 Global Trade Policy - 3 points
Not available this year

SWM625 States and Governance in Development - 3 points
Not available this year

SWM627 Counterterrorism Policy - 3 points
MURDOCH: S1-internal

BIO639 Biosecurity Threats and Invasions - 3 points
Not available this year

BIO681 Biosecurity for Food Security - 3 points
Not available this year

SWM641 E-Politics: the Internet and the Future of Power - 3 points
MURDOCH: S1-internal

SWM642 Islamic Politics and Development - 3 points
MURDOCH: S2-internal

SWM643 Political Violence - 3 points
MURDOCH: S2-internal

COD505 Mining, Communities and Sustainability - 3 points
MURDOCH: S2-internal, S2-external

Language

Students may take up to two language units. Placement in language units is at the discretion of the Academic Chair, following an assessment of the student's language skills. There may be restrictions for students completing the Masters in 24 points.

Japanese

JPN101 Japanese 1 - 3 points
MURDOCH: S1-internal

JPN172 Japanese IB - 6 points
Not available this year

JPN204 Japanese IIA - 4 points
MURDOCH: S1-internal

JPN205 Japanese IIB - 4 points
MURDOCH: S2-internal

JPN363 Japanese IIIA - 4 points
MURDOCH: S1-internal

JPN364 Japanese IIIB - 4 points
MURDOCH: S2-internal

Indonesian

IND101 Indonesian 1 - 3 points
MURDOCH: S1-internal, S1-external

IND102 Indonesian 2 - 3 points
MURDOCH: S2-internal, S2-external

IND261 Indonesian 2A - 4 points
MURDOCH: S1-internal, S1-external

IND262 Indonesian 2B - 4 points
MURDOCH: S2-internal, S2-external

IND361 Indonesian 3A - 4 points
MURDOCH: S1-internal, S1-external

IND362 Indonesian 3B - 4 points
MURDOCH: S2-internal, S2-external

MATHEMATICS TEACHING

GRADUATE CERTIFICATE IN MATHEMATICS TEACHING (GRADCERTMATHTEACH)

School of Education

Graduate Certificate in Mathematics Teaching (GradCertMathTeach)

Course Codes: C1038

Duration: 2 to 3 semesters part-time

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

This Certificate is designed for qualified teachers who want to develop some expertise in mathematics teaching in the early secondary school years. It builds on the learning that teachers have already acquired, with particular emphasis on the middle years and early secondary years.

Admission Requirements (Onshore):

Recognised Bachelor's degree or higher, or equivalent training, resulting in registration as a teacher.

English Competence:

English competence.

Study Options:

Because of prerequisite requirements, it is not possible to complete this course on a full-time basis.

Exemption from Coursework Regulations:

In this course, where appropriate, undergraduate units (between 100- and 400-level) have been included to meet the learning outcomes for the entire course: postgraduate students can expect to be part of a learning community with undergraduate students in these units.

Course Structure - 12 credit points

Note that EDN314 Mathematics and the Curriculum (Secondary) (Minor) must be taken in the final semester of study to satisfy prerequisite studies.

Core Units - 12 credit points

MAS164 Fundamentals of Mathematics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MAS180 Introduction to Statistics - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

DUBAI-ISC: TJD-internal, TSD-internal
KDUPJ: S1U-internal

EDN214 Thinking Mathematically for Teachers - 4 points
MURDOCH: S1-external, S2-internal, S2-external

EDN314 Mathematics and the Curriculum (Secondary) (Minor) - 2 points
MURDOCH: S1-internal, S1-external, S2-external
(At least two of the previous three units must be completed prior to enrolment in this unit.)

Students who have previously completed EDU162 Cultural Mathematics or EDN114 Thinking Mathematically or EDU262 Cultural Mathematics should consult with the Academic Chair for an alternative unit to EDN214 Thinking Mathematically for Teachers.

MEDIA PRODUCTION

GRADUATE CERTIFICATE IN MEDIA PRODUCTION (GRADCERTMEDPROD)

School of Arts

Graduate Certificate in Media Production (GradCertMedProd)

Course Codes: C1110

Duration: 1 semester full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

This is a production-based graduate-entry certificate consisting of one semester of full-time study or part-time equivalent. It provides an opportunity for graduates from any discipline to focus on the media, vocational and applied elements of the topic of their interest and in the context of specific projects in film, radio, television, print or multimedia.

This is an intensive hands-on course based on one-on-one consultation with a supervisor throughout the term of the certificate. The course will equip students with production skills and the ability to produce and manage in screen, radio or multimedia productions.

Admission Requirements (Onshore):

Recognised Bachelor's degree in media production, or equivalent training, or satisfactory preparation for the course through previous study or professional experience. Extensive production credits may also be considered as an appropriate equivalent entry qualification.

English Competence:

English competence.

Employment Prospects:

Television, film, video, radio and multimedia production organisations, media and cultural industries, public relations, education, arts management, television journalism, corporate communications, alternative media, and as freelance filmmakers.

Main Research Areas:

Media, Communication, Culture, Arts, Sociology.

Further Study:

Students who successfully complete the Graduate Certificate may apply for admission to the Graduate Diploma in Media Production.

Course Structure - 12 credit points

Core Units - 12 credit points

MCC533 Media Production Seminar - 3 points
MURDOCH: S1-internal, S2-internal

MCC5101 Advanced Topic in Media Production - 3 points
MURDOCH: S1-internal, S2-internal

MCC5102 Advanced Topic in Media Production - 3 points
MURDOCH: S1-internal, S2-internal

SCR510 Advanced Topic in Media Production - 3 points
MURDOCH: S1-internal, S2-internal

OR

MCC625 Professional Placement in Media Production - 3 points
MURDOCH: S1-placement, S2-placement, SUM-placement, W-placement

GRADUATE DIPLOMA IN MEDIA PRODUCTION (GRADDIPMEDPROD)

School of Arts

Graduate Diploma in Media Production (GradDipMedProd)

Course Codes: G1056

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

This is a production-based graduate-entry course consisting of one year of full-time study or part-time equivalent. It provides an opportunity for graduates from any discipline to focus on the media, vocational and applied elements of the topic of their interest and in the context of specific projects in film, radio, television, print or multimedia.

This is an intensive hands-on course based on one-on-one consultation with a supervisor throughout the term of the diploma. The course will equip students with production skills and the ability to produce and manage in screen, radio or multimedia productions.

Admission Requirements (Onshore):

Recognised Bachelor's degree in media production, or equivalent training, or satisfactory preparation for the course through previous study or professional experience. Extensive production credits may also be considered as an appropriate equivalent entry qualification.

English Competence:

English competence.

Employment Prospects:

Television, film, video, radio and multimedia production organisations, media and cultural industries, public relations, education, arts management, television journalism, corporate communications, alternative media, and as freelance filmmakers.

Main Research Areas:

Media, Communication, Culture, Arts, Sociology.

Course Structure - 24 credit points

Core Units - 24 credit points

MCC533 Media Production Seminar - 3 points
MURDOCH: S1-internal, S2-internal

MCC5101 Advanced Topic in Media Production - 3 points
MURDOCH: S1-internal, S2-internal

MCC5102 Advanced Topic in Media Production - 3 points
MURDOCH: S1-internal, S2-internal

SCR510 Advanced Topic in Media Production - 3 points
MURDOCH: S1-internal, S2-internal

OR



MCC625 Professional Placement in Media Production - 3 points
MURDOCH: S1-placement, S2-placement, SUM-placement,
W-placement

MCC538 Advanced Media Projects - 12 points
MURDOCH: S1-internal, S2-internal, Y-internal

MIGRATION LAW

GRADUATE CERTIFICATE IN AUSTRALIAN MIGRATION LAW AND PRACTICE (GRADCERTAUSMIGLAW)

School of Law

Graduate Certificate in Australian Migration Law and Practice
(GradCertAusMigLaw)

Course Codes: C1063 C1063A

Duration: 1 semester (intensive)

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

The Graduate Certificate in Australian Migration Law and Practice is an accredited professional training course which fulfils part of the requirements for individuals to become Registered Migration Agents.

The course will expose students to real-life migration problems and improve the practical, problem-solving and interpersonal skills of its participants, enabling them to function effectively in the important and challenging role of a Migration Agent.

Admission Requirements (Onshore):

- Evidence that you hold a current legal practising certificate (restricted or unrestricted) issued by an Australian body authorised by law in an Australian state or territory;
OR
- Evidence that you have successfully completed:
 - matriculation level (see Note 1) with a pass in English (not 'English as a Second Language') where English was the language of instruction at the school;
and
 - a Bachelor degree, or a higher degree, with a minimum of 3 years' equivalent full-time study, where:
 - the degree was conferred by an Australian, New Zealand, UK or Canadian University
 - the study was undertaken while the person was residing in the country where the degree was awarded; and
 - English was the language of instruction at the University
- OR
- current enrolment in Bachelor of Laws (subject to the approval of the Academic Chair)
OR
- a Bachelor's degree and an IELTS academic of 6.5 with no lower than 6.0 in any band
OR
- Successful completion of Murdoch's pre-law course
OR
- Otherwise in exceptional circumstances on the premise of Academic Chair approval.

English Competence:

International students demonstrating English competence via IELTS need a score of 6.5, with no individual band less than 6.0.

Professional Recognition:

Migration Agents' Registration Authority (MARA).

Course Structure - 12 credit points

Core Units - 12 credit points

LLB502 Australian Migration Law - 3 points
MURDOCH: SP22-internal, UA1-internal

LLB503 Australian Visa System - 3 points
MURDOCH: AU10-internal, SP1-internal

LLB505 Migration Law in Practice - 3 points
MURDOCH: AU11-internal, SP9-internal

LLB504 Visa Compliance, Cancellation and Review - 3 points
MURDOCH: AU1-internal

NURSING

GRADUATE CERTIFICATE IN COMMUNITY NEUROLOGICAL NURSING (GRADCERTCOMMNEURNURSING)

School of Health Professions

Graduate Certificate in Community Neurological Nursing
(GradCertCommNeurNursing)

Course Codes: C1121

Duration: 1 year part-time

Availability:

- Not currently available to new admissions
- This course is not available to international students studying in Australia on a student visa; it is available to international students on other visas if visa conditions allow.

Restriction: All graduate courses are subject to restriction.

This course is designed to provide formal learning opportunities for Registered Nurses working in the community sector to develop skills and knowledge in the area of community neurological nursing. The neuroscience of anatomy and physiology, pathophysiology, aetiology, and course of specific neurological conditions will be explored as well as the psychological, mental and socio-economic impacts of a neurological diagnosis in the context of ongoing and long term supportive nursing care.

Admission Requirements (Onshore):

Completion of a Bachelor degree (AQF Level 7) in Nursing. Applicants with a 3 year Nursing Diploma and professional experience will be considered on a case-by-case basis.

Australian applicants or those with permanent resident status are required to be currently registered with the Nurses and Midwives Board of Australia (NMBA) and working in a Community Health Setting or other relevant Health setting.

English Competence:

Students who are registered with the NMBA will meet the University's English language requirements for admission into the course. No further proof of English language competence will be required.

Special Requirements:

Registration with the Nurses & Midwives Board of Australia with current or intending employment in the community nursing sector.

Australian Health Practitioners Registration Authority:

It is now a requirement of the Australian Health Practitioners Registration Authority that registered nurses are able to demonstrate ongoing professional development.

Course Structure - 12 credit points

Core Units - 9 credit points

NUR571 Community Neurological Nursing - 3 points
PEEL: S1-external, S2-external

NUR572 Advanced Nursing Practice - 3 points
PEEL: S1-external, S2-external

NUR573 Concepts for Neurological Health Management - 3 points
PEEL: S1-external, S2-external

Course Structure - 12 credit points

Specified Elective - 3 credit points

Select from the following:

SHP501 Quality and Safety in Health Care - 3 points
MURDOCH: S1-external, S2-external

SHP511 Strategic Leadership in Health Care - 3 points
MURDOCH: S1-external, S2-external

ORGANISATIONAL HUMAN RESOURCES AND SAFETY

GRADUATE CERTIFICATE IN HUMAN RESOURCES AND SAFETY

School of Psychology and Exercise Science

Graduate Certificate in Human Resources and Safety

Course Codes: C1114

Duration: 1 to 2 years part-time only

Availability:

- Murdoch campus (internal)
- This course is not available to international students studying in Australia on a student visa; it is available to international students on other visas if visa conditions allow.

Restriction: All graduate courses are subject to restriction.

This Graduate Certificate is relevant to those wishing to apply knowledge of organisational psychology in business, industrial and other organisational contexts. It is particularly appropriate as a second discipline area for graduates in Commerce, Law, Education, Sociology, and Environmental or Biological Science who intend working in an area requiring knowledge of: Job Assessment Methods, Performance Appraisal, Staffing, Human Resource Development, Training, Safety, Rehabilitation, Retirement, Retrenchment, Management of Change and Organisational Decision Making.

Although enrolment is open to graduates in any discipline, candidates should possess a functional understanding of statistics and research methods. Candidates holding a four-year psychology degree and who intend to pursue a career as a Registered Psychologist should normally enrol for the Master of Applied Psychology. However, those four-year psychology graduates who complete the Graduate Certificate, and who subsequently enrol in the Masters course will be given credit for relevant units completed. (Note that students without a four-year degree in Psychology are not eligible for admission to the Master of Applied Psychology).

The Graduate Certificate requires the completion of three core units and an elective unit.

Admission Requirements (Onshore):

Recognised Bachelor's degree (AQF Level 7) or higher, or equivalent training, in any discipline preferably including quantitative or statistical skills.

English Competence:

English competence.

Employment Prospects:

This Graduate Certificate is available to graduates of any discipline, including psychology, who do not intend to pursue a career as a Registered Psychologist but who intend to work in an area where knowledge of organisational psychology human resources and safety will be of benefit.

Further Study:

Students who successfully complete the Postgraduate/Graduate Certificate may apply for admission to the Graduate Diploma in Consultancy Psychology.

Course Structure - 12 credit points

Core Units - 9 credit points

PSY568 Human Resources - 3 points
MURDOCH: S1-external

PSY512 Work and Well-being - 3 points
MURDOCH: S2-external

PSY552 Organisation of Work - 3 points
MURDOCH: S2-external

Specified Elective - 3 credit points

Select from the following:

MBS537 Strategic Marketing Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

EDU645 Adult Learning in Education and Work - 3 points
MURDOCH: S2-external

EDU637 Program Evaluation - 3 points
MURDOCH: S1-external

EDU616 Teaching, Learning and Working in Culturally Diverse Environments - 3 points
MURDOCH: S1-internal, S1-external

EDN546 Dynamics of Cultural Diversity in the Workplace and the Community - 3 points
MURDOCH: S1-internal

MBS539 Accounting for Managers - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBL502 Law for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Other electives at 500/600-level may be substituted with permission from the Academic Chair.

PLANT BIOSECURITY

GRADUATE CERTIFICATE IN PLANT BIOSECURITY (GRADCERTPLANTBIOSEC)

School of Veterinary and Life Sciences

Graduate Certificate in Plant Biosecurity (GradCertPlantBiosec)

Course Codes: C1088

Duration: 1 semester full-time (semester 1 only)

Availability:

- Murdoch campus (external)
- International students must commence in Semester 1 only.

Restriction: All graduate courses are subject to restriction.

Biosecurity is a growing field of activity for many professionals involved in agriculture, the environment and international and domestic trade. This growth is driven by the need to maintain agricultural and environmental integrity in a world where, due to ever increasing levels of trade and human movement, exotic

plant-affecting organisms pose major and ongoing threats. Biosecurity is central to the management of these threats, with a continuum of activities involving risk analysis, quarantine and surveillance to stop the entry of exotic organisms, rapid emergency response in the event of an exotic incursion, and then the management of pest organisms if they permanently establish and impact on trade.

This course has been developed in consultation with government representatives from Canada, the United States, New Zealand and Australia. Students graduating from the course can do so with the knowledge that their degree will meet the highest level of industry requirement.

Admission Requirements (Onshore):

A Bachelor's degree or higher, or significant professional experience, in plant biosecurity or a related discipline (for example entomology, plant pathology, quarantine).

English Competence:

English competence.

Special Requirements:

Internet access is required for all students. All material will be flexibly delivered using the latest online technology.

Employment Prospects:

Graduates will be able to pursue careers in biosecurity, quarantine and pest management, acting in technical, research and administrative roles, with organisations such as the State Departments of Agriculture, State Biosecurity Agencies, Biosecurity Services, Plant Health Australia and private industry, or their international counterparts.

Professional Recognition:

Graduates will be eligible to apply for membership to societies such as the Australian Entomological Society, the Australian Plant Pathology Society, the Australian Ecological Society, the Australian Institute of Agricultural Science, the Australian Society of Horticultural Sciences and the Australian Society for Risk Analysis.

Further Study:

Students who successfully complete the Graduate Certificate may apply for admission to the Graduate Diploma or Masters in Plant Biosecurity.

Course Structure - 12 credit points

Core Units - 6 credit points

BIO537 Plant Biosecurity: Detection and Diagnostics - 3 points
MURDOCH: S1-external

BIO538 Plant Biosecurity in Practice - 3 points
MURDOCH: S1-external

Specified Electives - 6 credit points

Select from the following:

OTH541 Biosecurity Plant Pests - Invertebrates (University of Queensland) - 3 points

OTH542 Biosecurity Plant Pests - Pathogens (La Trobe University BOT5BPP) - 3 points

OTH543 Biosecurity Plant Pests - Weeds (University of Adelaide PLANT SC 7023EX) - 3 points

GRADUATE DIPLOMA IN PLANT BIOSECURITY (GRADDIPPLANTBIOSEC)

School of Veterinary and Life Sciences

Graduate Diploma in Plant Biosecurity (GradDipPlantBiosec)

Course Codes: G1047

Duration: 1 year full-time

Availability:

- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

Biosecurity is a growing field of activity for many professionals involved in agriculture, the environment and international and domestic trade. This growth is driven by the need to maintain agricultural and environmental integrity in a world where, due to ever increasing levels of trade and human movement, exotic plant-affecting organisms pose major and ongoing threats. Biosecurity is central to the management of these threats, with a continuum of activities involving risk analysis, quarantine and surveillance to stop the entry of exotic organisms, rapid emergency response in the event of an exotic incursion, and then the management of pest organisms if they permanently establish and impact on trade.

This course has been developed in consultation with government representatives from Canada, the United States, New Zealand and Australia. Students graduating from the course can do so with the knowledge that their degree will meet the highest level of industry requirement.

Admission Requirements (Onshore):

A Bachelor's degree, or significant professional experience, in plant biosecurity or a related discipline (for example entomology, plant pathology, quarantine).

English Competence:

English competence.

Special Requirements:

Internet access is required for all students. All material will be flexibly delivered using the latest online technology.

Employment Prospects:

Graduates will be able to pursue careers in biosecurity, quarantine and pest management, acting in technical, research and administrative roles, with organisations such as the State Departments of Agriculture, State Biosecurity Agencies, Biosecurity Services, Plant Health Australia and private industry, or their international counterparts.

Professional Recognition:

Graduates will be eligible to apply for membership to societies such as the Australian Entomological Society, the Australian Plant Pathology Society, the Australian Ecological Society, the Australian Institute of Agricultural Science, the Australian Society of Horticultural Sciences and the Australian Society for Risk Analysis.

Further Study:

Students who successfully complete the Graduate Diploma may apply for admission to the Master of Plant Biosecurity.

Nested Awards:

Students can opt out of the Graduate Diploma of Plant Biosecurity and exit with the Graduate Certificate, subject to satisfying the course requirements.

Course Structure - 24 credit points

Core Units - 18 credit points

BIO537 Plant Biosecurity: Detection and Diagnostics - 3 points

MURDOCH: S1-external

BIO538 Plant Biosecurity in Practice - 3 points
MURDOCH: S1-external

OTH544 Invasion Biology (University of Adelaide PLANT SC 7022EX) - 3 points

OTH545 Risk Analysis (University of Adelaide) - 3 points

OTH546 Community Engagement (Charles Darwin University SBI401) - 3 points

BIO539 Biosecurity Policy Framework Obligations - 3 points
MURDOCH: S2-external

Specified Electives - 6 credit points

Select from the following:

OTH541 Biosecurity Plant Pests - Invertebrates (University of Queensland) - 3 points

OTH542 Biosecurity Plant Pests - Pathogens (La Trobe University BOT5BPP) - 3 points

OTH543 Biosecurity Plant Pests - Weeds (University of Adelaide PLANT SC 7023EX) - 3 points

MASTER OF PLANT BIOSECURITY (MPLANTBIOSEC)

School of Veterinary and Life Sciences

Master of Plant Biosecurity (MPlantBiosec)

Course Codes: M1219

Duration: 2 years full-time or part-time equivalent

Availability:

- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

Biosecurity is a growing field of activity for many professionals involved in agriculture, the environment and international and domestic trade. This growth is driven by the need to maintain agricultural and environmental integrity in a world where, due to ever increasing levels of trade and human movement, exotic plant-affecting organisms pose major and ongoing threats. Biosecurity is central to the management of these threats, with a continuum of activities involving risk analysis, quarantine and surveillance to stop the entry of exotic organisms, rapid emergency response in the event of an exotic incursion, and then the management of pest organisms if they permanently establish and impact on trade.

This course has been developed in consultation with representatives from Canada, United States, New Zealand and Australia. Students graduating from the course can do so with the knowledge that their degree will meet the highest level of industry requirement.

Admission Requirements (Onshore):

A Bachelor degree, Graduate Certificate or Graduate Diploma in Plant Biosecurity or a related discipline (for example entomology, plant pathology, quarantine).

English Competence:

English competence.

Special Requirements:

Internet access is required for all students.

Employment Prospects:

Graduates will be able to pursue careers in biosecurity, quarantine and pest management, acting in technical, research and administrative roles, with organisations such as the State Departments of Agriculture, State and Federal Biosecurity Agencies,

Plant Health Australia and private industry, or their international counterparts.

Professional Recognition:

Graduates will be eligible to apply for membership to societies such as the Australian Entomological Society, the Australian Plant Pathology Society, the Australian Ecological Society, the Australian Institute of Agricultural Science, the Australian Society of Horticultural Sciences and the Australian Society for Risk Analysis.

Nested Awards:

Students can opt out of the Masters of Plant Biosecurity and exit with the Graduate Certificate or Graduate Diploma subject to satisfying the course requirements.

Course Structure - 48 credit points

Core Units - 42 credit points

BIO629 Plant Biosecurity Masters Research Dissertation - 12 points
MURDOCH: S1-external, S2-external, Y-external

BIO537 Plant Biosecurity: Detection and Diagnostics - 3 points
MURDOCH: S1-external

BIO538 Plant Biosecurity in Practice - 3 points
MURDOCH: S1-external

OTH544 Invasion Biology (University of Adelaide PLANT SC 7022EX) - 3 points

OTH545 Risk Analysis (University of Adelaide) - 3 points

OTH546 Community Engagement (Charles Darwin University SBI401) - 3 points

BIO539 Biosecurity Policy Framework Obligations - 3 points
MURDOCH: S2-external

ENV683 Advanced Environmental Science Research Methods - 3 points
MURDOCH: S1-internal, S1-external

ENV616 Environmental Policy for the 21st Century - 3 points
MURDOCH: S1-internal, S1-external

ENV680 Climate Change Adaptation: Ecosystems and Societies - 3 points
MURDOCH: S2-internal, S2-external

VET641 Principles of Epidemiology - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Specified Electives - 6 credit points

Select from the following:

OTH541 Biosecurity Plant Pests - Invertebrates (University of Queensland) - 3 points

OTH542 Biosecurity Plant Pests - Pathogens (La Trobe University BOT5BPP) - 3 points

OTH543 Biosecurity Plant Pests - Weeds (University of Adelaide PLANT SC 7023EX) - 3 points

PSYCHOLOGY

GRADUATE DIPLOMA IN CONSULTANCY PSYCHOLOGY (GRADDIPCONSULTPSYCH)

School of Psychology and Exercise Science

Graduate Diploma in Consultancy Psychology (GradDipConsultPsych)

Course Codes: G1057

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

This course is designed to provide candidates with advanced skills and knowledge in organisational psychology and consulting practice. The course is suitable for individuals who wish to establish themselves as consultants to business and other forms of organisations or work within organisations in consulting relationships. The curriculum combines a range of postgraduate organisational psychology units with elective options drawn from the areas of psychology, counselling and business. Credit for relevant units completed is transferable should a candidate later enrol in the Master of Applied Psychology.

Admission Requirements (Onshore):

Recognised Bachelor's degree (AQF Level 7) in any discipline combined with at least one year of relevant work or study experience. Note that some elective units are only available to candidates who have completed four years of study in Psychology or its equivalent.

English Competence:

English competence.

Employment Prospects:

Excellent prospects for employment. This course is designed to provide candidates with advanced skills and knowledge in organisational psychology and consulting practice. The course is suitable for individuals who wish to establish themselves as consultants to business and other forms of organisations or work within organisations in consulting relationships.

Further Study:

Students who successfully complete the Graduate Diploma may apply for admission to the Master of Applied Psychology in Organisational Psychology.

Course Structure - 24 credit points**Core Units - 12 credit points**

PSY568 Human Resources - 3 points
MURDOCH: S1-external

PSY512 Work and Well-being - 3 points
MURDOCH: S2-external

PSY552 Organisation of Work - 3 points
MURDOCH: S2-external

PSY563 Professional Practice and Organisational Consulting - 3 points
MURDOCH: S1-external

Specified Electives - 12 credit points

Select from the following:

PSY562 Psychological Assessment: Theory and Method - 3 points
MURDOCH: Y-internal
(Only available to students with an accredited four-year Psychology degree or equivalent.)

PSY570 Organisational Psychology: Practicum I - 3 points
MURDOCH: S2-internal
(Only available to students with an accredited four-year Psychology degree or equivalent.)

MBS539 Accounting for Managers - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS537 Strategic Marketing Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS645 Business Finance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBL502 Law for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

EDN546 Dynamics of Cultural Diversity in the Workplace and the Community - 3 points
MURDOCH: S1-internal

Other electives may be taken with the permission of the Academic Chair.

GRADUATE DIPLOMA IN PSYCHOLOGY (GRADDIPPSYCH)

School of Psychology and Exercise Science

Graduate Diploma in Psychology (GradDipPsych)

Course Codes: G1058

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

The Graduate Diploma in Psychology provides a fourth year of study in Psychology for graduates who already have completed an accredited three-year undergraduate degree in Psychology. The Diploma thus assists people who wish to meet the minimum educational qualification requirements for registration to work as a psychologist. Students in the Diploma must complete coursework at an advanced level as well as a group-based research project written up as a thesis.

Admission Requirements (Onshore):

Recognised three-year Bachelor's degree in Psychology from an accredited program. Some students may be required to complete additional units to satisfy specified unit prerequisites.

The Academic Chair will consider applications and recommend students for admission based on an assessment of the student's preparedness to cope with the Graduate Diploma in Psychology, and on current teaching resources available to the school. In some cases, the Academic Chair may recommend a student for admission, but require the student to complete additional designated Murdoch units offered in earlier years than the 4th year.

Quota: The number of students accepted into the course will be determined on a semester-by-semester basis, and will depend upon available resources.

Applications: The application process will coincide with that of all other postgraduate degrees offered in the School of Psychology and Exercise Science, with close-off dates for the applications occurring approximately one month before the beginning of the following semester.

English Competence:

English competence.

Employment Prospects:

Students who complete this Diploma will have satisfied the minimum educational requirements for registration to work as a psychologist in Western Australia (provided that their undergraduate degree is from an accredited psychology program), and will also be eligible to apply for entry into relevant Master courses in applied psychology. Graduates will be able to work in many areas of psychology and the helping professions.

Professional Recognition:

The course is fully accredited by the Australian Psychology Accreditation Council (APAC), and is recognised as such by the Australian Psychological Society (APS) and the Western Australian Psychologists' Registration Board.

Course Structure - 24 credit points

Core Units - 24 credit points

PSY541 Psychology Project - 12 points
MURDOCH: H-internal, Y-internal

PSY599 Graduate Seminar in Psychology - 3 points
MURDOCH: S1-internal

PSY598 Advanced Psychological Assessment - 3 points
MURDOCH: S1-internal

PSY536 Psychology: Principles and Processes of Psychological Intervention - 3 points
MURDOCH: S2-internal

PSY544 Psychology: Practical Placement - 3 points
MURDOCH: S1-placement (quota of 40 places), S2-placement (quota of 40 places)

**MASTER OF APPLIED PSYCHOLOGY
(CLINICAL PSYCHOLOGY) (MAPPPSYCH)**

School of Psychology and Exercise Science

Master of Applied Psychology (MAppPsych) (Clinical Psychology)

Course Codes: M1156

Duration: 2 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

This professionally-accredited course adheres to a scientist-practitioner model which stresses a systematic problem-solving approach. Its objective is to prepare psychologists who are skilled in individual casework and can apply their skills and knowledge to prevention, research, development, and evaluation at the individual and system levels.

The course consists of two years of full-time study or may be undertaken on a part-time basis over not more than eight years. The course includes coursework, practicum, and research components which will qualify them as clinical psychologists at Master's degree level.

Candidates undertake at least three approved placements. The University cooperates with the Commonwealth and State Public Services, such as the Department of Health, Department for Community Development, Department of Justice, Disability Services Commission, WA Police Service and other public and private services and facilities in Western Australia. Candidates must include at least one placement in an adult clinical facility, one in a child clinical facility, and one in a rehabilitation facility; two of these placements must be external to the University.

Admission Requirements (Onshore):

Entry to the program is very competitive and requires a recognised and accredited Bachelor of Arts degree (or Bachelor of Science degree) with at least 2A Honours in Psychology or its equivalent (e.g. an average Distinction level in a Bachelor of Psychology or Postgraduate/Graduate Diplomas in Psychology). Applicants will also need to supply referee reports and a personal statement that details their past accomplishments, future plans, and interests in the graduate psychology program for which they have applied as part of the admission process.

Students with overseas qualifications who are accepted into the course and who wish to seek registration in Australia after graduation should ensure that their undergraduate qualifications meet the requirements of the relevant psychology registration board for equivalence to a four-year Australian degree in Psychology. Applications with qualifications obtained outside Australia must have a formal assessment completed by the Australian Psychological Society before submitting an application

for study.

The admission process includes both application and interview.

English Competence:

English competence.

Special Requirements:

Graduate students must be registered from the start of their higher degree as a provisional psychologist. Within the first two weeks of commencing the program, the student must gain provisional registration with Psychology Board of Australia. As many agencies require all staff working with their clients or patients to have a police clearance, applicants are required to obtain a Federal police clearance (which will include WA clearance). In addition, if working with children a separate screening by the Department of Community Development is required. Clearly any agency will only be seeking information about behaviours that may place vulnerable clients at risk and will not be interested in any other type of behaviours. The applicant meets the cost of these clearances. Please note that some organisations providing professional placements require students to provide full immunisation records. Applicants must be in a position to provide these records if required.

Employment Prospects:

Job prospects for psychologists are very good; employment growth is expected to be strong following recent government initiatives. On graduation from this course, students will be highly employable in a wide variety of areas, including private practice as a registered psychologist, and working in various public and private sector agencies in areas such as health, community development, justice, education, and disabilities.

Professional Recognition:

This course is fully accredited by the Australian Psychology Accreditation Council (APAC), and is recognised as such by the Australian Psychological Society (APS) and the Western Australian Psychologists' Registration Board.

Admission to Doctor of Psychology and combined MAppPsych/PhD:

Students who complete the first year of the Master of Applied Psychology may apply to transfer to the Doctor of Psychology and will be exempt from the units already completed which are common to both degrees. During their first year of study, students may also apply for enrolment in a PhD and if accepted may enter the combined MAppPsych/PhD course.

Other Facilities and Services:

Murdoch University has a Psychology Clinic to act as a practical training facility.

Course Structure - 48 credit points

Candidates must normally successfully complete the following units to meet Registration and Specialist Entitlement requirements for Clinical Psychologists.

Year 1 - 24 credit points**Core Units - 24 credit points**

PSY562 Psychological Assessment: Theory and Method - 3 points
MURDOCH: Y-internal

PSY537 Clinical Psychology: Internal Practicum (Child, Youth and Family) - 3 points
MURDOCH: SUM-placement, Y-placement

PSY538 Clinical Psychology: Internal Practicum (Adult) - 3 points
MURDOCH: SUM-placement, Y-placement

PSY564 Clinical Psychology: Working with Children and Families - 3 points
MURDOCH: S1-internal

PSY565 Clinical Psychology: Working with Adults - 3 points
MURDOCH: S1-internal

PSY567 Clinical Psychology: Developmental Disabilities - 3 points
MURDOCH: S2-internal

PSY569 Psychotherapy in Practice - 3 points
MURDOCH: Y-internal

PSY502 Clinical Psychology: Working with Health Problems - 3 points
MURDOCH: S2-internal

Year 2 - 24 credit points

Core Units - 24 credit points

PSY655 Psychology: Advanced Thesis Research Methods - 2 points
MURDOCH: Y-internal

PSY690 Applied Psychology Dissertation - 10 points
MURDOCH: S1-internal, S2-internal, Y-internal

PSY604 Clinical Psychology: External Practicum - 12 points
MURDOCH: S1-placement, S2-placement, SUM-placement, Y-placement

MASTER OF APPLIED PSYCHOLOGY (ORGANISATIONAL PSYCHOLOGY) (MAPPPSYCH)

School of Psychology and Exercise Science

Master of Applied Psychology (MAppPsych) (Organisational Psychology)

Course Codes: M1157

Duration: 2 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

This professionally-accredited course adheres to a scientist-practitioner model which stresses a systematic problem-solving approach. Its objective is to prepare psychologists who are skilled in individual casework and can apply their skills and knowledge to prevention, research, development, and evaluation at the individual, organisational and system levels.

The course consists of two years of full-time study or may be undertaken on a part-time basis over not more than eight years. The course includes coursework, practicum, and research components. Candidates will cover core and optional aspects in their course, which will qualify them as organisational psychologists at Master's degree level.

Candidates undertake at least three approved placements. The University cooperates with the Commonwealth and State Public Services, such as the Department of Health, Department of Consumer and Employment Protection, Department for Community Development, Department of Justice, Education Department of Western Australia, Disability Services Commission, WA Police Service and other public and private services and facilities in Western Australia. Experience in other community psychological areas such as rehabilitation and social service is also available. Candidates must complete four placements, three of which must be conducted in external public or private organisations.

Admission Requirements (Onshore):

Entry to the program is very competitive and requires a recognised and accredited Bachelor of Arts degree (or Bachelor of Science degree) with at least 2A Honours in Psychology or its equivalent (e.g. an average Distinction level in a Bachelor of Psychology or Postgraduate/Graduate Diplomas in Psychology). Applicants will also need to supply referee reports and a personal statement that details their past accomplishments, future plans, and interests in the

graduate psychology program for which they have applied as part of the admission process.

Students with overseas qualifications who are accepted into the course must ensure that their undergraduate qualifications meet the requirements of the relevant psychology registration board for equivalence to a four-year Australian degree in Psychology in order to be registered from the start of their higher degree as a provisional psychologist. Applications with qualifications obtained outside Australia must have a formal assessment completed by the Australian Psychological Society before submitting an application for study.

The admission process includes both application and interview.

English Competence:

English competence.

Special Requirements:

Graduate students must be registered from the start of their higher degree as a provisional psychologist. Within the first two weeks of commencing the program, the student must gain provisional registration with Psychology Board of Australia. As many agencies require all staff working with their clients or patients to have a police clearance, applicants are required to obtain a Federal police clearance (which will include WA clearance). In addition, if working with children a separate screening by the Department of Community Development is required. Clearly any agency will only be seeking information about behaviours that may place vulnerable clients at risk and will not be interested in any other type of behaviours. The applicant meets the cost of these clearances. Please note that some organisations providing professional placements require students to provide full immunisation records. Applicants must be in a position to provide these records if required.

Employment Prospects:

Job prospects for applied organisational psychologists are very good; employment growth is expected to reflect the strength of the economy. On graduation from this course, students will be highly employable as a registered psychologist working in various public agencies and across a wide variety of private sectors.

Professional Recognition:

This course is fully accredited by the Australian Psychology Accreditation Council (APAC), and is recognised as such by the Australian Psychological Society (APS) and the Western Australian Psychologists' Registration Board.

Admission to Doctor of Psychology and combined MAppPsych/PhD:

Students who complete the first year of the Master of Applied Psychology may apply to transfer to the Doctor of Psychology and will be exempt from the units already completed which are common to both degrees. During their first year of study, students may also apply for enrolment in a PhD and if accepted may enter the combined MAppPsych/PhD course.

Other Facilities and Services:

Murdoch University has a Psychology Clinic, the Counselling Psychology Consulting Service and the Organisational Psychology Consulting Service to act as practical training facilities and community services.

Course Structure - 48 credit points

University regulations require completion of a minimum of 24 points at 600-level and a maximum of 24 points at 500-level for a 48-point Masters by Coursework degree.

Candidates must normally successfully complete the following units to meet Registration and Specialist Entitlement requirements for Organisational Psychologists.

Year 1 - 24 credit points**Core Units - 21 credit points**

PSY562 Psychological Assessment: Theory and Method - 3 points
MURDOCH: Y-internal

PSY570 Organisational Psychology: Practicum I - 3 points
MURDOCH: S2-internal

PSY563 Professional Practice and Organisational Consulting - 3 points
MURDOCH: S1-external

PSY568 Human Resources - 3 points
MURDOCH: S1-external

PSY512 Work and Well-being - 3 points
MURDOCH: S2-external

PSY552 Organisation of Work - 3 points
MURDOCH: S2-external

PSY565 Clinical Psychology: Working with Adults - 3 points
MURDOCH: S1-internal

Specified Electives - 3 credit points

Select from the following:

MBS539 Accounting for Managers - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS537 Strategic Marketing Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS645 Business Finance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBL502 Law for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

EDN546 Dynamics of Cultural Diversity in the Workplace and the Community - 3 points
MURDOCH: S1-internal

An Independent Study Contract at 500/600 level - 3 points

Other electives with the permission of the Academic Chair.

Year 2 - 24 credit points**Core Units - 24 credit points**

PSY655 Psychology: Advanced Thesis Research Methods - 2 points
MURDOCH: Y-internal

PSY690 Applied Psychology Dissertation - 10 points
MURDOCH: S1-internal, S2-internal, Y-internal

PSY603 Organisational Psychology: Practicum II - 12 points
MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal

**MASTER OF APPLIED PSYCHOLOGY +
DOCTOR OF PHILOSOPHY
(MAPPSYCH+PHD)**

School of Psychology and Exercise Science

Master of Applied Psychology (MAppPsych) + Doctor of Philosophy (PhD)

Course Codes: D1028 M1156 M1157

Duration: 4 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

This combined course is offered to students wishing to combine professional training at Master's level in Clinical or Organisational Psychology with compatible research at the PhD level. It combines a

thorough professional training in the chosen area of specialisation with the high level of research training associated with doctoral-level studies.

The course allows students to fulfil the requirements of both the relevant Masters degree and the PhD. Students who have a strong academic record demonstrating particular strength in the area of research may be considered for entry.

Candidates will normally complete the full first year of the Masters course before going on to enrol in the PhD for the second, third and fourth years. Students are exempted from the Masters thesis requirement and normally complete a 12-point external placement unit concurrently with the PhD commitment. Whilst candidates are advised to complete the first year of the Masters course in advance of beginning the PhD, it is possible to begin with the latter.

There are two Masters courses available: in Clinical Psychology and in Organisational Psychology. Coursework is selected and placements organised according to the area of specialisation. It is a requirement that the topic of the PhD must relate to the area of specialisation.

This professionally accredited course adheres to a scientist-practitioner model which stresses a systematic problem-solving approach. Its objective is to prepare psychologists who are skilled in individual casework and can apply their skills and knowledge to prevention, research, development, and evaluation at the individual, organisational and system levels. It is a professional qualification in Applied Psychology leading to employment in the health, educational, occupational, ergonomic and community areas, which meets international standards. The course also develops students to be expert researchers in their chosen area of specialisation.

Admission Requirements (Onshore):

At least a recognised and accredited Honours IIA degree or higher, or equivalent training, in Psychology.

Students with overseas qualifications who are accepted into the course must ensure that their undergraduate qualifications meet the requirements of the relevant psychology registration board for equivalence to a four-year Australian degree in Psychology in order to be registered from the start of their higher degree as a provisional psychologist. Applications with qualifications obtained outside Australia must have a formal assessment completed by the Australian Psychological Society before submitting an application for study.

Applicants must apply simultaneously for entry to both the MAppPsych and the PhD. Unsuccessful applicants for both courses may still be considered for entry to either course on its own. Candidates enrolled in the first year of the MAppPsych may apply for transfer into this course. The admission process includes both application and interview.

English Competence:

English competence.

Special Requirements:

Graduate students must be registered from the start of their higher degree as a provisional psychologist. Within the first two weeks of commencing the program, the student must gain provisional registration with the Psychology Board of Australia. As many agencies require all staff working with their clients or patients to have a police clearance, students are required to obtain a Federal police clearance (which will include WA clearance) if accepted into the course. In addition, if working with children a separate screening by the Department of Community Development is required. Clearly any agency will only be seeking information about behaviours that may place vulnerable clients at risk and will not be interested in any other types of behaviour. The student must meet

the cost of obtaining these clearances. Please note that some organisations providing professional placements require students to provide full immunisation records. Applicants must be in a position to provide these records if required.

Employment Prospects:

Job prospects for applied psychologists are very good; employment growth is expected to be strong following recent government initiatives. On graduation from this course, students will be highly employable in a wide variety of areas, including private practice as a registered psychologist, and working in various public and private sector agencies in areas such as health, community development, justice, education, and disabilities.

Professional Recognition:

The course is fully accredited by the Australian Psychology Accreditation Council (APAC), and is recognised as such by the Australian Psychological Society (APS) and the Western Australian Psychologists' Registration Board. Graduates will be eligible for direct registration as psychologists with the WA Psychologists' Registration Board.

Other Facilities and Services:

Murdoch University has a Psychology Clinic, the Counselling Psychology Consulting Service and the Organisational Psychology Consulting Service to act as practical training facilities and community services.

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Clinical Psychology

Course Structure - 96 credit points

First Year - 24 credit points

Core Units - 24 credit points

PSY562 Psychological Assessment: Theory and Method - 3 points
MURDOCH: Y-internal

PSY564 Clinical Psychology: Working with Children and Families - 3 points
MURDOCH: S1-internal

PSY565 Clinical Psychology: Working with Adults - 3 points
MURDOCH: S1-internal

PSY502 Clinical Psychology: Working with Health Problems - 3 points
MURDOCH: S2-internal

PSY567 Clinical Psychology: Developmental Disabilities - 3 points
MURDOCH: S2-internal

PSY569 Psychotherapy in Practice - 3 points
MURDOCH: Y-internal

PSY537 Clinical Psychology: Internal Practicum (Child, Youth and Family) - 3 points
MURDOCH: SUM-placement, Y-placement

PSY538 Clinical Psychology: Internal Practicum (Adult) - 3 points
MURDOCH: SUM-placement, Y-placement

Second, Third and Fourth Years

Students are required to enrol concurrently in PSY755 Psychology: Advanced Thesis Research Methods with their first enrolment in PSY920 Research Studies -- Psychology.

PSY920 Research Studies -- Psychology

PSY755 Psychology: Advanced Thesis Research Methods
MURDOCH: Y-internal

PSY604 Clinical Psychology: External Practicum - 12 points
MURDOCH: S1-placement, S2-placement, SUM-placement, Y-placement

Organisational Psychology

Course Structure - 96 credit points

First Year - 24 credit points

Core Units - 21 credit points

PSY562 Psychological Assessment: Theory and Method - 3 points
MURDOCH: Y-internal

PSY568 Human Resources - 3 points
MURDOCH: S1-external

PSY570 Organisational Psychology: Practicum I - 3 points
MURDOCH: S2-internal

PSY512 Work and Well-being - 3 points
MURDOCH: S2-external

PSY563 Professional Practice and Organisational Consulting - 3 points
MURDOCH: S1-external

PSY552 Organisation of Work - 3 points
MURDOCH: S2-external

PSY565 Clinical Psychology: Working with Adults - 3 points
MURDOCH: S1-internal

Specified Electives - 3 credit points

Select from the following:

MBS539 Accounting for Managers - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS537 Strategic Marketing Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS645 Business Finance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBL502 Law for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

EDN546 Dynamics of Cultural Diversity in the Workplace and the Community - 3 points
MURDOCH: S1-internal

Second, Third and Fourth Years

Students are required to enrol concurrently in PSY755 Psychology: Advanced Thesis Research Methods

with their first enrolment in PSY920 Research Studies -- Psychology.

PSY920 Research Studies -- Psychology

PSY755 Psychology: Advanced Thesis Research Methods
MURDOCH: Y-internal

PSY603 Organisational Psychology: Practicum II - 12 points
MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal

DOCTOR OF PSYCHOLOGY (CLINICAL PSYCHOLOGY) (DPSYCH)

School of Psychology and Exercise Science

Doctor of Psychology (DPSych) (Clinical Psychology)

Course Codes: D1064

Duration: 3 and a half years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

The Doctor of Psychology is an intensive three and a half year professional research degree consisting of seminars, supervised practical work and applied research.

The first year of study is the same as Year 1 of the relevant Master of Applied Psychology (MAppPsych). Students who complete the first year of the Master of Applied Psychology with marks of distinction may apply for transfer to the DPsych. The specific purpose of the DPsych is to enable students to undertake applied Doctoral-level research on a topic of their choice which will make a distinct contribution to the profession whilst gaining skills in applied psychology to meet registration requirements, and to pursue specialised study in a professional area of their choice.

All of the teaching staff are practising Clinical Psychologists. Murdoch University has the Psychology Clinic to act as a practical training facility. In addition, the University cooperates with Commonwealth and State Public Service Ministries and Departments such as Department for Community Development, Justice, Health, the Disability Services Commission and other public and private services and facilities in Western Australia.

Candidates will select appropriate practical placements to be approved by the School Committee.

Admission Requirements (Onshore):

On admission, applicants should hold a four year sequence of study in an APAC accredited Psychology program with the equivalent of a 2A honours degree in Psychology. Students with overseas qualifications who may be accepted into the course need to ensure, should they wish to seek registration within Australia after graduation, that their undergraduate qualification meets the requirements of the relevant psychology registration board for equivalence to a four-year Australian degree in Psychology. Applications with qualifications obtained outside Australia must have a formal assessment completed by the Australian Psychological Society before submitting an application for study.

Applicants who hold the equivalent of the relevant Master of Applied Psychology are to complete the balance of units in the DPsych. A maximum of 36 points of credit may be granted to those applicants who have completed equivalent coursework. The degree may be undertaken on a part-time basis but requires attendance of on-campus seminars and, for parts of the course, full-day attendance on campus or at a practicum site.

Students who complete the first year of the relevant Master of Applied Psychology and who average grades of Distinction in their core first year units may also apply for transfer to the DPsych. Applicants for the DPsych are required to submit a synopsis of their intended research and the name of a supervisor on the staff of the University as part of their application. Applicants will be required to present their research plans to a panel of Psychology staff prior to admission. Students permitted to transfer from the Master of Applied Psychology will be exempt from the units common to both degrees.

English Competence:

English competence.

Special Requirements:

Graduate students must be registered from the start of their higher degree as a provisional psychologist. Within the first two weeks of commencing the program, the student must gain provisional registration with Psychology Board of Australia. As many agencies require all staff working with their clients or patients to have a police clearance, students are required to obtain a Federal police clearance (which will include WA clearance) if accepted into the course. Successful applicants also need to have a Working with Children Check before they begin work in the internal clinic. Clearly any agency will only be seeking information about behaviours that may place vulnerable clients at risk and will not be interested in any other type of behaviours. The student meets the cost of these clearances. Please note that some organisations providing professional placements require students to provide full immunisation records. Applicants must be in a position to provide

these documents if required.

Professional Recognition:

Australian Psychology Accreditation Council (APAC), and approval by the relevant Colleges of the Australian Psychological Society (APS).

Course Structure - 84 credit points

Candidates must normally successfully complete the following units to meet Registration and Specialist Entitlement requirements for Clinical Psychologists.

Year 1 - 24 credit points

Core Units - 24 credit points

PSY562 Psychological Assessment: Theory and Method - 3 points
MURDOCH: Y-internal

PSY537 Clinical Psychology: Internal Practicum (Child, Youth and Family) - 3 points
MURDOCH: SUM-placement, Y-placement

PSY538 Clinical Psychology: Internal Practicum (Adult) - 3 points
MURDOCH: SUM-placement, Y-placement

PSY569 Psychotherapy in Practice - 3 points
MURDOCH: Y-internal

PSY564 Clinical Psychology: Working with Children and Families - 3 points
MURDOCH: S1-internal

PSY565 Clinical Psychology: Working with Adults - 3 points
MURDOCH: S1-internal

PSY567 Clinical Psychology: Developmental Disabilities - 3 points
MURDOCH: S2-internal

PSY502 Clinical Psychology: Working with Health Problems - 3 points
MURDOCH: S2-internal

Year 2 and Onward - 60 credit points

Core Units - 60 credit points

PSY755 Psychology: Advanced Thesis Research Methods
MURDOCH: Y-internal

PSY700 Doctor of Psychology Thesis - 48 points
MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal
Full-time students should enrol in this unit for 12 points for each of four semesters and part-time students should enrol in 6 points for each of eight semesters or until submission of the thesis.

Students should also ensure they enrol in PSY755 Psychology: Advanced Thesis Research Methods concurrently with their first enrolment in PSY700.

PSY703 Doctor of Psychology (Clinical): Practicum I - 6 points
MURDOCH: S1-placement, S2-placement, SUM-placement, Y-placement

PSY704 Doctor of Psychology (Clinical): Practicum II - 6 points
MURDOCH: S1-placement, S2-placement, SUM-placement, Y-placement

DOCTOR OF PSYCHOLOGY (ORGANISATIONAL PSYCHOLOGY) (DPSYCH)

School of Psychology and Exercise Science

Doctor of Psychology (DPsych) (Organisational Psychology)

Course Codes: D1063

Duration: 3 and a half years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

The Doctor of Psychology is an intensive three and a half year professional research degree consisting of seminars, supervised practical work and applied research.

The first year of study is the same as Year 1 of the relevant Master of Applied Psychology (MAppPsych). Students who complete the first year of the Master of Applied Psychology with marks of distinction may apply for transfer to the DPsych. The specific purpose of the DPsych is to enable students to undertake applied Doctoral-level research on a topic of their choice which will make a distinct contribution to the profession whilst gaining skills in applied psychology to meet registration requirements, and to pursue specialised study in a professional area of their choice.

All of the teaching staff are practising Applied Psychologists. Murdoch University has the Psychology Clinic, the Counselling Psychology Consulting Service and the Organisational Psychology Consulting Service to act as practical training facilities and community services. In addition, the University cooperates with Commonwealth and State Public Service Ministries and Departments such as Department for Community Development, Justice, Employment, Health, Safety and Welfare, Education, the Disability Services Commission and other public and private services and facilities in Western Australia.

In the first year, candidates will select units and practical placements to be approved by the School Committee.

Admission Requirements (Onshore):

On admission, applicants should hold a four year sequence of study in an APAC accredited Psychology program with the equivalent of a 2A honours degree in Psychology.

Students with overseas qualifications who are accepted into the course must ensure that their undergraduate qualifications meet the requirements of the relevant psychology registration board for equivalence to a four-year Australian degree in Psychology in order to be registered from the start of their higher degree as a provisional psychologist. Applications with qualifications obtained outside Australia must have a formal assessment completed by the Australian Psychological Society before submitting an application for study.

Applicants who hold the equivalent of the Master of Applied Psychology are to complete the balance of units in the DPsych (shown below). A maximum of 36 points of credit may be granted to those applicants who have completed equivalent coursework. The degree may be undertaken on a part-time basis but requires attendance of on-campus seminars and, for parts of the course, full-day attendance on campus or at a practicum site.

Students who complete the first year of the relevant Master of Applied Psychology and who average grades of Distinction in their core first year units may also apply for transfer to the DPsych. Applicants for the DPsych are required to submit a synopsis of their intended research and the name of a supervisor on the staff of the University as part of their application. Applicants may be required to present their research plans to a panel of Psychology staff prior to admission. Students permitted to transfer from the Master of Applied Psychology will be exempt from the units common to both degrees.

English Competence:

English competence.

Special Requirements:

Graduate students must be registered from the start of their higher degree as a provisional psychologist. Within the first two weeks of

commencing the program, the student must gain provisional registration with Psychology Board of Australia. As many agencies require all staff working with their clients or patients to have a police clearance, students are required to obtain a Federal police clearance (which will include WA clearance) if accepted into the course. Clearly any agency will only be seeking information about behaviours that may place vulnerable clients at risk and will not be interested in any other type of behaviours. The student meets the cost of these clearances. Please note that some organisations providing professional placements require students to provide full immunisation records. Applicants must be in a position to provide these documents if required.

Students must also:

- Attend a minimum of 6 of the School of Psychology Research Seminars Series or equivalent as approved by the Academic Chair.
- Attend a minimum of 4 x APS CPD accredited College of Organisational Psychologists workshops or equivalent as approved by the Academic Chair.
- Attend a minimum of 4 x CMI accredited workshops or equivalent as approved by the Academic Chair.
- Present at the School of Psychology Annual Research Review.

Professional Recognition:

Australian Psychology Accreditation Council (APAC), and approval by the relevant Colleges of the Australian Psychological Society (APS).

Course Structure - 84 credit points

Candidates must normally successfully complete the following units to meet Registration and Specialist Entitlement requirements for Organisational Psychologists.

Year 1 - 24 credit points**Core Units - 21 credit points**

- PSY562 Psychological Assessment: Theory and Method - 3 points
MURDOCH: Y-internal
- PSY570 Organisational Psychology: Practicum I - 3 points
MURDOCH: S2-internal
- PSY563 Professional Practice and Organisational Consulting - 3 points
MURDOCH: S1-external
- PSY568 Human Resources - 3 points
MURDOCH: S1-external
- PSY512 Work and Well-being - 3 points
MURDOCH: S2-external
- PSY552 Organisation of Work - 3 points
MURDOCH: S2-external
- PSY565 Clinical Psychology: Working with Adults - 3 points
MURDOCH: S1-internal

Specified Electives - 3 credit points

Select from the following:

- MBS539 Accounting for Managers - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
- MBS537 Strategic Marketing Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
- MBS645 Business Finance - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
- MBL502 Law for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
- EDN546 Dynamics of Cultural Diversity in the Workplace and the Community - 3 points
MURDOCH: S1-internal

An Independent Study Contract at 500/600 level - 3 points

Other electives with the permission of the Academic Chair.

Year 2 and Onward - 60 credit points

Core Units - 60 credit points

PSY755 Psychology: Advanced Thesis Research Methods
MURDOCH: Y-internal

PSY700 Doctor of Psychology Thesis - 48 points
MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal
Full-time students should enrol in this unit for 12 points for each of four semesters and part-time students should enrol in 6 points for each of eight semesters or until submission of the thesis.

Students should also ensure they enrol in PSY755 Psychology: Advanced Thesis Research Methods concurrently with their first enrolment in PSY700.

PSY701 Doctor of Psychology (Organisational): Practicum I - 6 points
MURDOCH: S1-internal, S2-internal, Y-internal

PSY702 Doctor of Psychology (Organisational): Practicum II - 6 points
MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal

PUBLIC POLICY AND MANAGEMENT

GRADUATE CERTIFICATE IN PUBLIC POLICY AND MANAGEMENT (GRADCERTPPM)

Sir Walter Murdoch School of Public Policy and International Affairs

Graduate Certificate in Public Policy and Management (GradCertPPM)

Course Codes: C1102

Duration: 1 semester full-time

Availability:

- Murdoch campus (internal)
- International students must commence in Semester 1 only.

Restriction: All graduate courses are subject to restriction.

The Graduate Certificate in Public Policy and Management introduces students to the strategic, analytical and professional knowledge and skills necessary for careers in the government, non-profit and private sectors. This six-month course is designed for recent graduates and those who may be exploring a new career direction. Students will learn what it means to analyse, design and implement policy in current institutional and regulatory environments.

Admission Requirements (Onshore):

Admission to the Graduate Certificate is available to students who have a recognised Bachelor degree in any area.

English Competence:

English competence.

Employment Prospects:

Suitable for students looking to work in the public sector, the not-for-profit sector and for professionals who work at the intersection between government and business.

Course Structure - 12 credit points

Core Units - 12 credit points

SWM509 Public Policy: Theory and Practice - 3 points
MURDOCH: S1-internal

SWM515 Public Sector Management - 3 points
MURDOCH: S1-internal

SWM516 Policy Research and Evaluation - 3 points

MURDOCH: S1-internal

MBS536 Financial Management Decision Making - 3 points

MURDOCH: S1-internal

MASTER OF PUBLIC POLICY AND MANAGEMENT (MPPM)

Sir Walter Murdoch School of Public Policy and International Affairs

Master of Public Policy and Management (MPPM)

Course Codes: M1194

Duration: 2 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)

Restriction: All graduate courses are subject to restriction.

The Master of Public Policy and Management (MPPM) equips students with the strategic, analytical and professional skills for a career in the government, non-profit, and private sectors both in Australia and internationally. It provides students with the knowledge and skills to analyse, design and implement policy in complex institutional and regulatory environments. The core units of the program cover public policy theory and practice, policy design, public sector management, policy research and evaluation, and public sector economics.

Admission Requirements (Onshore):

Admission to the Masters degree is available to students who have a Bachelor degree in any area. A student's advanced standing is assessed at the time of application, taking into account level of higher study and/or professional experience.

English Competence:

English competence.

Employment Prospects:

Suitable for students looking to work in the public sector, the not-for-profit sector and for professionals who work at the intersection between government and business.

Advanced Standing:

Up to 12 points (0.5 years) of advanced standing is available to students who have: a Bachelor degree with a major in Public Policy and Management or a cognate area; or a Bachelor's degree in an unrelated discipline and Level 8 Graduate Certificate or Diploma in Public Policy and Management or equivalent; or an Honours degree or equivalent in an unrelated discipline; or a Bachelor's degree in an unrelated discipline and two years of relevant documented professional experience.

Up to 24 points (1 year) of advanced standing is available to students with an Honours Bachelor degree or equivalent in Public Policy and Management or a cognate area; or an honours degree or equivalent in an unrelated discipline and at least two years of relevant documented professional experience.

Exemption from Coursework Regulations:

In this course, where appropriate, undergraduate units (between 100- and 400-level) have been included to meet the learning outcomes for the entire course: postgraduate students can expect to be part of a learning community with undergraduate students in these units.

Course Structure - 48 credit points

Core Units - 24 to 33 credit points

Theory - 21 credit points

SWM509 Public Policy: Theory and Practice - 3 points

MURDOCH: S1-internal

SWM622 Network Governance - 3 points
MURDOCH: S1-internal

SWM644 Public Policy and International Affairs Foundations - 3 points
MURDOCH: S1-internal

SWM645 Public Sector Economics - 3 points
MURDOCH: S2-internal

SWM614 Policy Design - 3 points
MURDOCH: S2-internal

SWM515 Public Sector Management - 3 points
MURDOCH: S1-internal

SWM516 Policy Research and Evaluation - 3 points
MURDOCH: S1-internal

Capstone Experience - 3 to 12 credit points

Select one of the following options:

EITHER

SWM618 Social Science Research Design - 3 points
MURDOCH: S1-internal

and

SWM617 Supervised Research Thesis - 6 points
MURDOCH: S1-internal, S2-internal

OR

SWM618 Social Science Research Design - 3 points
MURDOCH: S1-internal

and

SWM6171 Supervised Research Thesis - 9 points
MURDOCH: S1-internal, S2-internal
(This 12,000- to 15,000-word Thesis unit can only be taken as a thesis with the approval of the Dean of the Sir Walter Murdoch School of Public Policy and International Affairs.)

OR

SWM619 Research Internship - 6 points
MURDOCH: S1-internal, S2-internal

OR

SWM620 Advanced Policy Case Study - 3 points
MURDOCH: S1-internal, S2-internal, W-internal

Alternatively, students can enrol in ART607 In-Country Studies Indonesia - 6 points [MURDOCH: SUM-internal] during the summer period. This is an ACICIS program. Students interested in this option should consult the ACICIS Secretariat and gain approval from the Academic Chair of Public Policy and Management.

Specified Electives - 15 to 24 credit points

Select units from the following lists:

Professional

MBS536 Financial Management Decision Making - 3 points
MURDOCH: S1-internal

MBS6411 Project Management - 3 points
MURDOCH: S1-internal

MCC687 Managing Communication - 3 points
MURDOCH: S2-internal

MBS687 Effective Leadership - 3 points
MURDOCH: S1-internal, S1-external

MBS655 Human Resource Management Perspectives - 3 points
MURDOCH: S1-internal, S1-external

MBS651 Leading and Managing Nonprofit Organisations - 3 points
MURDOCH: S2-internal, S2-external

SUS633 Disasters and Risk Management - 3 points
MURDOCH: S2-internal

SWM621 Ethical Challenges of Contemporary Societies - 3 points
MURDOCH: S2-internal

Policy

SWM510 Australian Public Sector - 3 points
Not available this year

ENV616 Environmental Policy for the 21st Century - 3 points
MURDOCH: S1-internal, S1-external

SWM626 Social Policy for the Contemporary World - 3 points
Not available this year

SWM623 Contemporary Dynamics in Asian International Affairs - 3 points
MURDOCH: S1-internal

SWM624 Global Trade Policy - 3 points
Not available this year

SWM627 Counterterrorism Policy - 3 points
MURDOCH: S1-internal

SWM628 Development and Sustainability - 3 points
MURDOCH: S2-internal

SWM625 States and Governance in Development - 3 points
Not available this year

SWM636 Global Governance and International Institutions - 3 points
MURDOCH: S2-internal

SWM641 E-Politics: the Internet and the Future of Power - 3 points
MURDOCH: S1-internal

SWM642 Islamic Politics and Development - 3 points
MURDOCH: S2-internal

SWM643 Political Violence - 3 points
MURDOCH: S2-internal

COD505 Mining, Communities and Sustainability - 3 points
MURDOCH: S2-internal, S2-external

Language

Students may take up to two language units. Placement in language units is at the discretion of the Academic Chair, following an assessment of the student's language skills. There may be restrictions for students completing the Masters in 24 points.

Japanese

JPN101 Japanese 1 - 3 points
MURDOCH: S1-internal

JPN172 Japanese IB - 6 points
Not available this year

JPN204 Japanese IIA - 4 points
MURDOCH: S1-internal

JPN205 Japanese IIB - 4 points
MURDOCH: S2-internal

JPN363 Japanese IIIA - 4 points
MURDOCH: S1-internal

JPN364 Japanese IIIB - 4 points
MURDOCH: S2-internal

Indonesian

IND101 Indonesian 1 - 3 points
MURDOCH: S1-internal, S1-external

IND102 Indonesian 2 - 3 points
MURDOCH: S2-internal, S2-external

IND261 Indonesian 2A - 4 points
MURDOCH: S1-internal, S1-external

IND262 Indonesian 2B - 4 points
MURDOCH: S2-internal, S2-external

IND361 Indonesian 3A - 4 points
MURDOCH: S1-internal, S1-external

IND362 Indonesian 3B - 4 points
MURDOCH: S2-internal, S2-external

SUSTAINABILITY

GRADUATE CERTIFICATE IN SUSTAINABLE DEVELOPMENT (GRADCERTSUSTDEV)

School of Management and Governance

Graduate Certificate in Sustainable Development (GradCertSustDev)

Course Codes: C1119

Duration: 1 semester full-time (Semester 1 commencement only) or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)
- International students must commence in Semester 1 only.

Restriction: All graduate courses are subject to restriction.

This course provides the knowledge and skills that are particularly relevant for a wide range of sustainability careers within local, state or federal government, businesses and NGOs, in Australia or internationally. Through the course, students develop expertise in key global, regional and local sustainable development issues and practices, such as climate change adaptation, urban sustainability and regional resilience. Each student is also given an opportunity to build their professional resume by undertaking a career-relevant sustainability internship or practical project for academic credit.

The Graduate Certificate aims to provide pathways into careers in the fast-growing 'green collar' economy and also addresses the career development needs of professionals who are already working within areas of sustainability practice.

Admission Requirements (Onshore):

Recognised Bachelor's degree (AQF Level 7) or higher, or equivalent training.

Internet access is required for students studying externally; exceptions will be considered on a case-by-case basis.

English Competence:

English competence.

Employment Prospects:

The Graduate Certificate provides pathways into careers in the fast-growing 'green collar' economy and also addresses the career development needs of professionals who are already working in areas of sustainability practice. The course provides expertise that is highly prized in local government (through Sustainability and Environmental Officer positions, for instance), and in state and federal government agencies concerned with the environment, urban and regional planning, transport, economic development, cultural planning, and behaviour change for sustainability. The course also develops skills that are increasingly valued by sustainability consultants and within sectors of the economy (such as mining) where progressive businesses are seeking opportunities

to make their products, services and operations more sustainable.

Main Research Areas:

Sustainable Development; education policy; environmental ethics; urban and regional planning.

Further Study:

Students who successfully complete the Graduate Certificate may apply for admission and advanced standing into the Graduate Diploma in Sustainable Development or the Master of Sustainable Development.

Course Structure - 12 credit points

Core Units - 12 credit points

Select from the following:

SUS512 Sustainability, Ecology and Communities - 3 points
MURDOCH: S1-internal, S1-external

SUS523 Cities and Sustainability - 3 points
MURDOCH: S1-internal, S1-external

ENV553 Sustainability: Global and Regional Perspectives - 3 points
MURDOCH: S2-internal, S2-external

SUS611 Resilient Regions: People and Practice - 3 points
MURDOCH: SUM-internal

SUS532 Sustainable Development Internship Project - 6 points
MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external

GRADUATE DIPLOMA IN SUSTAINABLE DEVELOPMENT (GRADDIPSUSTDEV)

School of Management and Governance

Graduate Diploma in Sustainable Development (GradDipSustDev)

Course Codes: G1052

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

This course provides the knowledge and skills that are particularly relevant for a wide range of sustainability careers within local, state or federal government, businesses and NGOs, in Australia and internationally. The course provides a more comprehensive approach than is possible within the 12-point Graduate Certificate in Sustainable Development. Through the course, students develop expertise in key global, regional and local sustainable development issues and practices, such as climate change adaptation, urban sustainability, regional resilience, disaster and risk management, and sustainability within the mining sector. Each student is also given an opportunity to build their professional resume by undertaking a career-relevant sustainability internship or practical project for academic credit.

The Graduate Diploma provides pathways into careers in the fast-growing 'green collar' economy and also addresses the career development needs of professionals who are already working in areas of sustainability practice.

Admission Requirements (Onshore):

Recognised Bachelor's degree (AQF Level 7) or higher, or equivalent training, although not necessarily in an area directly related to the proposed course or satisfactory preparation for the course through previous study or professional experience.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

The Graduate Diploma provides pathways into careers in the fast-growing 'green collar' economy and also addresses the career development needs of professionals who are already working in areas of sustainability practice. The course provides expertise that is highly prized in local government (through Sustainability and Environmental Officer positions, for instance), and in state and federal government agencies concerned with urban and regional planning, transport, economic development, cultural planning, and behaviour change for sustainability. The course also develops skills that are increasingly valued by sustainability consultants and within sectors of the economy (such as mining) where progressive businesses are seeking opportunities to make their products, services and operations more sustainable.

Main Research Areas:

Sustainable Development; Education; Policy; Environmental ethics; Urban and Regional Planning

Further Study:

Students who successfully complete the Graduate Diploma may apply for admission and advanced standing into the Master of Sustainable Development.

Course Structure - 24 credit points**Core Units - 21 credit points**

SUS512 Sustainability, Ecology and Communities - 3 points
MURDOCH: S1-internal, S1-external

SUS523 Cities and Sustainability - 3 points
MURDOCH: S1-internal, S1-external

ENV553 Sustainability: Global and Regional Perspectives - 3 points
MURDOCH: S2-internal, S2-external

COD505 Mining, Communities and Sustainability - 3 points
MURDOCH: S2-internal, S2-external

SUS611 Resilient Regions: People and Practice - 3 points
MURDOCH: SUM-internal

SUS532 Sustainable Development Internship Project - 6 points
MURDOCH: H-internal, H-external, S1-internal, S1-external,
S2-internal, S2-external, SUM-internal, SUM-external, Y-internal,
Y-external

Specified Electives - 3 credit points

Select from the following:

AST650 Culture, Communities and Sustainability in Asia - 3 points
MURDOCH: S1-internal, S1-external

SUS633 Disasters and Risk Management - 3 points
MURDOCH: S2-internal

Or other units in consultation with the Academic Chair.

MASTER OF SUSTAINABLE DEVELOPMENT (MSUSTDEV)

School of Management and Governance

Master of Sustainable Development (MSustDev)

Course Codes: M1214

Duration: 2 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

The Master of Arts in Sustainable Development takes a holistic approach, providing students with the knowledge and skills that are particularly relevant for a wide range of sustainability careers within local, state or federal government, businesses and NGOs. The course addresses the implementation of sustainability at local, regional and global levels, and within urban and rural areas, and a wide range of organisations. Students have the opportunity to explore cutting-edge sustainability practices and policy relating to such areas as energy, water use, waste, climate change, biodiversity, urban planning and land management, international development, and sustainability education.

The Core module provides a sophisticated understanding of some of the most important dimensions of Sustainable Development practice, including: sustainability issues and implementation at the global, regional and local levels; urban and regional sustainability; climate change adaptation, sustainability education and ethics; and sustainability and international development within Asia. Within this Core module, each student is given an opportunity to build their professional resume by undertaking a career-relevant internship or practical project for academic credit.

Professional Electives enable students to acquire professional skills in areas including: project management, community development, strategic communication, and disaster and risk management.

Policy Electives give students an opportunity to develop specialised expertise in areas such as: environmental impact assessment, energy policy, GIS, and environmental management, policy and law.

Finally, the Masters concludes with a Capstone program that gives students the opportunity to deepen their knowledge and research skills by undertaking a Research Dissertation (that could qualify students seeking admission to a PhD) or a Research Project.

Admission Requirements (Onshore):

Recognised Bachelor's degree (AQF Level 7) or higher, or equivalent training, though not necessarily in an area directly related to the proposed course, or satisfactory preparation through previous study or professional experience.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Employment Prospects:

This course aims to develop the skills, knowledge and professional acumen needed for sustainable development leadership within international and Australian businesses, government agencies, and non-government organisations. Students acquire expertise in innovative sustainability practices, as well as high-level research training and professional development. During the Masters, each student is given an opportunity to build their professional resume by undertaking a career-relevant internship or practical project for academic credit. The course brings together high-achieving students and industry practitioners from many different parts of the world and harnesses their unique skill-sets through team projects and other forms of interactive learning. Part of the course's magic come from the networking and ideas exchange that take place when tomorrow's sustainable development leaders come together in this dynamic environment.

Recommended Minors:

Indigenous Sustainability; Issues in Global Development

Nested Awards:

Students taking the Master of Sustainable Development can opt for an early exit and graduate with either the Graduate Certificate or Graduate Diploma in Sustainable Development subject to satisfying their course requirements.

Course Structure - 48 credit points**Core Units - 39 to 48 credit points****Theory - 33 credit points**

SUS512 Sustainability, Ecology and Communities - 3 points
MURDOCH: S1-internal, S1-external

SUS523 Cities and Sustainability - 3 points
MURDOCH: S1-internal, S1-external

ENV553 Sustainability: Global and Regional Perspectives - 3 points
MURDOCH: S2-internal, S2-external

COD505 Mining, Communities and Sustainability - 3 points
MURDOCH: S2-internal, S2-external

SUS532 Sustainable Development Internship Project - 6 points
MURDOCH: H-internal, H-external, S1-internal, S1-external,
S2-internal, S2-external, SUM-internal, SUM-external, Y-internal,
Y-external

SUS611 Resilient Regions: People and Practice - 3 points
MURDOCH: SUM-internal

AST650 Culture, Communities and Sustainability in Asia - 3 points
MURDOCH: S1-internal, S1-external

EDU650 Environmental Education for Sustainability - 3 points
MURDOCH: S2-internal, S2-external

ENV680 Climate Change Adaptation: Ecosystems and Societies - 3 points
MURDOCH: S2-internal, S2-external

SUS670 Sustainable Communities and 'The Good Life' - 3 points
MURDOCH: S2-internal, S2-external

Capstone Experience - 6 or 15 credit points

Select one of the following two options:

ART610 Masters by Coursework Research Dissertation - 12 points
MURDOCH: H-internal, H-external, S1-internal, S1-external,
S2-internal, S2-external, Y-internal, Y-external

and

ART604 Advanced Social Science Research Methods - 3 points
MURDOCH: S1-internal, S1-external

OR

ART6401 Masters by Coursework Research Project - 6 points
MURDOCH: H-internal, H-external, S1-internal, S1-external,
S2-internal, S2-external, SUM-internal, SUM-external, Y-internal,
Y-external

Specified Electives - 0 or 9 credit points

Students completing ART610 Masters by Coursework Research Dissertation and ART604 Advanced Social Science Research Methods do not take Specified Electives.

Students completing ART6401 Masters by Coursework Research Project are required to complete units from the list below, at least one of which must be at 600-level.

Professional Electives

MBS685 Project Management - 3 points
MURDOCH: W-internal, W-external

MCC687 Managing Communication - 3 points
MURDOCH: S2-internal

SUS633 Disasters and Risk Management - 3 points
MURDOCH: S2-internal

Policy Electives

ENV556 Principles of Environmental Impact Assessment - 3 points
MURDOCH: S1-internal, S1-external

ENV552 Comparative Environmental Policy and Law - 3 points
MURDOCH: S1-external

PEC591 Energy Policy - 4 points
MURDOCH: S2-internal, S2-external, Y-external

ENV616 Environmental Policy for the 21st Century - 3 points
MURDOCH: S1-internal, S1-external

TERTIARY AND ADULT EDUCATION**GRADUATE CERTIFICATE IN TERTIARY AND ADULT EDUCATION (GRADCERTTERADED)**

School of Education

Graduate Certificate in Tertiary and Adult Education (GradCertTerAdEd)

Course Codes: C1025

Duration: 1 year part-time (due to unit availability)

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

The Graduate Certificate in Tertiary and Adult Education is designed for people who are interested in the education of adults e.g. university lecturers or tutors, TAFE lecturers, nurse educators, adult literacy teachers, community adult educators, industrial training officers.

Admission Requirements (Onshore):

A recognised Bachelor degree (AQF Level 7) or satisfactory preparation for the course through previous study or professional experience.

English Competence:

English competence.

Special Requirements:

There may be a reduction in choice of units if completing this course in the external mode.

Further Study:

Students who successfully complete the Graduate Certificate may apply for admission to the Graduate Diploma in Education (Tertiary and Adult).

Advanced Standing:

Students who have completed other relevant qualifications or a staff development or induction program for tertiary teaching should consult with the Accreditation Officer about the exemptions available.

Course Structure - 12 credit points**Core Units - 6 credit points**

EDN540 Facilitating Lifelong Learning - 6 points
MURDOCH: S1-internal, S1-external

Specified Electives - 6 credit points

EDN544 Tertiary and Adult Education Policy - 3 points
MURDOCH: S2-internal, S2-external

EDN588 Curriculum Development for Practitioners - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

EDN541 Practical Methods of Instruction - 3 points
MURDOCH: S1-internal, S1-external

GRADUATE DIPLOMA IN EDUCATION (TERTIARY AND ADULT) (GRADDIPED)

School of Education

Graduate Diploma in Education (GradDipEd) (Tertiary and Adult)

Course Codes: G1025

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (external)
- Some units only: Murdoch campus (internal) (all but one unit)

Restriction: All graduate courses are subject to restriction.

This course is designed for people who are interested in the education of adults (e.g. university lecturers or tutors, technical college lecturers, nurse educators, adult literacy teachers, community adult educators, industrial training officers).

Admission Requirements (Onshore):

A recognised Bachelor degree (AQF Level 7) or satisfactory preparation for the course through previous study or professional experience.

English Competence:

English competence.

Special Requirements:

EDU470 Professional and Action Learning Project should be taken in the last semester of the course. In order to meet the requirements of that unit, students have responsibility for arranging access to a group or groups of adult learners. Such access should permit students to teach, tutor, train or facilitate the group (or groups) over an extended period of time (usually 10 weeks.)

Employment Prospects:

This course provides development for the professional role of a lecturer, adult educator, facilitator, professional development facilitator, instructor or professional trainer.

Advanced Standing:

Students who have completed other relevant qualifications or a staff development or induction program for tertiary teaching should consult with the Accreditation Officer about the exemptions available.

Course Structure - 24 credit points

Core Units - 15 credit points

EDN540 Facilitating Lifelong Learning - 6 points
MURDOCH: S1-internal, S1-external

EDN544 Tertiary and Adult Education Policy - 3 points
MURDOCH: S2-internal, S2-external

EDN588 Curriculum Development for Practitioners - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

EDN541 Practical Methods of Instruction - 3 points
MURDOCH: S1-internal, S1-external

Specified Electives - 9 credit points

Select from the following:

EDN518 Professional Development Portfolio - 3 points
MURDOCH: S1-external

EDN570 Professional and Action Learning Project - 6 points
MURDOCH: S2-external

EDN571 Mentoring - 3 points

Not available this year

EDN546 Dynamics of Cultural Diversity in the Workplace and the Community - 3 points
MURDOCH: S1-internal

EDN524 Critical Pedagogy: Gender, Race and Social Class in Education - 3 points
Not available this year

EDN527 Development and Education - 3 points
MURDOCH: S1-external

EDU616 Teaching, Learning and Working in Culturally Diverse Environments - 3 points
MURDOCH: S1-internal, S1-external

EDU615 Learning and Teaching with ICT - 3 points
MURDOCH: S2-external

EDU637 Program Evaluation - 3 points
MURDOCH: S1-external

EDU645 Adult Learning in Education and Work - 3 points
MURDOCH: S2-external

EDU610 Introduction to Research for Educators - 6 points
MURDOCH: S1-internal, S1-external, S2-external

THEOLOGY

GRADUATE CERTIFICATE IN THEOLOGY (GRADCERTTHEOL)

School of Arts

Graduate Certificate in Theology (GradCertTheol)

Course Codes: C1124

Duration: One year part-time

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

The Graduate Certificate in Theology provides a basic theological grounding for teachers in religious schools and staff in church agencies. It is also an excellent way for those with a general interest in Theology to obtain an introduction to the key areas of theological inquiry. The course introduces students to biblical studies, methods of theological construction, and the history of Christianity.

Admission Requirements (Onshore):

A recognised Bachelors degree (AQF level 7) or higher.

English Competence:

English competence.

Course Structure - 12 credit points

Core Units - 12 credit points

THE505 Thinking Theology - 3 points
MURDOCH: S1-internal, S1-external

THE506 Introduction to the Old Testament - 3 points
MURDOCH: S1-internal, S1-external

THE507 Introduction to the New Testament - 3 points
MURDOCH: S2-internal, S2-external

THE509 Turning Points in Church History - 3 points
MURDOCH: S2-internal, S2-external

GRADUATE DIPLOMA IN CHAPLAINCY (GRADDIPCHAP)

School of Arts

Graduate Diploma in Chaplaincy (GradDipChap)

Course Codes: G1067

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

Caring for the spiritual needs of people in a variety of life situations has become increasingly important in contemporary society. As a result, chaplains are now found in schools, hospitals, prisons, aged care, and many work places. This qualification provides an excellent academic and practical foundation for meeting the challenges of working as a chaplain across a range of contexts.

Admission Requirements (Onshore):

Recognised Bachelor's degree (AQF level 7) in any discipline.

English Competence:

English competence.

Employment Prospects:

Employment opportunities include chaplaincy in schools, hospitals, prisons, aged care, and other work places.

Course Structure - 24 credit points

Core Units - 12 credit points

THE505 Thinking Theology - 3 points

MURDOCH: S1-internal, S1-external

THE528 Spirituality - 3 points

MURDOCH: S1-internal, S1-external

THE512 Pastoral Practicum - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

THE513 Chaplaincy in Theory and Practice - 3 points

MURDOCH: S2-internal, S2-external

Specified Electives - 12 credit points

Select from the following:

THE512 Pastoral Practicum - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This Core Unit may be repeated once as a Specified Elective with different content.

THE511 Teaching Religion in Schools - 3 points

Not available this year

THE506 Introduction to the Old Testament - 3 points

MURDOCH: S1-internal, S1-external

THE507 Introduction to the New Testament - 3 points

MURDOCH: S2-internal, S2-external

THE509 Turning Points in Church History - 3 points

MURDOCH: S2-internal, S2-external

THE510 Emerging Christian Theology: The Creeds (100-500 CE) - 3 points

MURDOCH: S2-internal, S2-external

THE645 Pastoral Care - 3 points

Not available this year

THE624 Ethics - 3 points

Not available this year

GRADUATE DIPLOMA IN THEOLOGY (GRADDIPTHEOL)

School of Arts

Graduate Diploma in Theology (GradDipTheol)

Course Codes: G1050

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

The Graduate Diploma in Theology provides substantial theological grounding for teachers in religious schools and staff in church agencies. It is also an excellent way for those with a general interest in Theology to obtain a significant foundation in the key areas of theological inquiry. The course introduces students to biblical studies, methods of theological construction, and the history of Christianity. Students are then able to develop their knowledge further in these areas through the selection of appropriate electives.

Admission Requirements (Onshore):

A recognised Bachelors degree (AQF level 7) or higher.

English Competence:

English competence.

Course Structure - 24 credit points

Core Units - 15 credit points

THE506 Introduction to the Old Testament - 3 points

MURDOCH: S1-internal, S1-external

THE507 Introduction to the New Testament - 3 points

MURDOCH: S2-internal, S2-external

THE505 Thinking Theology - 3 points

MURDOCH: S1-internal, S1-external

THE509 Turning Points in Church History - 3 points

MURDOCH: S2-internal, S2-external

THE510 Emerging Christian Theology: The Creeds (100-500 CE) - 3 points

MURDOCH: S2-internal, S2-external

Specified Electives - 9 credit points

Select from the following units, with at least 3 points at 500 level.

THE528 Spirituality - 3 points

MURDOCH: S1-internal, S1-external

THE645 Pastoral Care - 3 points

Not available this year

THE624 Ethics - 3 points

Not available this year

THE625 Christology - 3 points

MURDOCH: S1-internal, S1-external

THE620 Old Testament Exegesis - 3 points

MURDOCH: S2-internal, S2-external

THE621 New Testament Exegesis - 3 points

MURDOCH: S1-internal, S1-external

THE622 Globalisation of Modern Christianity - 3 points

Not available this year

THE623 Britain and the Reformation Era - 3 points

MURDOCH: S1-internal, S1-external

THE619 Triune God - 3 points

Not available this year

THE511 Teaching Religion in Schools - 3 points
Not available this year

MASTER OF DIVINITY (MDIV)

School of Arts

Master of Divinity (MDiv)

Course Codes: M1207

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

This course explores one of the world's oldest learning disciplines and immerses students in the history, beliefs and practices of the Christian tradition. In this three-year course, students will explore history, literature, social sciences and philosophy to gain an in-depth understanding of how the Christian tradition has developed and its meaning and value today. Students will study units in Biblical Studies, Church History, Systematic Theology and Practical Theology.

Admission Requirements (Onshore):

Recognised Bachelor's degree in any discipline. Consideration will be given to previous studies in Theology for possible advanced standing of up to 24 points of credit toward the Master of Divinity.

English Competence:

English competence.

Employment Prospects:

Students in Theology training for ordained ministry are selected by their respective churches. In addition teachers in church schools need to do some Theology. Other employment prospects exist as church youth workers and chaplains in government schools.

Professional Recognition:

This course is a professional qualification for ministry. When completed in conjunction with prescribed Church requirements, it is a recognised university qualification in Western Australia for ordination in the Anglican Church of Australia and the Uniting Church of Australia.

Unit Selection:

The Coursework option of the Master of Divinity is appropriate for those who wish to study for a professional qualification as the academic component of preparation for ordination. It is also the best option for those seeking broad knowledge of the range of theological disciplines. The Research option is appropriate for those who wish to specialise in one or more specific areas of Theology, particularly those who may wish to progress to a higher degree by research.

Course Structure - 72 credit points

Year 1 - 24 credit points

Core Units - 24 credit points

THE506 Introduction to the Old Testament - 3 points
MURDOCH: S1-internal, S1-external

THE507 Introduction to the New Testament - 3 points
MURDOCH: S2-internal, S2-external

THE505 Thinking Theology - 3 points
MURDOCH: S1-internal, S1-external

THE509 Turning Points in Church History - 3 points
MURDOCH: S2-internal, S2-external

THE528 Spirituality - 3 points

MURDOCH: S1-internal, S1-external

THE510 Emerging Christian Theology: The Creeds (100-500 CE) - 3 points

MURDOCH: S2-internal, S2-external

Plus two units from one of the biblical languages listed below (6 credit points):

REL207 Biblical Hebrew I - 3 points
Not available this year

and

REL208 Biblical Hebrew II - 3 points
Not available this year

OR

REL209 New Testament Greek I - 3 points
MURDOCH: S1-internal, S1-external

and

REL210 New Testament Greek II - 3 points
MURDOCH: S2-internal, S2-external

Coursework Option - 48 credit points

Year 2 - 24 credit points

Core Units - 24 credit points

THE620 Old Testament Exegesis - 3 points
MURDOCH: S2-internal, S2-external

THE621 New Testament Exegesis - 3 points
MURDOCH: S1-internal, S1-external

THE615 Worship and Liturgy - 3 points
MURDOCH: S1-internal, S1-external

THE625 Christology - 3 points
MURDOCH: S1-internal, S1-external

THE623 Britain and the Reformation Era - 3 points
MURDOCH: S1-internal, S1-external

THE663 Church, Ministry and Sacraments - 3 points
MURDOCH: S2-internal, S2-external

THE618 Homiletics - 3 points
MURDOCH: S2-internal, S2-external

THE617 Advanced Biblical Interpretation Seminar - 3 points
MURDOCH: S2-internal, S2-external

Year 3 - 24 credit points

Core Units - 24 credit points

THE620 Old Testament Exegesis - 3 points
MURDOCH: S2-internal, S2-external

THE621 New Testament Exegesis - 3 points
MURDOCH: S1-internal, S1-external

THE622 Globalisation of Modern Christianity - 3 points
Not available this year

THE619 Triune God - 3 points
Not available this year

THE645 Pastoral Care - 3 points
Not available this year

THE614 Apologetics - 3 points
Not available this year

THE616 Missiology - 3 points
Not available this year

THE624 Ethics - 3 points
Not available this year

Research Option - 48 credit points**Years 2 and 3 - 48 credit points****Core Units - 48 credit points**

Select a Research Option from those listed below of up to 15 points and select the balance of the points for Years 2 and 3 Core Units from the Coursework Option Year 2 and Year 3 units listed above.

Research Option 1 - 6 credit points

ART6401 Masters by Coursework Research Project - 6 points
MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external

Research Option 2 - 12 credit points

ART604 Advanced Social Science Research Methods - 3 points
MURDOCH: S1-internal, S1-external

and

ART6402 Masters by Coursework Research Project - 9 points
Not available this year

Research Option 3 - 15 credit points

ART604 Advanced Social Science Research Methods - 3 points
MURDOCH: S1-internal, S1-external

and

ART610 Masters by Coursework Research Dissertation - 12 points
MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

VETERINARY SCIENCE**GRADUATE CERTIFICATE IN VETERINARY STUDIES IN SMALL ANIMAL PRACTICE (GRADCERTVS)**

School of Veterinary and Life Sciences

Graduate Certificate in Veterinary Studies in Small Animal Practice (GradCertVS)

Course Codes: C1113

Duration: 1 to 2 years (part-time recommended)

Availability:

- Murdoch campus (external)
- This course is not available on campus and so is not available to international students studying in Australia on a student visa; however, postgraduate students who have successfully completed the Postgraduate Certificate in Small Animal Practice (International) (C1087) are eligible to apply for external study only.

Restriction: All graduate courses are subject to restriction.

This course is designed to provide the opportunity for veterinarians in practice to further their skills in three discipline areas of interest relevant to Small Animal Medicine and Surgery. Subjects available include:

Medicine -- endocrinology, renal, cardiorespiratory and alimentary systems;

Surgery -- soft tissue surgery, orthopaedics and musculoskeletal system, and Clinical Pathology, Diagnostic Imaging, Dermatology and Anaesthesia and Critical Care, and Infectious and Parasitic Diseases.

Students successfully completing this course may go on to enrol in the Master of Veterinary Studies (M1022).

Admission Requirements (Onshore):

Recognised qualifications that would permit registration as a

Veterinary Surgeon in Australia.

English Competence:

English competence.

Further Study:

Students who successfully complete the Graduate Certificate with a GPA of at least 60 percent may apply for admission to the Master of Veterinary Studies (Small Animal Practice).

Course Structure - 12 credit points**Core Units - 12 credit points**

Select from the following:

VET523 Surgery 1 - 3 points
MURDOCH: S1-external (quota of 30 places)

VET524 Surgery 2 - 3 points
MURDOCH: S2-external (quota of 30 places)

VET588 Diagnosis - 3 points
MURDOCH: S1-external (quota of 30 places), S2-external (quota of 30 places)

VET520 Diagnostic Imaging - 3 points
MURDOCH: S1-external (quota of 30 places)

VET527 Emergency Medicine - 3 points
Not available this year

GRADUATE CERTIFICATE IN VETERINARY STUDIES IN SMALL ANIMAL PRACTICE (INTERNATIONAL) (GRADCERTVS(INT))

School of Veterinary and Life Sciences

Graduate Certificate in Veterinary Studies in Small Animal Practice (International) (GradCertVS(Int))

Course Codes: C1125

Duration: 1 to 2 years (part-time recommended)

Availability:

- Not currently available to new admissions
- This external course is only available online.

Restriction: All graduate courses are subject to restriction.

This course has been designed for veterinarians working in small animal practice in the Asia-Pacific and other tropical and subtropical locations outside Australia. The course will provide veterinarians with knowledge and expertise to complement their undergraduate studies in small animal medical diagnosis and problem solving, surgery, diagnostic imaging and emergency medicine. The entire content of the external course option is delivered online.

Admission Requirements (Onshore):

Veterinary undergraduate degree obtained from a university outside Australia, New Zealand or the United Kingdom; completion of a one-week practical short course (offshore workshop) held in Asia.

Admission Requirements (Offshore):

Veterinary undergraduate degree obtained from a university outside Australia, New Zealand or the United Kingdom; completion of a one-week practical short course (offshore workshop) held in Asia.

English Competence:

A high level of English competence equivalent to at least IELTS score 6.0, or TOEFL 550 (with the Test of Written English 5) [paper-based], or TOEFL 213 (with the Test of Written English 5) [computer-based].

Special Requirements:

Internet access is required for the external course option.

Employment Prospects:

Graduates will have the opportunity to use the qualification to supplement their home country veterinary degree and advance their career prospects in the booming small animal practice veterinary industry in South-East Asia, or to apply for enrolment in further Murdoch postgraduate veterinary study.

This course also provides appropriate preparation for the small animal sections of the National Veterinary Examination in Australia or New Zealand (but does not ensure registration.)

Professional Recognition:

There is no professional body recognition of this course. However, many organisations value a postgraduate qualification from an English-speaking and AVMA-accredited institution.

Further Study:

Students who successfully complete the Graduate Certificate with a GPA of at least 60 percent may enrol in the Master of Veterinary Studies (Small Animal Practice).

Course Structure - 15 credit points

Core Units must be completed prior to Specified Electives.

Core Units - 6 credit points

VET588 Diagnosis - 3 points

MURDOCH: S1-external (quota of 30 places), S2-external (quota of 30 places)

VET589 Surgical Principles - 3 points

MURDOCH: S2-external

Specified Electives - 9 credit points

Select from the following:

VET520 Diagnostic Imaging - 3 points

MURDOCH: S1-external (quota of 30 places)

VET523 Surgery 1 - 3 points

MURDOCH: S1-external (quota of 30 places)

VET524 Surgery 2 - 3 points

MURDOCH: S2-external (quota of 30 places)

VET527 Emergency Medicine - 3 points

Not available this year

MASTER OF VETERINARY CLINICAL STUDIES (MVETCLINSTUD)

School of Veterinary and Life Sciences

Master of Veterinary Clinical Studies (MVetClinStud)

Course Codes: M1223

Duration: 1.5 years full-time

Availability:

- Murdoch campus (internal)
- This course is not available to International students.

Restriction: All graduate courses are subject to restriction.

This course provides veterinarians engaged in a residency training program with intense clinical instruction using case material from the Murdoch University Veterinary Hospital. The course comprises units and structured training opportunities that meet the credentials for examination by the Australian and New Zealand College of Veterinary Scientists or the American or European Colleges in the relevant veterinary clinical discipline. Practical clinical training is based on supervised management of clinical cases in a selected field

of veterinary clinical science, attendance and participation in clinical rounds, seminars, journal club and necropsy presentations, and in the completion of papers for publication in peer-reviewed journals.

Admission Requirements (Onshore):

Current registration as a Veterinary Surgeon in Australia or recognised qualifications that would permit registration as a Veterinary Surgeon in Australia; plus acceptance into a Residency Training Program in the College of Veterinary Medicine; plus approval of the Academic Chair.

English Competence:

English competence equivalent to an IELTS of 7.0 or greater.

Employment Prospects:

This course provides clinical training opportunities that meet components of the credentialing process for examination by the Australian and New Zealand College of Veterinary Scientists or the American or European Colleges in the relevant veterinary clinical discipline. As such, this is a step in the professional pathway to recognition as a veterinary specialist and towards a career in veterinary academia.

Professional Accreditation:

This course meets components of the credentialing process for examination by the Australian and New Zealand College of Veterinary Scientists or the American or European Colleges in the relevant clinical discipline.

Course Structure - 36 credit points**Core Units - 18 to 36 credit points**

VET678 Veterinary Case Management Rounds - 3 points

MURDOCH: H-internal, Y-internal

VET679 Seminars in Veterinary Clinical Studies - 3 points

MURDOCH: H-internal, Y-internal

VET622 Case Reports - 3 points

MURDOCH: S1-external (quota of 20 places), S2-external (quota of 20 places)

The number of points across Advanced Veterinary Case Management and Advanced Veterinary Case Management 2, and the choice of specified elective units, must be approved by the Academic Chair based on the discipline choice of the student.

VET675 Advanced Veterinary Case Management - 3 points

MURDOCH: H-internal, S1-internal, S2-internal, Y-internal

VET676 Advanced Veterinary Case Management 2 - 3 points

MURDOCH: H-internal, S1-internal, S2-internal, Y-internal

VET6761 Advanced Veterinary Case Management 2 - 6 points

MURDOCH: H-internal, S1-internal, S2-internal, Y-internal

VET6762 Advanced Veterinary Case Management 2 - 9 points

MURDOCH: H-internal, S1-internal, S2-internal, Y-internal

Specified Electives - 0 to 18 credit points

Select from the following with approval of the Academic Chair.

VET621 Clinical Pathology 1 - 3 points

Not available this year

VET648 Clinical Pathology 2 - 3 points

Not available this year

VET625 Medicine 1 - 3 points

MURDOCH: S1-external (quota of 30 places)

VET626 Medicine 2 - 3 points

MURDOCH: S2-external (quota of 30 places)

VET628 Dermatology - 3 points

MURDOCH: S2-external (quota of 30 places)

VET629 Infectious and Parasitic Diseases - 3 points

- MURDOCH: S2-external (quota of 30 places)
- VET694 Evidence-Based Clinical Practice - 3 points
MURDOCH: S1-external (quota of 30 places)
- VET649 Surveillance Project - 12 points
MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external
- VET641 Principles of Epidemiology - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
- VET642 Practical Applications of Epidemiology - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external
- VET609 Medicine 3 - 3 points
MURDOCH: S1-external (quota of 30 places)
- VET647 Advanced Surgical Techniques - 3 points
MURDOCH: S2-internal, S2-external (quota of 30 places)
- VET673 Equine Medicine I - 3 points
MURDOCH: S1-internal, S1-external
- VET674 Equine Medicine II - 3 points
MURDOCH: S2-internal, S2-external
- VET660 Advanced Anaesthesia and Critical Care - 3 points
Not available this year
- VET671 Advanced Diagnostic Imaging - 3 points
Not available this year
- VET699 Epidemiological Studies: Design and Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MASTER OF VETERINARY STUDIES (CONSERVATION MEDICINE) (MVS)

School of Veterinary and Life Sciences

Master of Veterinary Studies (MVS) (Conservation Medicine)

Course Codes: M1122

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal) (subject to approval of Academic Chair)

Restriction: All graduate courses are subject to restriction.

Conservation medicine is an emerging discipline that involves the integration of veterinary science, conservation biology and public health in order to: advance biodiversity conservation; address issues associated with the interrelationships between human, animal and ecosystem health; and study the effects of global environmental change on these health interrelationships. There is increasing recognition that veterinarians have an important role to play within interdisciplinary teams working on environmental conservation projects.

This degree will provide veterinarians with training and expertise which can be applied in private practice, zoos and wildlife conservation projects. It may be entirely coursework-based or may involve a placement with a conservation project either in Australia or overseas.

Admission Requirements (Onshore):

Recognised Bachelor of Veterinary Medicine and Surgery (BVMS) or higher, or equivalent training.

Recognised Prior Learning - at least one year of experience in the workplace if applying to enter directly into the MVS in Conservation Medicine.

Internet access is required for all students, especially those studying externally.

English Competence:

English competence.

Special Requirements:

Internet access is required for all students.

Employment Prospects:

Careers in endangered species recovery projects, as zoo veterinarians or in wildlife conservation through work in private practice.

Professional Recognition:

The Australian Veterinary Association recognises veterinary graduate study as fulfilling requirements toward required professional development (continuing veterinary education).

Main Research Areas:

Wildlife, Zoo and Conservation Medicine.

Course Structure - 24 credit points

University regulations require completion of a minimum of 16 points at 600-level and a maximum of 8 points at 500-level for a 24-point Masters by Coursework degree.

Core Units - 12 to 15 credit points

VET630 Conservation Medicine - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

VET631 Wildlife Medicine - 3 points
MURDOCH: S1-internal, S1-external

VET641 Principles of Epidemiology - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

OR

VET694 Evidence-Based Clinical Practice - 3 points
MURDOCH: S1-external (quota of 30 places)

VET639 Conservation Medicine Field Placement/Project - 3 points
MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

OR

VET6391 Conservation Medicine Field Placement/Project - 6 points
MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Specified Electives - 9 to 12 credit points

Choice of electives will be determined by the total of credit points taken as Core Units.

Select from the units below. Some electives have specific entrance requirements and students will need to check with Unit Coordinators to determine their eligibility for these units. Students are also able to pursue cross-institutional enrolment opportunities. More information is available upon acceptance into the course.

VET664 Wildlife Comparative Pathology Project - 3 points
MURDOCH: S2-internal, S2-external

VET629 Infectious and Parasitic Diseases - 3 points
MURDOCH: S2-external (quota of 30 places)

VET621 Clinical Pathology 1 - 3 points
Not available this year

VET640 Infectious and Emerging Diseases - 3 points
MURDOCH: S2-internal, S2-external

VET641 Principles of Epidemiology - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

VET642 Practical Applications of Epidemiology - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

VET649 Surveillance Project - 12 points

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

VET694 Evidence-Based Clinical Practice - 3 points
MURDOCH: S1-external (quota of 30 places)

AST650 Culture, Communities and Sustainability in Asia - 3 points
MURDOCH: S1-internal, S1-external

EDU650 Environmental Education for Sustainability - 3 points
MURDOCH: S2-internal, S2-external

SUS670 Sustainable Communities and 'The Good Life' - 3 points
MURDOCH: S2-internal, S2-external

SUS633 Disasters and Risk Management - 3 points
MURDOCH: S2-internal

SUS611 Resilient Regions: People and Practice - 3 points
MURDOCH: SUM-internal

MASTER OF VETERINARY STUDIES (SMALL ANIMAL PRACTICE) (MVS)

School of Veterinary and Life Sciences

Master of Veterinary Studies (MVS) (Small Animal Practice)

Course Codes: M1022

Duration: 2 to 4 years (part-time recommended)

Availability:

- Murdoch campus (external)
- This course is not available on campus and so is not available to international students studying in Australia on a student visa; however, postgraduate students who have successfully completed the Postgraduate Certificate in Small Animal Practice (International) (C1087) are eligible to apply for external study only.

Restriction: All graduate courses are subject to restriction.

This course is designed for veterinarians in small animal practice to develop further their skills in a number of discipline areas relevant to small animal clinical practice and provides instruction on the new diagnostic techniques and therapeutic modalities. Evidence-Based Clinical Practice and Case Reports are core units; with electives in Clinical Pathology, Dermatology, Medicine (1-3), Research Methodology, Epidemiological Studies and Advanced Surgical Techniques, Veterinary Anaesthesia and Critical Care, Advanced Diagnostic Imaging and Veterinary Practice Management. The entire content of this course is delivered online.

Admission Requirements (Onshore):

Current registration as a veterinary surgeon in Australia, or recognised qualifications that would permit registration as a Veterinary Surgeon in Australia. Clinical Practice experience (Recognised Prior Learning) of at least one year in the workplace if applying to enter directly into the Master of Veterinary Studies (Small Animal Practice).

Applicants with a Graduate Certificate in Veterinary Studies in Small Animal Practice (International) (AQF Level 8) are required to have achieved a GPA of at least 60 percent in that degree course.

Active engagement in small animal practice.

English Competence:

English competence.

Special Requirements:

Internet access is required for all students.

Employment Prospects:

Veterinary careers in referral practices. This MVS degree provides appropriate preparation for Membership of the Australian and New Zealand College of Veterinary Scientists and for Residency training

programs in Australia.

Professional Recognition:

The Australian Veterinary Association recognises veterinary postgraduate study as fulfilling requirements toward required professional development (continuing veterinary education).

Course Structure - 24 credit points

Core Units - 6 credit points

VET622 Case Reports - 3 points
MURDOCH: S1-external (quota of 20 places), S2-external (quota of 20 places)

VET694 Evidence-Based Clinical Practice - 3 points
MURDOCH: S1-external (quota of 30 places)

Specified Electives - 18 credit points

Select from the following:

VET621 Clinical Pathology 1 - 3 points
Not available this year

VET625 Medicine 1 - 3 points
MURDOCH: S1-external (quota of 30 places)

VET626 Medicine 2 - 3 points
MURDOCH: S2-external (quota of 30 places)

VET609 Medicine 3 - 3 points
MURDOCH: S1-external (quota of 30 places)

VET628 Dermatology - 3 points
MURDOCH: S2-external (quota of 30 places)

VET629 Infectious and Parasitic Diseases - 3 points
MURDOCH: S2-external (quota of 30 places)

VET631 Wildlife Medicine - 3 points
MURDOCH: S1-internal, S1-external

VET666 Research Methodology - 3 points
MURDOCH: S2-internal

VET647 Advanced Surgical Techniques - 3 points
MURDOCH: S2-internal, S2-external (quota of 30 places)

VET648 Clinical Pathology 2 - 3 points
Not available this year

VET660 Advanced Anaesthesia and Critical Care - 3 points
Not available this year

VET671 Advanced Diagnostic Imaging - 3 points
Not available this year

VET672 Veterinary Practice Management - 3 points
Not available this year

MASTER OF VETERINARY STUDIES (VETERINARY SURVEILLANCE) (MVS)

School of Veterinary and Life Sciences

Master of Veterinary Studies (MVS) (Veterinary Surveillance)

Course Codes: M1121

Duration: 1 year full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

This degree will provide veterinarians with knowledge and expertise in epidemiology and in particular skills in disease surveillance and monitoring and risk assessment. They will develop the skills necessary for effective disease surveillance and implementation of

disease control strategies. The degree will provide instruction on the diagnosis, detection and control of new, emerging and re-emerging diseases.

Admission Requirements (Onshore):

Recognised Bachelor of Veterinary Medicine and Surgery (BVMS) with at least one year of experience in the work place. Direct entry for graduates with a higher level (DVM) veterinary degree.

English Competence:

English competence.

Employment Prospects:

This degree will enhance employment opportunities for veterinarians working in Australia and overseas by allowing specialisation in the latest methods to develop and evaluate disease control programs in production animals.

Main Research Areas:

Epidemiology of infectious and non-infectious disease.

Course Structure - 24 credit points

Core Units - 24 credit points

VET641 Principles of Epidemiology - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

VET642 Practical Applications of Epidemiology - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

VET640 Infectious and Emerging Diseases - 3 points
MURDOCH: S2-internal, S2-external

VET699 Epidemiological Studies: Design and Analysis - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

VET649 Surveillance Project - 12 points
MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

BUSINESS ADMINISTRATION

MASTER OF BUSINESS (RESEARCH) (MBUS)

School of Management and Governance

Master of Business (MBus)

Course Codes: M1179

Duration: 1.5 years full-time or part-time equivalent

Availability:

- Not currently available to new admissions

Restriction: All graduate courses are subject to restriction.

The Master of Business (Research) provides comprehensive coverage of the key research skills required to undertake research in critical business problem solving. It can be completed in one and a half years (full-time) or three years (part-time), using semesters and summer and winter terms. It provides a platform for those students wishing to undertake a further research degree and follow a research career that is both well-paid and provides national and international working opportunities.

Admission Requirements (Onshore):

To be eligible for admission as a candidate for a Master of Business by Research, an applicant must have:

- * a Bachelor Degree with Honours normally in the same discipline (AQF level 8) or cognate area; or
- * a Bachelor Degree normally in Business (AQF level 7) and satisfy the Director of Postgraduate Studies with evidence of scholarly or professional attainments (of at least two years full-time duration or equivalent) relevant to the proposed research discipline equivalent to AQF level 8; or

* a Bachelor Degree in a different discipline (AQF level 7) and have successfully completed a graduate course in Business, or equivalent, requiring at least one year of equivalent full-time study (AQF level 8), and satisfy the Director of Postgraduate Studies with evidence of scholarly or professional attainments (of at least two years full-time duration or equivalent) relevant to the proposed research discipline equivalent to AQF level 8.

English Competence:

English competence.

Course Structure - 36 credit points

Core Units - 36 credit points

MBS620 Research Preparation for Business - 3 points
MURDOCH: S1-internal, S2-internal

MBS611 Directed Studies in Business - 3 points
MURDOCH: S1-internal, S2-internal

MBS610 Master of Business Thesis - 24 points
MURDOCH: S1-internal, S2-internal

MBS659 Quantitative Research for Business - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS619 Qualitative Organisational Research - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

6

EDUCATION

MASTER OF EDUCATION (RESEARCH) (MED)

School of Education

Master of Education (MEd)

Course Codes: M1168

Duration: 1.5 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

This is an 18 month research degree designed to provide the education profession and the community in general with leaders capable of addressing critical issues in educational practice, policy and research. It is designed for: teachers, educational leaders and administrators, and other education professionals who seek to extend and deepen their expertise in Education; professionals carrying out educational duties in other relevant fields who seek professional development and renewal; and those planning to proceed to higher degrees. Students undertake a research dissertation (24 points) and 12 points of coursework. This is a research-classified course.

Admission Requirements (Onshore):

To be eligible for admission as a candidate for a Master of Education (Research) an applicant must have:

- * a Bachelor Degree in Education (AQF level 7), or equivalent, and satisfy the Graduate Research Manager with evidence of scholarly or professional attainments relevant to the proposed research discipline; or
- * a Bachelor Degree in a different discipline (AQF level 7) and have successfully completed a graduate course in Education, or equivalent, requiring at least one year of equivalent full-time study (AQF level 8), and satisfy the Graduate Research Manager with evidence of scholarly or professional attainments relevant to the proposed research discipline; or
- * a Bachelor Degree in a different discipline and satisfy the Graduate Research Manager with evidence of significant scholarly or professional attainments (of at least two years full-time duration

or equivalent) in Education equivalent to AQF level 8.

English Competence:

English competence.

Special Requirements:

Internet access is a requirement for all external students.

Additional Academic Progress Requirements:

In order to progress to the dissertation component of this degree students must achieve a minimum of 65 percent in Research Methodology units and pass the exam; or with the permission of the Academic Chair.

Course Structure - 36 credit points

A student must normally enrol in a minimum of 6 points per semester of dissertation as a part-time student or 12 points per semester as a full-time student.

All students enrolling in this course will be required to complete a Graduate Program of Study (thesis plan) by the end of enrolment in the first 6 points of EDU700 Research in Education (Research Dissertation). This plan will be submitted through the School of Education's Research and Teaching Assistant to the Research and Development Board for approval.

Core Units - 36 credit points

EDU610 Introduction to Research for Educators - 6 points
MURDOCH: S1-internal, S1-external, S2-external

EDU602 Developing Research Capacities for Educators - 6 points
MURDOCH: S2-internal, S2-external

EDU700 Research in Education (Research Dissertation) - 12 points
MURDOCH: R1-internal, R1-external, R2-internal, R2-external, RAU-internal, RAU-external, RSP-internal, RSP-external
Full-time students should enrol in this unit for 12 points for each of two semesters; part-time students for 6 points for each of four semesters, or up to the maximum candidature time available.

DOCTOR OF EDUCATION (EDD)

School of Education

Doctor of Education (EdD)

Course Codes: D1017

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external) (all but one unit)

Restriction: All graduate courses are subject to restriction.

The Doctor of Education is an intensive course of study leading to the professional doctorate degree in Education. It consists of coursework and applied research leading to a dissertation.

The purpose of the degree is to provide advanced level study in Education at a high degree of specialisation through applied research in a selected area of practice. On entry to the EdD, each candidate will be assigned a supervisor who will assist in the development of an approved plan of study appropriate to the intended specialisation. For this course, on-campus meetings are available through negotiation.

Admission Requirements (Onshore):

Advanced academic study, research preparation and professional experience are required for admission to the course.

To be eligible for admission as a candidate for a Doctor of Education an applicant must have:

Bachelor Degree with at least a 2A Honours normally in the same discipline (AQF level 8); or

a Masters Degree normally in the same discipline (AQF level 9) and satisfy the Graduate Research Manager with evidence of substantive and significant scholarly or professional attainments; or a Bachelor Degree normally in the same discipline (AQF level 7) and satisfy the Graduate Research Manager with evidence of substantive and significant scholarly or professional attainments including satisfactory research preparation the equivalent of AQF level 8 or 9. Students who have a Master of Education degree by coursework or research will be considered on a case-by-case basis for credit.

English Competence:

English competence.

Employment Prospects:

Graduates are qualified to obtain high-level professional positions in a range of locations in the broad Education industry.

Main Research Areas:

Learning sciences, technologies for learning, critical pedagogy and specialist studies in Education

Additional Admission Requirements:

The entry requirements are the equivalent of a Bachelor of Education (or other relevant degree) with honours from a recognised university or equivalent and at least two years of relevant professional experience.

Students with a Master of Education by coursework degree may be asked to complete a small project as part of the first year of the Education Doctorate. At most students may be granted 12 points of credit; those who have a part-completed MEd will also be considered on a case-by-case basis and may be awarded credit on a pro rata basis, provided these studies were undertaken within the last 10 years. Despite the amount of credit which may be awarded for previous studies, students may be requested to enrol in up to 12 points of coursework at the 600-level, which their supervisor or the student considers to be advantageous either for professional development or for the completion of the dissertation. To count as credit towards the EdD, a student must normally pass the units at Credit level or above.

Candidates who do not meet the admission requirements may be offered a place in a preliminary course designed to prepare them for admission to the doctoral course. The specific studies to be completed within a preliminary course would be determined in each case by the School's Research Committee.

Course Structure - 72 credit points

Core Units - 66 credit points

EDU610 Introduction to Research for Educators - 6 points
MURDOCH: S1-internal, S1-external, S2-external

EDU602 Developing Research Capacities for Educators - 6 points
MURDOCH: S2-internal, S2-external

EDU701 Advanced Educational Research Seminar - 3 points
MURDOCH: S2-internal, S2-external

Plus either

EDU743 Advanced Qualitative Approaches to Research - 3 points
MURDOCH: S2-internal, S2-external

OR

EDU739 Advanced Quantitative Approaches to Research - 3 points
MURDOCH: S2-internal, S2-external

EDU900 Research in Education (Research Dissertation) - 12 points

Full-time students should enrol in the thesis for 12 points for each of four semesters and part-time students for 6 points for each of eight semesters, or up to maximum candidature time available.

Specified Electives - 6 credit points

In consultation with their supervisor, students select two 600-level units so as to develop knowledge in the appropriate substantive area and to strengthen research methodology knowledge and skills in preparation for undertaking the thesis project. In addition, a candidate may be permitted to take up to 6 points by Independent Study at 600 level or by undertaking units at another institution.

INFORMATION TECHNOLOGY**DOCTOR OF INFORMATION TECHNOLOGY (DIT)**

School of Engineering and Information Technology

Doctor of Information Technology (DIT)

Course Codes: D1059

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Some units only: Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

The Doctor of Information Technology (DIT) is an intensive course of study leading to a professional doctorate in Information Technology. The first two semesters consist of a selection from the School's masters-level units covering approaches to information technology and a wide range of topics of current concern in the industry. The final four research semesters culminate with the writing of a research dissertation which embodies a significant contribution to professional practice in Information Technology.

Admission Requirements (Onshore):

To be eligible for admission as a candidate for a Doctor of Information Technology, an applicant must have:
a Bachelor Degree with at least a 2A Honours normally in the same discipline (AQF level 8); or
a Masters Degree normally in the same discipline (AQF level 9) and satisfy the Manager with evidence of substantive and significant scholarly or professional attainments; or
a Bachelor Degree normally in the same discipline (AQF level 7) and satisfy the Manager with evidence of substantive and significant scholarly or professional attainments including satisfactory research preparation the equivalent of AQF level 8 or 9.

English Competence:

English competence.

Advanced Standing:

Up to 24 points (1 year) of advanced standing is available to students with a Masters Degree in IT.

Course Structure - 72 credit points

In Semesters 3, 4, 5 and 6, full-time students should enrol in the thesis unit for 12 points each semester and part-time students for 6 points each semester, until the submission of the thesis.

Semesters 1 and 2 - 24 credit points**Core Unit - 3 credit points**

ICT615 Information Technology Research Methods - 3 points
MURDOCH: S1-internal

Specified Electives - 21 credit points

Select from the following:

ICT501 Business Analysis and Systems Development Approaches - 3 points
MURDOCH: S2-internal, S2-external

ICT612 Human Factors in Information Technology - 3 points
MURDOCH: S1-internal

ICT546 Local Area Network Design and Implementation - 3 points
MURDOCH: S1-internal

ICT616 Data Resources Management - 3 points
MURDOCH: S2-internal

ICT517 Advanced IT Study Project - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ICT508 Information Technology Project Management - 3 points
MURDOCH: S1-internal

ICT619 Intelligent Systems Applications - 3 points
MURDOCH: S2-internal

ICT622 Information Technology Strategy - 3 points
MURDOCH: S2-internal

ICT700 Computer Science Research Topic - 3 points
MURDOCH: S1-internal, S2-internal

ICT704 Information Systems Research Topic - 3 points
MURDOCH: S1-internal, S2-internal

Semester 3 - 12 credit points**Core Units - 12 credit points**

ICT702 Doctor of Information Technology Thesis - 12 points
MURDOCH: R1-internal, R1-external, R2-internal, R2-external, RAU-internal, RAU-external, RSP-internal, RSP-external, S1-internal, S1-external, S2-internal, S2-external

Semester 4 - 12 credit points**Core Units - 12 credit points**

ICT702 Doctor of Information Technology Thesis - 12 points
MURDOCH: R1-internal, R1-external, R2-internal, R2-external, RAU-internal, RAU-external, RSP-internal, RSP-external, S1-internal, S1-external, S2-internal, S2-external

Semester 5 - 12 credit points**Core Units - 12 credit points**

ICT702 Doctor of Information Technology Thesis - 12 points
MURDOCH: R1-internal, R1-external, R2-internal, R2-external, RAU-internal, RAU-external, RSP-internal, RSP-external, S1-internal, S1-external, S2-internal, S2-external

Semester 6 - 12 credit points**Core Units - 12 credit points**

ICT702 Doctor of Information Technology Thesis - 12 points
MURDOCH: R1-internal, R1-external, R2-internal, R2-external, RAU-internal, RAU-external, RSP-internal, RSP-external, S1-internal, S1-external, S2-internal, S2-external

LAW**MASTER OF LAWS BY RESEARCH (LLM)**

School of Law

Master of Laws (LLM)

Course Codes: M1197

Duration: 1.5 years full-time or part-time equivalent; OR 12 months for entrance with Law Honours, or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external) (subject to approval on a case-by-case basis)

Restriction: All graduate courses are subject to restriction.

The Master of Laws by Research is designed to extend to students

the opportunity to undertake research at an advanced level. The course is designed to enable students:

- to achieve a theoretical knowledge of the major legal and policy issues of focused areas of legal study which are not offered at the undergraduate level;
- to develop their skills of critical analysis of the law by enhancing their research and writing skills and in oral presentation;
- to acquire interdisciplinary perspectives which will enhance their legal scholarship; and
- to participate in a scholarly discourse with teachers and fellow students in order to achieve a breadth of legal scholarship.

Admission Requirements (Onshore):

To be eligible for admission as a candidate for a Master of Laws by Research, an applicant must have:

- * a Bachelor Degree in Law (AQF level 7), or equivalent; or
- * a Bachelor Degree in a different discipline and satisfy the Graduate Research Manager with evidence of significant scholarly or professional attainments (of at least two years full-time duration or equivalent) in Law providing satisfactory research preparation the equivalent of AQF level 8.

English Competence:

English competence.

Course Structure - 36 credit points

Candidates are required to submit a thesis in an approved area of study of at least 60,000 words.

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RESEARCH DEGREES--GENERAL

MASTER OF PHILOSOPHY (MPHIL)

No Specific School

Master of Philosophy (MPhil)

Duration: 2 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)
- Peel campus (internal)
- Peel campus (external)
- Rockingham campus (internal)
- Rockingham campus (external)

Restriction: All graduate courses are subject to restriction.

The Master of Philosophy (MPhil) is an internationally recognised postgraduate research degree that involves undertaking a significant research project. It is a supervised research program involving the independent research of a specific topic under the guidance of a supervisor. Students are required to provide a thesis that demonstrates their capacity for critical analysis and application of specialist knowledge. The MPhil program provides students with an opportunity to develop and enhance their analytical and research skills through independent investigation in a specific field. The candidate must undertake an original investigation which would normally be more limited in scope and degree of originality than a PhD. Many MPhil students choose to continue with their research in order to obtain a PhD. Likewise, some PhD students elect to finish early with an MPhil.

Students are required to produce a thesis no more than 60,000 words.

Postgraduate research offers an opportunity for you to develop a research project that fascinates you and acquire critical thinking and research skills that will transform the way you see the world. The process of completing your thesis means you have exciting opportunities to:

- * Make an original contribution to human knowledge.
- * Work with and be challenged by top academics and experts in your field, as well as attending national and international conferences.
- * Experience the joy of spending several years exploring a research topic you're passionate about.
- * Gain knowledge and critical thinking skills that will change the way you see the world.

Candidature for research degrees is offered in all Schools. The University encourages research in interdisciplinary areas as well as in the basic disciplines.

For further information on Postgraduate Research Degrees, see the Future Research Students web site:

<http://goto.murdoch.edu.au/FutureResearchStudents>

Admission Requirements (Onshore):

To be eligible for admission as a candidate for the Master of Philosophy (MPhil), an applicant must have:

- * a Bachelor Degree with at least a 2A Honours (AQF level 8); or
- * a Bachelor Degree (AQF level 7), and satisfy the Manager of Graduate Research with evidence of significant scholarly or professional attainments providing satisfactory research preparation equivalent to AQF level 8.

Admission Requirements (Offshore):

Remote candidates should generally spend a period of at least six months (not necessarily continuously) at the University during their candidature and a library, and any other facilities necessary for postgraduate research, must be available at the student's location. Applications are considered individually on their own merits.

English Competence:

Students demonstrating competence via IELTS need a score of 6.5 with no individual band less than 6.0, or via TOEFL (Internet-based) need a minimum score of 90 with no band less than 20.

Special Requirements:

Applicants for part-time study must submit a statement that they will be able to devote a minimum of 15 hours per week to their research in each year of their candidature. Full-time students must devote at least 37.5 hours per week on average to research.

Internet access is required for students studying externally; exceptions will be considered on a case-by-case basis.

Some students propose to carry out research in the course of their current employment. The conditions of this kind of enrolment must be agreed by the research candidate, their employer and the Research Degrees and Scholarships Committee.

Before you apply for admission for a postgraduate research project at Murdoch University, you will need to write a research proposal. For the best chance of being accepted, you should also find and nominate a potential supervisor.

Given the amount of time and effort you'll be investing in your research, it's important that your research topic inspires you and will keep you motivated throughout your research journey. Here is a step-by-step guide to help you develop your research proposal and find a supervisor:

<http://www.murdoch.edu.au/Research-capabilities/Future-research-students/Your-research-project/>

Employment Prospects:

When you complete a research degree at Murdoch University, you'll do much more than write a thesis. You'll develop a whole range of new skills including critical thinking, researching and writing, and experience being published, teaching and presenting in domestic and international conferences. These skills are transferable across any industry, so after graduating you could find

yourself in any number of academic or non-academic roles, in the private or public sector.

Professional Recognition:

This is an internationally recognised postgraduate research degree that involves undertaking a significant research project.

Intake Periods:

You can apply for research degrees at any time during the year. Degrees that are comprised solely of a research project can be commenced at any time.

Scholarships:

Scholarships are available for both domestic students and international students. Financial assistance can include tuition fees, living allowances and even international travel awards. Please go to the future research students website for more details:
<http://www.murdoch.edu.au/Research-capabilities/Future-research-students/Admission-and-scholarships/>

Course Structure - 48 credit points

For further information on Graduate Research Degrees, see the future research students website:
<http://goto.murdoch.edu.au/FutureResearchStudents>

RESEARCH MASTERS (WITH TRAINING)

No Specific School

Master of [fieldname]

Duration: 1.5 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)
- Peel campus (internal)
- Peel campus (external)
- Rockingham campus (internal)
- Rockingham campus (external)

Restriction: All graduate courses are subject to restriction.

Candidature for research degrees is offered in all Schools. The University encourages research in interdisciplinary areas as well as in the basic disciplines.

The Research Masters (with Training) is an 18-month full-time (or three years part-time) degree designed for students for whom additional, or specialised, research training is desirable. It is designed for:

- * Industry professionals who seek to extend and deepen their research expertise
- * Professionals and others interested in undertaking research relevant to their professional field
- * Those hoping to proceed to higher degrees but lacking in the conventional background.

Students are required to produce a thesis no more than 60,000 words. Once conferred, RMT graduates will be assessed on a case-by-case basis and may be considered eligible for admission to Doctor of Philosophy (PhD) candidature.

For further information on Postgraduate Research Degrees, see the Future Research Students web site:
<http://goto.murdoch.edu.au/FutureResearchStudents>

Admission Requirements (Onshore):

To be eligible for admission as a candidate for a Research Masters with Training (RMT), an applicant must:

- * have a Bachelor Degree in the same or cognate discipline (AQF level 7) and satisfy the Manager with evidence of professional attainments relevant to the proposed research discipline; or
- * have a Bachelor Degree in a different discipline (AQF level 7) and:
 - a) have successfully completed a graduate course in the same discipline requiring at least one year of equivalent full-time study (AQF level 8); or
 - b) satisfy the Manager of Graduate Research with evidence of professional attainments (of at least two years' full-time duration or equivalent) relevant to the proposed research discipline; or
- * satisfy the Manager of Graduate Research with evidence of significant scholarly or professional attainments equivalent to AQF level 8.

English Competence:

English competence.

Special Requirements:

Applicants for part-time study must submit a statement that they will be able to devote a minimum of 15 hours per week to their research in each year of their candidature.

Internet access is required for students studying externally; exceptions will be considered on a case-by-case basis.

Before you apply for admission for a postgraduate research project at Murdoch University, you will need to write a research proposal. For the best chance of being accepted, you should also find and nominate a potential supervisor.

Given the amount of time and effort you'll be investing in your research, it's important that your research topic inspires you and will keep you motivated throughout your research journey. Here is a step-by-step guide to help you develop your research proposal and find a supervisor:
<http://www.murdoch.edu.au/Research-capabilities/Future-research-students/Your-research-project/>

Intake Periods:

You can apply for research degrees at any time during the year. Students that have received credit for the coursework component of the RMT and their degree is comprised solely of a research project, can commence at any time. Students who are required to complete the coursework component will need to commence at the start of the relevant semester.

Course Structure - 36 credit points

Candidates undertake 12 points of graduate coursework units in their research area. Units should relate to the area of research and be discussed with supervisors. A satisfactory outcome must be achieved in those units before a candidate is allowed to progress to their research thesis (24 credit points). The thesis is expected to be 25,000 to 30,000 words in length.

For further information on Graduate Research Degrees, see the Future Research Students website:
<http://goto.murdoch.edu.au/FutureResearchStudents>

DOCTOR OF PHILOSOPHY (PHD)

No Specific School

Doctor of Philosophy (PhD)

Duration: 4 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)
- Peel campus (internal)
- Peel campus (external)

- Rockingham campus (internal)
- Rockingham campus (external)

Restriction: All graduate courses are subject to restriction.

The Doctor of Philosophy (PhD) involves students independently researching a specific topic under the guidance of a supervisor. The aim of the PhD is to foster the development of independent research skills including the capacity to formulate a problem, develop mastery of appropriate conceptual and methodological skills to address it, and relate the research topic to a broader framework of knowledge in a relevant discipline. Research involves critical inquiry designed to further human knowledge. Students are required to produce a thesis no more than 100,000 words, with the research representing a significant new contribution to the discipline.

Postgraduate research offers an opportunity for you to develop a research project that fascinates you and acquire critical thinking and research skills that will transform the way you see the world. The process of completing your thesis means you have exciting opportunities to:

- * Make an original contribution to human knowledge.
- * Work with and be challenged by top academics and experts in your field, as well as attending national and international conferences.
- * Experience the joy of spending several years exploring a research topic you're passionate about.
- * Gain knowledge and critical thinking skills that will change the way you see the world.

Candidature for research degrees is offered in all Schools. The University encourages research in interdisciplinary areas as well as in the basic disciplines.

For further information on Postgraduate Research Degrees, see the Future Research Students web site:
<http://goto.murdoch.edu.au/FutureResearchStudents>

Admission Requirements (Onshore):

To be eligible for admission as a candidate for a Doctor of Philosophy (PhD), an applicant must:

- * have a Bachelor Degree with at least a 2A Honours (AQF level 8); or
- * have a Masters Degree (AQF level 9) which incorporates satisfactory research preparation equivalent to at least 12 credit points; or
- * be enrolled as a Master of Philosophy (MPhil) candidate in the University (AQF level 9) and satisfy the Manager with evidence of the ability to complete a Doctoral Degree (Research) successfully (AQF level 10) within the enrolment period specified in Regulation 29; or
- * have a Bachelor Degree (AQF Level 7) and satisfy the Manager of Graduate Research with evidence of substantive and significant scholarly or professional attainments providing satisfactory research preparation the equivalent of AQF level 8 or 9.

Admission Requirements (Offshore):

Remote candidates should generally spend a period of at least six months (not necessarily continuously) at the University during their candidature and a library, and any other facilities necessary for postgraduate research, must be available at the student's location. Applications are considered individually on their own merits.

English Competence:

English competence.

Special Requirements:

Applicants for part-time study must submit a statement that they will be able to devote a minimum of 15 hours per week to their research in each year of their candidature. Full-time students must devote at least 37.5 hours per week on average to research.

Internet access is required for students studying externally; exceptions will be considered on a case-by-case basis.

Some students propose to carry out research in the course of their current employment. The conditions of this kind of enrolment must be agreed by the research candidate, their employer and the Research Degrees and Scholarships Committee.

Before you apply for admission for a postgraduate research project at Murdoch University, you will need to write a research proposal. For the best chance of being accepted, you should also find and nominate a potential supervisor.

Given the amount of time and effort you'll be investing in your research, it's important that your research topic inspires you and will keep you motivated throughout your research journey. Here is a step-by-step guide to help you develop your research proposal and find a supervisor:
<http://www.murdoch.edu.au/Research-capabilities/Future-research-students/Your-research-project/>

Professional Recognition:

This is an internationally recognised postgraduate research degree that involves undertaking a significant research project.

Intake Periods:

You can apply for research degrees at any time during the year. Degrees that are comprised solely of a research project can be commenced at any time.

Scholarships:

Scholarships are available for both domestic students and international students. Financial assistance can include tuition fees, living allowances and even international travel awards. Please go to the future research students website for more details:
<http://www.murdoch.edu.au/Research-capabilities/Future-research-students/Admission-and-scholarships/>

Course Structure - 96 credit points

For further information on Graduate Research Degrees, see the future research students website:
<http://goto.murdoch.edu.au/FutureResearchStudents>

VETERINARY SCIENCE

DOCTOR OF VETERINARY MEDICAL SCIENCE (DVETMEDSC)

School of Veterinary and Life Sciences

Doctor of Veterinary Medical Science (DVetMedSc)

Course Codes: D1061

Duration: 3 years full-time or part-time equivalent

Availability:

- Murdoch campus (internal)
- Murdoch campus (external)

Restriction: All graduate courses are subject to restriction.

This course provides an advanced level of study in veterinary science at a high degree of specialisation in a selected area of study. For the clinical student the course provides the student with advanced academic preparation in both clinical training and applied research supporting speciality board certification. For the non-clinical student, the degree provides the opportunity for advanced study in analytical and research skills in veterinary science. Both programs culminate the experience with the completion of a research thesis.

Admission Requirements (Onshore):

To be eligible for admission as a candidate for a Doctor of Veterinary Medical Science, an applicant must have:
 Bachelor Degree with at least a 2A Honours normally in the same discipline (AQF level 8); or
 a Masters Degree normally in the same discipline (AQF level 9) and satisfy the Graduate Research Manager with evidence of substantive and significant scholarly or professional attainments; or
 a Bachelor Degree normally in the same discipline (AQF level 7) and satisfy the Graduate Research Manager with evidence of substantive and significant scholarly or professional attainments including satisfactory research preparation the equivalent of AQF level 8 or 9.

English Competence:

English competence.

Employment Prospects:

Careers in a range of veterinary science fields including research, clinical and academic fields.

Main Research Areas:

Veterinary Science.

VET641 Principles of Epidemiology - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external

VET642 Practical Applications of Epidemiology - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external

VET649 Surveillance Project - 12 points
 MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

VET664 Wildlife Comparative Pathology Project - 3 points
 MURDOCH: S2-internal, S2-external

VET588 Diagnosis - 3 points
 MURDOCH: S1-external (quota of 30 places), S2-external (quota of 30 places)

VET589 Surgical Principles - 3 points
 MURDOCH: S2-external

VET699 Epidemiological Studies: Design and Analysis - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Course Structure - 72 credit points**Core Units - 48 credit points**

VET770 Doctor of Veterinary Medical Science Thesis - 48 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Specified Electives - 24 credit points

Select from the following:

VET666 Research Methodology - 3 points
 MURDOCH: S2-internal

VET520 Diagnostic Imaging - 3 points
 MURDOCH: S1-external (quota of 30 places)

VET621 Clinical Pathology 1 - 3 points
 Not available this year

VET523 Surgery 1 - 3 points
 MURDOCH: S1-external (quota of 30 places)

VET524 Surgery 2 - 3 points
 MURDOCH: S2-external (quota of 30 places)

VET625 Medicine 1 - 3 points
 MURDOCH: S1-external (quota of 30 places)

VET626 Medicine 2 - 3 points
 MURDOCH: S2-external (quota of 30 places)

VET527 Emergency Medicine - 3 points
 Not available this year

VET628 Dermatology - 3 points
 MURDOCH: S2-external (quota of 30 places)

VET629 Infectious and Parasitic Diseases - 3 points
 MURDOCH: S2-external (quota of 30 places)

VET630 Conservation Medicine - 3 points
 MURDOCH: S1-internal, S1-external, S2-internal, S2-external

VET631 Wildlife Medicine - 3 points
 MURDOCH: S1-internal, S1-external

VET639 Conservation Medicine Field Placement/Project - 3 points
 MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

VET6391 Conservation Medicine Field Placement/Project - 6 points
 MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

VET640 Infectious and Emerging Diseases - 3 points
 MURDOCH: S2-internal, S2-external

Teaching Periods

Each unit may be available in one or more teaching periods. Some periods may colloquially be referred to as 'Summer' (F3 and periods beginning with 'SUM', for example) or 'Winter' (periods beginning with W, for example), or other groupings.

A full list of teaching periods at the time of printing is below. Standard teaching periods are highlighted.

Code	Start Date	Census Date	End Date	Code	Start Date	Census Date	End Date
AU1	24/3/2014	5/4/2014	16/5/2014	SUM1	25/11/2013	7/12/2013	17/1/2014
AU10	17/3/2014	25/3/2014	25/4/2014	SUM3	9/12/2013	21/12/2013	24/1/2014
AU11	12/5/2014	20/5/2014	20/6/2014	T1	6/1/2014	1/2/2014	11/4/2014
AU22	3/3/2014	12/3/2014	18/4/2014	T2	28/4/2014	24/5/2014	1/8/2014
AW4	26/5/2014	4/6/2014	11/7/2014	T3	18/8/2014	13/9/2014	21/11/2014
DE2	28/7/2014	23/8/2014	5/12/2014	TJA	6/1/2014	7/2/2014	20/4/2014
DE7	14/7/2014	16/8/2014	5/12/2014	TJB	6/1/2014	7/2/2014	20/4/2014
H	21/7/2014	27/9/2014	26/6/2015	TJD	5/1/2014	1/2/2014	20/4/2014
H1	16/6/2014	9/8/2014	27/2/2015	TJP	6/1/2014	12/1/2014	3/2/2014
OUA1	3/3/2014	24/3/2014	13/6/2014	TJQ	3/2/2014	9/2/2014	3/3/2014
OUA2	2/6/2014	23/6/2014	12/9/2014	TJR	3/3/2014	9/3/2014	31/3/2014
OUA3	1/9/2014	22/9/2014	12/12/2014	TJS	31/3/2014	6/4/2014	28/4/2014
OUA4	1/12/2014	22/12/2014	13/3/2015	TMA	12/5/2014	7/6/2014	17/8/2014
OUAS1	3/3/2014	27/3/2014	29/6/2014	TMB	12/5/2014	7/6/2014	17/8/2014
OUAS2	21/7/2014	14/8/2014	16/11/2014	TMD	11/5/2014	7/6/2014	17/8/2014
OUAS3	17/11/2014	11/12/2014	15/3/2015	TMP	28/4/2014	4/5/2014	26/5/2014
R1	1/1/2014	8/2/2014	30/6/2014	TMQ	26/5/2014	1/6/2014	23/6/2014
R2	30/6/2014	9/8/2014	30/12/2014	TMR	23/6/2014	29/6/2014	21/7/2014
RAU	10/2/2014	14/6/2014	26/6/2014	TMS	21/7/2014	27/7/2014	18/8/2014
RSP	13/8/2014	13/12/2014	30/12/2014	TSA	8/9/2014	4/10/2014	14/12/2014
S1	24/2/2014	29/3/2014	20/6/2014	TSB	8/9/2014	4/10/2014	14/12/2014
S1B	24/2/2014	29/3/2014	6/6/2014	TSD	7/9/2014	4/10/2014	14/12/2014
S1D	30/12/2013	1/2/2014	6/6/2014	TSP	18/8/2014	24/8/2014	15/9/2014
S1F	10/3/2014	5/4/2014	20/6/2014	TSQ	15/9/2014	21/9/2014	13/10/2014
S1L	20/1/2014	22/2/2014	13/6/2014	TSR	13/10/2014	19/10/2014	10/11/2014
S1N	10/2/2014	8/3/2014	30/5/2014	TSS	10/11/2014	16/11/2014	8/12/2014
S1U	24/2/2014	29/3/2014	22/6/2014	UA1	3/2/2014	11/2/2014	14/3/2014
S2	21/7/2014	16/8/2014	14/11/2014	UA2	20/1/2014	25/1/2014	14/2/2014
S2G	2/6/2014	5/7/2014	31/10/2014	UA5	20/1/2014	26/1/2014	21/2/2014
S2K	4/8/2014	30/8/2014	14/11/2014	UA6	27/1/2014	4/2/2014	7/3/2014
S2N	28/7/2014	23/8/2014	14/11/2014	W	23/6/2014	28/6/2014	18/7/2014
S2U	21/7/2014	16/8/2014	16/11/2014	W2	23/6/2014	29/6/2014	25/7/2014
SA1	24/2/2014	5/4/2014	21/6/2014	W4	9/6/2014	17/6/2014	18/7/2014
SA2	21/7/2014	6/9/2014	15/11/2014	W6	16/6/2014	24/6/2014	25/7/2014
SB1	2/1/2014	6/1/2014	24/1/2014	WU1	28/7/2014	6/9/2014	30/1/2015
SB3	6/1/2014	11/1/2014	31/1/2014	WU3	9/6/2014	26/7/2014	30/1/2015
SB4	2/1/2014	9/1/2014	1/2/2014	Y	24/2/2014	19/4/2014	14/11/2014
SB6	2/1/2014	9/1/2014	7/2/2014	Y1	6/1/2014	15/3/2014	21/11/2014
SB7	13/1/2014	18/1/2014	7/2/2014	Y2	27/1/2014	29/3/2014	21/11/2014
SB8	6/1/2014	12/1/2014	7/2/2014	Y3	3/2/2014	5/4/2014	21/11/2014
SC1	1/1/2014	22/2/2014	30/6/2014	Y4	3/2/2014	22/3/2014	26/9/2014
SC2	1/7/2014	16/8/2014	31/12/2014	YM	24/2/2014	19/4/2014	15/11/2014
SP1	1/9/2014	7/9/2014	3/10/2014				
SP17	22/9/2014	4/10/2014	21/11/2014				
SP18	25/8/2014	31/8/2014	26/9/2014				
SP21	23/6/2014	5/7/2014	15/8/2014				
SP22	21/7/2014	26/7/2014	15/8/2014				
SP23	7/7/2014	16/7/2014	22/8/2014				
SP3	30/6/2014	7/7/2014	4/8/2014				
SP4	20/10/2014	26/10/2014	21/11/2014				
SP6	6/10/2014	12/10/2014	7/11/2014				
SP8	16/6/2014	5/7/2014	22/8/2014				
SP9	13/10/2014	19/10/2014	14/11/2014				
SPA1	17/11/2014	6/12/2014	20/2/2015				
SS1	24/11/2014	7/12/2014	30/1/2015				
SS2	1/12/2014	13/12/2014	30/1/2015				
ST1	3/2/2014	22/2/2014	11/4/2014				
ST2	28/4/2014	17/5/2014	4/7/2014				
ST3	21/7/2014	9/8/2014	26/9/2014				
ST4	13/10/2014	26/10/2014	18/12/2014				

Units

Units are offered at Murdoch campus, Peel Education and TAFE campus and Rockingham campus, plus other locations through partnerships with tertiary education providers including selected Australian universities and overseas institutions. Units on offer this year are listed and described in this section of the Handbook.

Cancellation of Units

The University reserves the right to cancel, without notice, any course, major, minor or unit if the number of students enrolled falls below limits set by the University or in other unforeseen circumstances.

Animal Science		Points
Agricultural Biochemistry (ANS251)	MURDOCH: S1-internal	4
Animal and Human Bioethics (ANS106)	MURDOCH: S2-internal (closed)	3
Animal Industry Experience (ANS337)	Not available this year	3
Animal Industry Experience (ANS357)	MURDOCH: S2-internal	0
Animal Microbiology (ANS351)	MURDOCH: S2-internal	4
Animal Molecular Biology (ANS252)	MURDOCH: S1-internal	4
Animal Nutrition and Toxicology (ANS354)	MURDOCH: S1-internal	4
Animal Parasitology (ANS356)	MURDOCH: S2-internal	4
Animal Production Systems II (ANS230)	Not available this year	3
Animal Production Systems II (ANS250)	MURDOCH: S1-internal	4
Animal Production Systems III (ANS333)	Not available this year	3
Animal Production Systems III (ANS353)	MURDOCH: S1-internal	4
Animal Production Systems IV (ANS358)	MURDOCH: S1-internal	4
Animal Science Research (ANS450)	MURDOCH: Y-internal	16
Animal Science Research Methods (ANS503)	Not available this year	3
Animal Structure and Function (ANS221)	Not available this year	3
Applied Animal Agriculture (ANS359)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Applied Animal Agriculture (ANS363)	Not available this year	3
Applied Animal Breeding (ANS3591)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Applied Animal Breeding (ANS364)	Not available this year	3
Equine Nutrition and Health (ANS362)	MURDOCH: S2-internal	4
Equine Nutrition and Health (ANS366)	Not available this year	3
Equine Physiology and Behaviour (ANS361)	MURDOCH: S2-internal	4
Equine Physiology and Behaviour (ANS365)	Not available this year	3
Introduction to Livestock Science (ANS101)	MURDOCH: S2-internal	3
Introduction to the Animal Body (ANS102)	MURDOCH: S1-internal	3
Pathology and Disease of Production Animals (ANS350)	MURDOCH: S1-internal	4
Physiology and Anatomy of Farm Animals (ANS253)	MURDOCH: S2-internal	4

Asian Studies		Points
Anthropology and Its Others (AST612)	MURDOCH: S1-internal, S1-external	3
Anthropology, Society and Culture (AST212)	MURDOCH: S1-internal, S1-external	4
Asian Centuries (AST102)	MURDOCH: S1-internal, S1-external	3
Asian Studies Dissertation (AST634)	MURDOCH: H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	12
Asian Studies Project (AST384)	Not available this year	3
Asian Studies Project (AST632)	MURDOCH: H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	6
China Today (AST585)	Not available this year	3
Contemporary Asia (AST281)	Not available this year	3
Culture and Religion in Asia (AST252)	Not available this year	4
Culture and Religion in Asia (AST352)	Not available this year	3
Culture, Communities and Sustainability in Asia (AST650)	MURDOCH: S1-internal, S1-external	3

Students who have successfully completed a unit may not enrol for credit in any subsequent version of that unit, even if under a different code and/or title, nor in any parallel lower- or higher-level version. Students enrolled in a higher-level version of a unit are required to demonstrate advanced analytical skills and/or use of advanced research tools in assignments modified for that level.

Gender in Asian Societies (AST558)	MURDOCH: S2-internal, S2-external	3
Honours Thesis in Asian Studies (AST4049)	MURDOCH: S1-internal, S2-internal, Y-internal	12
Honours Thesis in Asian Studies (Specialist) (AST4909)	MURDOCH: S1-internal, S2-internal, Y-internal	12
Honours Topic in Asian Studies (AST4041)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Honours Topic in Asian Studies (AST4042)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Honours Topic in Asian Studies (Specialist) (AST4901)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Honours Topic in Asian Studies (Specialist) (AST4902)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Modern China (AST283)	Not available this year	3
Nations, Narratives, Cultures in Contemporary Asia (AST530)	MURDOCH: S2-internal, S2-external	3
People's History of South-East Asia (AST276)	MURDOCH: S2-internal, S2-external	4
People's History of South-East Asia (AST286)	Not available this year	3
Perceptions of South-East Asian Society (AST556)	MURDOCH: S1-internal, S1-external	3
Rise of Asia and Modern History (AST531)	Not available this year	3
Society, Culture and Ecology in Asia (AST250)	MURDOCH: S1-internal, S1-external	4
Society, Culture and Ecology in Asia (AST350)	Not available this year	3
Special Topics in Asian Studies: Study Tour to Japan (AST253)	MURDOCH: WU1-internal (quota of 24 places)	4
Women in Asian Societies (AST258)	MURDOCH: S2-internal, S2-external	4
Women in Asian Societies (AST288)	Not available this year	3

Australian Indigenous Studies

Points

Australian Indigenous Politics: Historical Contexts and Contemporary Issues (AIS204)	Not available this year	3
Australian Indigenous Politics: Historical Contexts and Contemporary Issues (AIS205)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal	4
Bullargar Katitjin - Learning Together (AIS266)	MURDOCH: W-internal	4
Bullargar Katitjin - Learning Together (AIS2661)	Not available this year	6
Bullargar Katitjin - Learning Together (AIS267)	Not available this year	3
Country, Nature and Identity: Indigenous Sustainability (AIS301)	MURDOCH: S1-internal, S1-external	4
Country, Nature and Identity: Indigenous Sustainability (AIS306)	Not available this year	3
Honours Thesis in Australian Indigenous Studies (AIS4169)	MURDOCH: S1-internal, S2-internal, Y-internal	12
Honours Topic in Australian Indigenous Studies (AIS4161)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Honours Topic in Australian Indigenous Studies (AIS4162)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Indigeneity, Critical Theory and Social Justice (AIS303)	MURDOCH: S2-internal, S2-external	4
Indigeneity, Critical Theory and Social Justice (AIS307)	Not available this year	3
Indigenous Spirituality (AIS240)	MURDOCH: S2-internal, S2-external	4
Indigenous Spirituality (AIS241)	Not available this year	3
Introduction to Australian Indigenous Studies (AIS180)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal	3
Introduction to Indigenous Popular Culture (AIS110)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal	3
Master of Arts by Coursework Dissertation (AIS650)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	12
Master of Arts by Coursework Project (AIS620)	MURDOCH: H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	4
Our Mob: Working with Indigenous Families (AIS233)	MURDOCH: S1-internal, S1-external	4
Our Mob: Working with Indigenous Families (AIS234)	Not available this year	3
Reading Reconciliation (AIS355)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal	4
Reading Reconciliation (AIS356)	Not available this year	3
Special Topics in Australian Indigenous Studies (AIS250)	Topic not currently available	4
Special Topics in Australian Indigenous Studies (AIS530)	Topic not currently available	3
Working with Indigenous Communities: Internship (AIS208)	Not available this year	3
Working with Indigenous Communities: Internship (AIS222)	MURDOCH: S1-internal (quota of 10 places), S2-internal (quota of 10 places)	4

Bachelor of Arts

Points

Academic Learning Skills (BAR100)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external ROCKINGHAM: S1-internal	3
Bachelor of Arts Research Skills Unit (BAR200)	Not available this year	3
Bachelor of Arts Research Skills Unit (BAR300)	Not available this year	3
Ideas and Identity (BAR150)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external ROCKINGHAM: S2-internal	3

Bachelor of Business

Points

Academic Skills for Business (BBS100)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external ROCKINGHAM: S2-internal	3
Bachelor of Business Research Skills Unit (BBS200)	Not available this year	3
Bachelor of Business Research Skills Unit (BBS300)	Not available this year	3
Transforming Business (BBS150)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external ROCKINGHAM: S2-internal	3

Bachelor of Education

Points

Assessment and Action Research (BED200)	Not available this year	3
Ideas in Education (BED100)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external ROCKINGHAM: S1-internal, S2-internal	3
Schooling and Society - Research Skills (BED300)	Not available this year	3
Understanding Teachers' Work (BED150)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal	3

Bachelor of Engineering

Points

Advanced Engineering Research Skills (BEN300)	Not available this year	3
Design Concepts in Engineering (BEN150)	MURDOCH: S1-internal	3
Engineering Research Skills (BEN200)	Not available this year	3
Transitioning into Engineering (BEN100)	MURDOCH: S1-internal, S2-internal	3

Bachelor of Laws

Points

Australian Legal System (BJU100)	MURDOCH: S1-internal, S2-internal	3
Law in Context (BJU150)	MURDOCH: S1-internal	3
Legal Theory and Research (BJU300)	Not available this year	3
Researching Legal Remedies (BJU200)	Not available this year	3

Bachelor of Nursing

Points

Transition to Nursing Studies (BNR100)	PEEL: S1N-internal, S2N-internal	3
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Bachelor of Science

Points

Bachelor of Science Research Skills Unit (BSC200)	Not available this year	3
Bachelor of Science Research Skills Unit (BSC300)	Not available this year	3
Building Blocks for Science Students (BSC100)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
What is Science? (BSC150)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3

Biological Sciences and Biotechnology

Points

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Animal Diversity (BIO244)	Not available this year	3
Animal Diversity (BIO261)	MURDOCH: S1-internal	4
Biochemistry I (BIO247)	Not available this year	3
Biochemistry I (BIO270)	MURDOCH: S2-internal	4
Biochemistry II (BIO371)	MURDOCH: S2-internal	4
Biodiversity (BIO257)	Not available this year	3
Biosecurity for Food Security (BIO681)	Not available this year	3
Biosecurity Policy Framework Obligations (BIO539)	MURDOCH: S2-external	3
Biosecurity Threats and Invasions (BIO639)	Not available this year	3
Bodies of Evidence (BIO215)	MURDOCH: S1-internal	4
Bodies of Evidence (BIO315)	Not available this year	3
Conservation Biology (BIO368)	MURDOCH: S1-internal	4
Conservation Biology (BIO375)	Not available this year	3
Evolutionary Biology (BIO379)	Not available this year	3
Forensic DNA Analysis (BIO313)	MURDOCH: S1-internal	4
Forensic DNA Analysis (BIO359)	Not available this year	3
Forensic Toxicology (BIO314)	MURDOCH: S2-internal	4
Forensic Toxicology (BIO367)	Not available this year	3
Foundations of Cell and Molecular Biology (BIO152)	MURDOCH: S2-internal	3
Genetic Engineering (BIO212)	MURDOCH: S1-internal	4
Genetic Engineering (BIO248)	Not available this year	3
Genetics and Evolution (BIO356)	Not available this year	3
Genetics and Evolution (BIO372)	MURDOCH: S2-internal	4
Honours Thesis in Biological Sciences (BIO4009)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	24
Honours Thesis in Biological Sciences (BIO4009-12)	MURDOCH: S1-internal, S2-internal	12
Honours Thesis in Biotechnology (BIO4039)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	24
Honours Thesis in Biotechnology (BIO4039-12)	MURDOCH: S1-internal, S2-internal	12
Honours Thesis in Conservation and Wildlife Biology (BIO4079)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	24
Honours Thesis in Conservation and Wildlife Biology (BIO4079-12)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	12
Honours Thesis in Forensic Biology and Toxicology (BIO4049)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	24
Honours Thesis in Forensic Biology and Toxicology (BIO4049-12)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	12
Honours Thesis in Marine Science (BIO4069)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	24
Honours Thesis in Molecular Biology (BIO4089)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	24
Honours Thesis in Molecular Biology (BIO4089-12)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	12
Immunology, Vaccines and Cell Culture (BIO243)	Not available this year	3
Immunology, Vaccines and Cell Culture (BIO252)	MURDOCH: S2-internal	4
Industrial Bioprocessing and Bioremediation (BIO301)	MURDOCH: S2-internal	4
Industrial Bioprocessing and Bioremediation (BIO358)	Not available this year	3
Industry Practicum (BIO300)	MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal	4
Introduction to Australian Biodiversity (BIO157)	MURDOCH: S2-internal	3
Introduction to Environmental Biology (BIO103)	MURDOCH: S1-internal, S1-external	3
Introduction to Marine Biology (BIO180)	MURDOCH: S1-internal	3
Marine and Estuarine Biology (BIO384)	MURDOCH: S1-internal	4
Marine Ecology (BIO377)	Not available this year	3
Microbiology I (BIO246)	Not available this year	3
Microbiology I (BIO263)	MURDOCH: S1-internal	4
Microbiology II (BIO364)	MURDOCH: S1-internal	4

Molecular Genetics (BIO316)	MURDOCH: S1-internal	4
Molecular Genetics (BIO374)	Not available this year	3
Plant Biosecurity in Practice (BIO538)	MURDOCH: S1-external	3
Plant Biosecurity Masters Research Dissertation (BIO629)	MURDOCH: S1-external, S2-external, Y-external	12
Plant Biosecurity: Detection and Diagnostics (BIO537)	MURDOCH: S1-external	3
Plant Biotechnology and Proteomics (BIO253)	MURDOCH: S1-internal	4
Plant Biotechnology and Proteomics (BIO355)	Not available this year	3
Plant Diversity (BIO245)	Not available this year	3
Plant Diversity (BIO265)	MURDOCH: S1-internal	4
Plant Diversity (Marine Science) (BIO254)	Not available this year	3
Plant Diversity (Marine Science) (BIO287)	MURDOCH: S1-internal	4
Professional Experience Program (Crime Scene Investigation) (BIO327)	Not available this year	4
Special Topics in Biological Sciences and Biotechnology (BIO280)	Topic not currently available	4
Special Topics in Biotechnology (BIO470)	Topic not currently available	4
Sustainable Management of Fish and Wildlife (BIO205)	MURDOCH: S2-internal	4
Sustainable Management of Fish and Wildlife (BIO249)	Not available this year	3
Systems Biology and Bioinformatics (BIO378)	Not available this year	3
Tropical Marine Biology (BIO383)	MURDOCH: W-internal (quota of 40 places)	4
Wildlife Biology (BIO317)	MURDOCH: S2-internal	4
Wildlife Biology (BIO376)	Not available this year	3

Biomedical Science

Points

Advances in Medical Science (BMS315)	Not available this year	3
Advances in Medical Science (BMS368)	MURDOCH: S2-internal	4
Biomedical Physiology (BMS206)	Not available this year	3
Biomedical Physiology (BMS264)	MURDOCH: S1-internal	4
Comparative and Human Microbiology (BMS203)	MURDOCH: S2-internal	4
Comparative and Human Microbiology (BMS212)	Not available this year	3
Drugs In Society (BMS105)	MURDOCH: S2-internal	3
Essentials of Pharmacology and Chemotherapy (BMS365)	MURDOCH: S1-internal	4
Forensic Anatomy and Anthropology (BMS202)	MURDOCH: S1-internal	4
Forensic Anatomy and Anthropology (BMS213)	Not available this year	3
Foundations of Vertebrate Form and Function (BMS107)	MURDOCH: S2-internal	3
Honours Thesis in Biomedical Science (BMS4709)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	24
Honours Thesis in Biomedical Science (BMS4709-12)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	12
Human and Comparative Biochemistry (BMS209)	Not available this year	3
Human and Comparative Biochemistry (BMS261)	MURDOCH: S1-internal	4
Introduction to the Human Body (BMS101)	MURDOCH: S1-internal	3
Mechanisms of Disease (BMS314)	Not available this year	3
Mechanisms of Disease (BMS360)	MURDOCH: S1-internal	4
Medical Immunology and Molecular Genetics (BMS211)	Not available this year	3
Medical Immunology and Molecular Genetics (BMS265)	MURDOCH: S2-internal	4
Parasitology (BMS364)	MURDOCH: S2-internal	4

Business Law Masters

Points

Corporations and Securities Law (MBL509)	MURDOCH: S1-internal	3
Dispute Management (MBL618)	MURDOCH: S1-internal, S1-external	3
Human Resource Management Law (MBL501)	MURDOCH: S1-internal, S1-external	3
Law for Business (MBL502)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Work Health and Safety Law (MBL623)	MURDOCH: S1-internal, S1-external	3

Business Law Undergraduate

Points

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Company Law (BSL305)	Not available this year	3
Company Law (BSL328)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal KDUPJ: S2U-internal	4
Finance Law (BSL201)	Not available this year	3
Finance Law (BSL206)	MURDOCH: S1-internal, S1-external	4
Foundations of Business Law (BSL165)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external ROCKINGHAM: S1-internal	3
Marketing and Advertising Law (BSL203)	Not available this year	3
Marketing and Advertising Law (BSL209)	MURDOCH: S1-internal, S1-external KDUPJ: S1U-internal	4
Technology and the Law (BSL216)	MURDOCH: S2-internal, S2-external	4
Tourism and Hospitality Law (BSL204)	Not available this year	3
Tourism and Hospitality Law (BSL207)	MURDOCH: S1-internal, S1-external	4
Workplace Law (BSL202)	Not available this year	3
Workplace Law (BSL228)	MURDOCH: S2-internal, S2-external KDUPJ: S2U-internal	4

Chemistry

Points

Advanced Projects in Chemistry and Mineral Science (CHE306)	MURDOCH: S1-internal, S2-internal, SUM-internal	4
Chemical Analysis (CHE207)	Not available this year	3
Chemical Analysis (CHE240)	MURDOCH: S1-internal, S1-external	4
Chemical Processes (CHE247)	MURDOCH: S1-internal, S1-external	4
Financial Management, Mineral Resources and Environment (CHE459)	MURDOCH: S1-internal	6
Foundations of Chemistry (CHE144)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Fundamentals of Chemistry (CHE140)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Honours Thesis in Chemistry (CHE4009)	MURDOCH: H-internal, Y-internal	16
Instrumental Analysis (CHE340)	MURDOCH: S2-internal, S2-external	4
Introduction to Chemical Concepts (CHE145)	MURDOCH: S2-internal, S2-external	3
Introduction to Earth Sciences (CHE130)	MURDOCH: S1-internal, S1-external	3
Introduction to Forensic Science (CHE103)	MURDOCH: S1-internal	3
Literature Review (CHE476)	MURDOCH: S1-internal, S2-internal	4
Materials Chemistry (CHE304)	Not available this year	3
Materials Chemistry (CHE312)	MURDOCH: S1-internal, S1-external	4
Molecular Design (CHE349)	MURDOCH: S2-internal, S2-external	4
Organic and Biological Chemistry I (CHE205)	Not available this year	3
Organic and Biological Chemistry II (CHE308)	Not available this year	3
Organic Structures and Reactivity (CHE238)	MURDOCH: S1-internal, S1-external	4
Physical Chemistry I (CHE202)	Not available this year	3
Physical Chemistry II (CHE347)	Not available this year	3
Process Mineralogy (CHE256)	MURDOCH: S2-internal, S2-external	4
Thermodynamics (CHE201)	MURDOCH: S2-internal, S2-external	4

Chiropractic

Points

Advanced Study Topics (CHI678)	Not available this year	4
Applied Nutrition (CHI233)	MURDOCH: S2-internal	2
Chiropractic History and Principles (CHI210)	MURDOCH: S1-internal, SUM-external	2
Chiropractic Skills and Principles I (CHI109)	MURDOCH: S1-internal	3
Chiropractic Skills and Principles II (CHI309)	MURDOCH: S2-internal	4
Chiropractic Skills and Principles III (CHI409)	MURDOCH: T1-internal	2
Clinical Orthopaedics and Neurology (CHI304)	MURDOCH: S2-internal	4
Clinical Practicum (CHI584)	MURDOCH: Y1-internal	12

Clinical Radiology (CHI420)	MURDOCH: T2-internal (quota of 90 places)	2
Decision Making in Clinical Imaging (CHI586)	MURDOCH: T1-internal	2
Diagnosis and Chiropractic Skills (CHI302)	MURDOCH: S1-internal	4
Dissertation (Research Project) (CHI675)	Not available this year	12
Ethics and Jurisprudence (CHI581)	MURDOCH: T2-internal	2
Evidence-based Practice (CHI385)	MURDOCH: S2-internal	2
Honours Thesis in Chiropractic (CHI4509)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	24
Honours Thesis in Chiropractic (CHI4509-12)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	12
Human Anatomy I (CHI280)	MURDOCH: S1-internal (quota of 90 places)	4
Human Anatomy II (CHI234)	Not available this year	3
Human Anatomy II (CHI282)	MURDOCH: S2-internal (quota of 100 places)	4
Human Anatomy II (CHI2821)	MURDOCH: S2-internal (quota of 100 places)	4
Immunology, Genetics and Microbiology (CHI305)	MURDOCH: S2-internal	4
Introduction to Biochemistry and Nutrition (CHI281)	MURDOCH: S1-internal	4
Introduction to Human Anatomy (CHI108)	MURDOCH: S2-internal	3
Mental Health Issues In Chiropractic Care (CHI488)	MURDOCH: T3-internal	2
Neuromusculoskeletal Rehabilitation in Overview (CHI680)	Not available this year	4
Neuromusculoskeletal Rehabilitation of the Lower Body (CHI682)	Not available this year	4
Neuromusculoskeletal Rehabilitation of the Lower Body II (CHI684)	Not available this year	4
Neuromusculoskeletal Rehabilitation of the Upper Body (CHI683)	Not available this year	4
Neuromusculoskeletal Rehabilitation of the Upper Body II (CHI685)	Not available this year	4
Physical Examination (CHI283)	MURDOCH: S2-internal (quota of 90 places)	4
Physiological Therapeutics (CHI423)	MURDOCH: T3-internal	2
Pre-clinical Practicum (CHI484)	MURDOCH: Y1-internal	6
Pre-clinical Practicum (CHI4841)	Not available this year	0
Primary Practice I: Clinical Science and Diagnosis (CHI303)	MURDOCH: S1-internal	4
Primary Practice II: Physical Rehabilitation I (CHI442)	MURDOCH: T1-internal	2
Primary Practice III: Differential Diagnosis I (Musculoskeletal) (CHI443)	MURDOCH: T2-internal	2
Primary Practice IV: Differential Diagnosis II (CHI444)	MURDOCH: T1-internal (quota of 90 places)	2
Primary Practice V: Physical Rehabilitation II (CHI445)	MURDOCH: T2-internal	2
Primary Practice VI: Pharmacology (CHI446)	MURDOCH: T1-internal	2
Primary Practice VI: Pharmacology (CHI447)	Not available this year	3
Principles and Practice of Neuromusculoskeletal Rehabilitation (CHI681)	Not available this year	4
Processes in Human Disease (CHI301)	MURDOCH: S1-internal	4
Professional Experience Project (CHI676)	MURDOCH: H-external, S1-external, S2-external, Y-external	12
Professional Experience Project (CHI6761)	MURDOCH: H-external, Y-external	8
Professional Practice Management (CHI519)	MURDOCH: T1-internal	2
Professional Practice Management (CHI520)	Not available this year	3
Public Health (CHI509)	MURDOCH: T2-internal	2
Radiography: Principles and Positioning (CHI421)	MURDOCH: T3-internal	4
Research Methods and Epidemiology (CHI677)	Not available this year	4
Special Topics in Chiropractic (CHI332)	Topic not currently available	4
Special Topics Review (CHI589)	MURDOCH: T3-internal	2
Sports Biomechanics (CHI674)	Not available this year	4
Sports Nutrition (CHI689)	Not available this year	4
Sports Psychology (CHI679)	Not available this year	4

Common Law

Points

Australian Common Law System (BCL250)	MURDOCH: S2-internal	4
Tortious Liability (BCL252)	MURDOCH: S2-internal	4

Communication and Media Studies

Points

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Audiences, Users and Participants (CMS203)	Not available this year	3
Communicating Global Issues (CMS304)	Not available this year	3
Contemporary Culture (CMS102)	MURDOCH: S2-internal, S2-external	3
Critical Topics in Communication and Media Studies (CMS306)	Not available this year	3
Introduction to Communication (CMS100)	MURDOCH: S1-internal, S1-external	3
Introduction to Media Studies (CMS101)	MURDOCH: S2-internal, S2-external	3
Media Governance and the Public Sphere (CMS305)	Not available this year	3
Old Media, New Media (CMS202)	Not available this year	3
Screen: Small, Medium and Large (CMS201)	Not available this year	3

Community Development

Points

Community and Social Policy (COD304)	Not available this year	3
Community and Social Policy (COD355)	MURDOCH: S1-internal, S1-external	4
Community Development Dissertation (COD650)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	12
Community Development Internship (COD508)	MURDOCH: S2-internal, S2-external	6
Community Development Theory and Practice (COD545)	MURDOCH: S1-internal, S1-external	3
Community Work across Sites, Settings and Peoples (COD201)	Not available this year	3
Community Work across Sites, Settings and Peoples (COD235)	MURDOCH: S2-internal, S2-external	4
Creative Ways to Work with Community (COD302)	Not available this year	3
Creative Ways to Work with Community (COD334)	MURDOCH: S2-internal, S2-external	4
Developing Community Leadership (COD236)	Not available this year	4
Honours Thesis in Community Development (COD4069)	MURDOCH: S1-internal, S2-internal, Y-internal	12
Honours Topic in Community Development (COD4061)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Honours Topic in Community Development (COD4062)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Introduction to Community Development (COD125)	MURDOCH: S1-internal, S1-external	3
Mining, Communities and Sustainability (COD505)	MURDOCH: S2-internal, S2-external	3
Preparing for Professional Community Practice (COD303)	Not available this year	3
Projects in Community Development (COD324)	MURDOCH: S2-internal, S2-external	4
Projects in Community Development (COD624)	MURDOCH: S2-internal, S2-external	4

Counselling

Points

Case Conceptualisation and Assessment in Counselling (CSL566)	MURDOCH: S1-internal PEEL: S1-internal	3
Counselling Adults (CSL583)	MURDOCH: S2-internal PEEL: S2-internal	3
Counselling Children and Adolescents (CSL578)	MURDOCH: S2-internal PEEL: S2-internal	3
Counselling Placement and Supervision Group 1 (CSL522)	MURDOCH: DE7-placement, S1L-placement	6
Counselling Placement and Supervision Group 1 (CSL579)	MURDOCH: DE7-placement, S1L-placement	4
Counselling Placement and Supervision Group 1 (CSL679)	MURDOCH: DE7-placement (quota of 12 places), S1L-placement (quota of 12 places)	6
Counselling Placement and Supervision Group 2 (CSL621)	MURDOCH: DE7-placement (quota of 12 places), S1L-placement (quota of 12 places)	6
Counselling Placement and Supervision Group 3 (CSL622)	MURDOCH: DE7-placement (quota of 12 places), S1L-placement (quota of 12 places)	4
Counselling Research Project (CSL620)	MURDOCH: H-internal, S1-internal, S2-internal, SUM-internal, Y-internal	9
Counselling Research Project (CSL677)	MURDOCH: Y-internal	6
Group Counselling (CSL581)	MURDOCH: S1-internal PEEL: S1-internal	3
Introduction to Creative Arts Therapies in Counselling (CSL676)	MURDOCH: S2-internal	3
Principles of Counselling 1 (CSL582)	MURDOCH: S1-internal PEEL: S1-internal	6
Principles of Counselling 2 (CSL684)	MURDOCH: S2-internal	3
Trauma Counselling (CSL674)	MURDOCH: S1-internal	3

Criminology

Points

Advanced Criminology (CRM306)	Not available this year	3
Advanced Socio-legal Research Methods (CRM4302)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Children and Crime (CRM302)	Not available this year	3
Criminal Behaviour (CRM203)	Not available this year	3
Criminal Behaviour (CRM210)	MURDOCH: S1-internal	4
Criminal Justice (CRM205)	MURDOCH: S1-internal	4
Criminology (CRM206)	MURDOCH: S2-internal	4
Criminology Honours Seminar (CRM440)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Ethics of Socio-legal Research (CRM4303)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Honours Placement in Criminology (CRM4301)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Honours Thesis in Criminology (CRM4309)	MURDOCH: S1-internal, S2-internal	12
International and Australian Criminal Law (CRM219)	Not available this year	3
Introduction to Criminology (CRM100)	MURDOCH: S1-internal ROCKINGHAM: S2-internal	3
Policing and Crime Prevention (CRM201)	Not available this year	3
Psychology and Law (CRM309)	MURDOCH: S2-internal	4
Psychology and Law (CRM389)	Not available this year	3
Restorative Justice (CRM231)	MURDOCH: S2-internal	4
Restorative Justice (CRM284)	Not available this year	3
Sentencing and Penology (CRM320)	MURDOCH: S1-internal	4
Sentencing and Penology (CRM388)	Not available this year	3
Special Topics in Criminology (CRM300)	Topic not currently available	4
Special Topics in Criminology (CRM3002)	Topic not currently available	4

Education 'EDN'**Points**

Aboriginal Perspectives Across the Curriculum (EDN353)	Not available this year	3
Aboriginal Perspectives Across the Curriculum (EDN363)	Not available this year	4
Action Learning for Reflective Practitioners (EDN459)	Not available this year	3
Action Learning for Reflective Practitioners (EDN470)	MURDOCH: Y-external	4
Adolescent Health and Development (EDN445)	MURDOCH: S2-internal	4
Adolescent Health and Development (EDN4451)	MURDOCH: S1-internal ROCKINGHAM: S1-internal	2
Advanced Principles and Practices in Early Childhood Education (EDN520)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal	3
Australian Indigenous Education (EDN525)	MURDOCH: S1-internal, S1-external	3
Babies and Toddlers Growing and Learning (EDN537)	MURDOCH: S1-external	3
Children's Literature in the Classroom (EDN301)	MURDOCH: S2-external ROCKINGHAM: S2-internal	4
Children, Families and Communities (EDN332)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal	3
Children, Families and Communities (EDN3321)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal	2
Collaborative Learning and Motivation (EDN347)	Not available this year	4
Contemporary Issues in Gifted and Talented Education (EDN526)	MURDOCH: SP23-internal	3
Creating Effective Learning Environments (EDN422)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal	4
Creating Effective Learning Environments (EDN458)	Not available this year	3
Critical Pedagogy: Gender, Race and Social Class in Education (EDN524)	Not available this year	3
Critical Perspectives in Early Childhood Education (EDN512)	MURDOCH: S2-external	3
Curriculum Development for Practitioners (EDN588)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Designing Early Childhood Learning Environments (EDN538)	MURDOCH: S2-external	3
Development and Education (EDN527)	MURDOCH: S1-external	3
Drama and the Curriculum (Secondary) (Major) (EDN412)	MURDOCH: S1-internal, S1-external	4
Drama and the Curriculum (Secondary) (Minor) (EDN312)	MURDOCH: S1-internal, S1-external	2

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Dynamics of Cultural Diversity in the Workplace and the Community (EDN546)	MURDOCH: S1-internal	3
Early Childhood Learning Environments (EDN238)	Not available this year	4
Education for Social Justice: Bridging the Gap (EDN224)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal	4
Education Provision for Gifted and Talented Students (EDN529)	MURDOCH: SP17-internal	3
Engaging Communities through Drama (EDN304)	Not available this year	3
Engaging Communities through Drama (EDN352)	MURDOCH: S2-internal (quota of 20 places)	4
English and the Curriculum (Secondary) (Major) (EDN413)	MURDOCH: S1-internal, S1-external	4
English and the Curriculum (Secondary) (Minor) (EDN313)	MURDOCH: S1-internal, S1-external	2
Facilitating Lifelong Learning (EDN540)	MURDOCH: S1-internal, S1-external	6
Gifted Students with Diverse Learning Needs (EDN506)	MURDOCH: S1-external	3
Health and Physical Education and the Curriculum (Major) (EDN419)	MURDOCH: S1-internal ROCKINGHAM: S1-internal	4
Health and Physical Education and the Curriculum (Major) (EDN464)	Not available this year	3
ICT in the Classroom (EDN205)	MURDOCH: S2-external	4
Inclusive Education (EDN334)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal	4
Inclusive Education (EDN3341)	MURDOCH: S2-external	2
Inclusive Education (EDN3342)	MURDOCH: S2-internal, S2-external	6
Inclusive Education (EDN349)	Not available this year	3
Inclusive Education (EDN449)	Not available this year	3
Inclusive Education: Contemporary Perspectives and Practices (EDN509)	MURDOCH: S1-external	3
Indonesian Language Teachers Immersion (EDN303)	MURDOCH: SUM-external	4
Indonesian Language Teachers Immersion (EDN603)	Not available this year	3
Integrated Early Childhood Curriculum (EDN322)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal	4
Integrated Early Childhood Curriculum (EDN354)	Not available this year	3
Integrated Early Childhood Curriculum for Educators (EDN522)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal	3
International Education: Issues and Practices in Schools (EDN513)	MURDOCH: SB6-internal, SP3-internal	3
Language for Learning and Teaching (EDN111)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal	3
Learning and Assessment Processes (EDN245)	MURDOCH: S1-internal, S1-external	3
Learning and Teaching (EDN208)	Not available this year	3
Learning and Teaching (EDN221)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal	3
Learning and Teaching in Educational Communities (EDN300)	MURDOCH: ST1-placement, ST2-placement, ST3-placement, ST4-placement ROCKINGHAM: ST1-placement, ST2-placement, ST3-placement, ST4-placement	4
Learning and Teaching in Educational Communities (EDN3001)	MURDOCH: ST1-placement, ST2-placement, ST3-placement, ST4-placement ROCKINGHAM: ST1-placement, ST2-placement, ST3-placement, ST4-placement	2
Learning through the Arts (EDN260)	Not available this year	4
Learning, Teaching and Assessment (EDN222)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal	3
Literacies and Numeracy for Inclusive Education (EDN423)	Not available this year	4
Literacies and Numeracy in Early Years 1 (EDN461)	Not available this year	3
Literacies and Numeracy in Early Years 2 (EDN462)	Not available this year	3
Literacies in the Early Years (EDN421)	MURDOCH: S1-external	4
Living and Learning with Technology (EDN113)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal	3
Mathematics and the Curriculum (Secondary) (Major) (EDN414)	MURDOCH: S1-internal, S1-external	4

Mathematics and the Curriculum (Secondary) (Minor) (EDN314)	MURDOCH: S1-internal, S1-external, S2-external	2
Mathematics for Teaching (EDN110)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal	3
Media and the Curriculum (Major) (EDN415)	MURDOCH: S1-internal, S1-external	4
Media and the Curriculum (Minor) (EDN315)	MURDOCH: S1-internal, S1-external	2
Mentoring (EDN571)	Not available this year	3
Numeracy in the Early Years (EDN428)	Not available this year	4
Opportunities with e-learning (EDN575)	Not available this year	3
Pedagogies for Literacy and Numeracy in the Early Years (EDN566)	MURDOCH: S1-external	3
Perspectives on Curriculum (EDN465)	Not available this year	3
Physical Education (EDN116)	MURDOCH: S2-internal ROCKINGHAM: S1-internal	3
Planning for Effective Learning in Primary Schools (EDN443)	Not available this year	2
Practical Methods of Instruction (EDN541)	MURDOCH: S1-internal, S1-external	3
Principles and Practices in Early Childhood Education (EDN320)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal	4
Principles and Practices in Early Childhood Education (EDN3201)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal	6
Principles and Practices in Early Childhood Education (EDN355)	Not available this year	3
Professional and Action Learning Project (EDN570)	MURDOCH: S2-external	6
Professional Development Portfolio (EDN518)	MURDOCH: S1-external	3
Professional Experience in Early Learning Centres (EDN539)	MURDOCH: ST2-placement, ST4-placement ROCKINGHAM: ST2-placement, ST4-placement	3
Professional Experience Primary (EDN3100)	MURDOCH: ST2-placement ROCKINGHAM: ST2-placement	2
Professional Experience: BEd Primary (EDN2100)	MURDOCH: ST4-placement ROCKINGHAM: ST4-placement	2
Professional Experience: BEd Secondary (EDN2101)	MURDOCH: ST4-placement	2
Professional Experience: BEd Secondary (EDN3101)	MURDOCH: ST1-placement	2
Professional Experience: BEd Secondary (EDN4101)	MURDOCH: ST1-placement	2
Professional Experience: BEd Secondary (HPE) (EDN4103)	MURDOCH: ST1-placement	2
Professional Experience: BEd Secondary HPE (EDN2102)	ROCKINGHAM: ST4-placement	2
Professional Experience: English in Practice (EDN2104)	Not available this year	3
Professional Experience: Mathematics in Practice (EDN3102)	Not available this year	3
Professional Experience: Postgraduate (EDN5100)	MURDOCH: ST2-placement, ST3-placement	3
Professional Experience: Primary Graduate (EDN2151)	MURDOCH: ST2-placement	2
Professional Experience: Programming Across the Curriculum (EDN4100)	Not available this year	3
Professional Experience: Secondary Graduate Diploma (EDN2161)	MURDOCH: ST2-placement ROCKINGHAM: ST2-placement	2
Professional Internship: Graduate (EDN4102)	Not available this year	4
Professional Internship: Preliminary Primary Teaching (EDN4302)	Not available this year	3
Professional Internship: Preliminary Secondary Teaching (EDN4303)	Not available this year	3
Professional Internship: Primary Teaching (EDN4300)	Not available this year	6
Professional Internship: Secondary Teaching (EDN4301)	Not available this year	6
Professional Issues for Teachers (EDN444)	Not available this year	2
Proficiency Development within the Teaching and Learning of Additional Languages (EDN404)	Not available this year	4
Schooling and Society (EDN331)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal	3
Schooling and Society (EDN3311)	MURDOCH: S1-internal, S1-external	2
Science and the Curriculum (Secondary) (Major) (EDN417)	MURDOCH: S1-internal, S1-external	4
Science and the Curriculum (Secondary) (Minor) (EDN317)	MURDOCH: S1-internal, S1-external	2
Science Communication (EDN398)	Not available this year	4
Second/Foreign Languages and the Curriculum (EDN3162)	MURDOCH: S1-internal, S1-external	3
Second/Foreign Languages and the Curriculum (Major) (EDN416)	MURDOCH: S1-internal, S1-external	4
Second/Foreign Languages and the Curriculum (Minor) (EDN316)	MURDOCH: S1-internal, S1-external	2

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Society and Environment Curriculum (Secondary) (Major) (EDN418)	MURDOCH: S1-internal, S1-external	4
Society and Environment Curriculum (Secondary) (Minor) (EDN318)	MURDOCH: S1-internal, S1-external	2
Special Topics in Education (EDN411)	Topic not currently available	4
Special Topics in Education: Creed and Sacraments in Catholic Schools (EDN211)	MURDOCH: SUM-internal	4
Special Topics in Education: Learning and Teaching Mathematics in Years 7 to 9 (EDN311)	MURDOCH: W4-internal	4
Sport Education (EDN3191)	ROCKINGHAM: S1-internal	4
Sport Education (EDN356)	Not available this year	3
Sport Education (Minor) (EDN319)	MURDOCH: S2-internal	4
Sports Practicum (EDN302)	ROCKINGHAM: Y3-internal	4
Sports Practicum (EDN357)	Not available this year	3
Sports Science Practicum (EDN307)	MURDOCH: Y3-internal	4
Teaching Arts and HPE in Primary Schools (EDN227)	MURDOCH: SP21-internal, SP21-external	2
Teaching English and Literacy in Primary Schools (EDN223)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal	4
Teaching English and Literacy in Primary Schools (EDN2231)	MURDOCH: S1-internal, S1-external	3
Teaching English and Literacy in Primary Schools (EDN235)	Not available this year	3
Teaching Health and Physical Education in Primary Schools (EDN226)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal	4
Teaching Health and Physical Education in Primary Schools (EDN2261)	MURDOCH: S2-external	3
Teaching Health and Physical Education in Primary Schools (EDN248)	Not available this year	3
Teaching Mathematics in Primary Schools (EDN333)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal	4
Teaching Mathematics in Primary Schools (EDN3331)	MURDOCH: S1-internal, S1-external	3
Teaching Mathematics in Primary Schools (EDN351)	Not available this year	3
Teaching Science in Primary Schools (EDN442)	Not available this year	3
Teaching Second/Foreign Languages (EDN516)	MURDOCH: S1-internal, S1-external	3
Teaching Society and the Environment in Primary Schools (EDN441)	Not available this year	3
Teaching The Arts in Primary Schools (EDN225)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal	4
Teaching The Arts in Primary Schools (EDN2251)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal	3
Teaching The Arts in Primary Schools (EDN236)	Not available this year	3
Tertiary and Adult Education Policy (EDN544)	MURDOCH: S2-internal, S2-external	3
Thinking Mathematically (EDN114)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal	3
Thinking Mathematically for Teachers (EDN214)	MURDOCH: S1-external, S2-internal, S2-external	4
Thinking Scientifically (EDN115)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal	3
Understanding Teachers' Work (EDN112)	Not available this year	3
Understanding Teachers' Work (EDN1121)	MURDOCH: UA2-internal	3

Education 'EDU'**Points**

Adult Learning in Education and Work (EDU645)	MURDOCH: S2-external	3
Advanced Educational Research Seminar (EDU701)	MURDOCH: S2-internal, S2-external	3
Advanced Educational Research Seminar (EDU7011)	MURDOCH: Y-internal	9
Advanced Qualitative Approaches to Research (EDU743)	MURDOCH: S2-internal, S2-external	3
Advanced Quantitative Approaches to Research (EDU739)	MURDOCH: S2-internal, S2-external	3
Critical Policy Analysis and Teachers' Work (EDU658)	MURDOCH: S2-internal, S2-external	3
Cultural Diversity in Learning and Working (EDU646)	DUBAI-ISC: TJD-internal	4
Curriculum Development for Practitioners (EDU688)	DUBAI-ISC: TJD-internal	4
Curriculum Leadership (EDU620)	MURDOCH: S2-external	3
Developing Research Capacities for Educators (EDU602)	MURDOCH: S2-internal, S2-external	6

Different Englishes and Interpretations of Language, Culture and Identity (EDU604)	MURDOCH: S2-internal, S2-external	3
Education Project (EDU600)	DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal	4
Education Project (EDU660)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	6
Environmental Education for Sustainability (EDU650)	MURDOCH: S2-internal, S2-external	3
International Education: Issues and Practices in Schools (EDU613)	DUBAI-ISC: TMD-internal	4
Introduction to Research for Educators (EDU603)	DUBAI-ISC: TJD-internal, TSD-internal	4
Introduction to Research for Educators (EDU610)	MURDOCH: S1-internal, S1-external, S2-external	6
Learning and Teaching with ICT (EDU615)	MURDOCH: S2-external	3
Learning and Teaching with ICT (EDU617)	DUBAI-ISC: TSD-internal	4
Mentoring (EDU671)	DUBAI-ISC: TMD-internal	4
Primary Curriculum IV (Society and Environment, Science) (EDU286)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal	4
Primary Curriculum IV (Society and Environment, Science) (EDU2861)	MURDOCH: S1-internal, S1-external	3
Professional Development Portfolio (EDU618)	DUBAI-ISC: TMD-internal	4
Professional Internship Prelim: Prim BEd/Inclusive Ed (EDU383)	MURDOCH: ST1-placement, ST3-placement ROCKINGHAM: ST1-placement, ST3-placement	2
Professional Internship Prelim: Primary BEd/ECE (EDU379)	MURDOCH: ST1-placement, ST3-placement ROCKINGHAM: ST1-placement, ST3-placement	2
Professional Internship Prelim: Primary GradDipEd (EDU291)	MURDOCH: ST1-placement, ST3-placement	2
Professional Internship Prelim: Secondary BEd (EDU387)	MURDOCH: ST1-placement, ST3-placement	2
Professional Internship Prelim: Secondary GradDipEd (EDU293)	MURDOCH: ST1-placement, ST3-placement ROCKINGHAM: ST3-placement	2
Professional Internship Preliminary: Primary BEd (EDU377)	MURDOCH: ST1-placement, ST3-placement ROCKINGHAM: ST1-placement, ST3-placement	2
Professional Internship: Primary BEd (EDU378)	MURDOCH: ST2-external, ST3-internal, ST3-external ROCKINGHAM: ST2-external, ST3-internal, ST3-external	6
Professional Internship: Primary BEd/ECE (EDU381)	MURDOCH: ST2-external, ST3-internal, ST3-external ROCKINGHAM: ST2-external, ST3-internal, ST3-external	6
Professional Internship: Primary BEd/Inclusive Ed (EDU384)	MURDOCH: ST2-external, ST3-internal, ST3-external ROCKINGHAM: ST2-external, ST3-internal, ST3-external	6
Professional Internship: Primary GradDipEd (EDU292)	MURDOCH: ST2-external, ST3-internal, ST3-external	4
Professional Internship: Secondary BEd (EDU389)	MURDOCH: ST2-external, ST3-internal, ST3-external	6
Professional Internship: Secondary GradDipEd (EDU297)	MURDOCH: ST2-external, ST3-internal, ST3-external ROCKINGHAM: ST3-external	4
Program Evaluation (EDU637)	MURDOCH: S1-external	3
Promoting Learners' Creativity, Critical Thinking and Self-Regulation (EDU647)	Not available this year	3
Reading through Multiliteracies (EDU664)	MURDOCH: S1-internal, S1-external	3
Research in Education (Research Dissertation) (EDU700)	MURDOCH: R1-internal, R1-external, R2-internal, R2-external, RAU-internal, RAU-external, RSP-internal, RSP-external	12
Research in Education (Research Dissertation) (EDU900)	MURDOCH: R1-internal, R1-external, R2-internal, R2-external, RAU-internal, RAU-external, RSP-internal, RSP-external ROCKINGHAM: R1-internal, R1-external, R2-internal, R2-external, RAU-internal, RAU-external, RSP-internal, RSP-external	12
School Experience: Primary BEd (EDU3154)	MURDOCH: ST1-placement ROCKINGHAM: ST1-placement	2
School Experience: Secondary BEd (EDU3161)	MURDOCH: ST1-placement	2
Special Topics in Education (EDU611)	Topic not currently available	3
Special Topics in Education: Teaching Big Ideas in School Science (EDU511)	MURDOCH: S1-internal	3
Student Engagement and Community Learning (EDU661)	MURDOCH: S1-external	3

Teaching, Learning and Working in Culturally Diverse Environments (EDU616) MURDOCH: S1-internal, S1-external

3

Engineering**Points**

Advanced Control Systems Design (ENG525)	MURDOCH: S1-internal	3
Advanced Electronic Control of Power Systems (ENG558)	Not available this year	3
Advanced Mineral Processing (ENG566)	MURDOCH: S1-internal, S1-external	3
Advanced Process Engineering (ENG308)	Not available this year	3
Advanced Process Modelling and Simulation (ENG563)	MURDOCH: S1-internal	3
Advanced SCADA Systems (ENG617)	MURDOCH: S1-internal	3
Advanced Topics in Instrumentation and Control (ENG502)	MURDOCH: S2-internal	3
Applied Mineralogy (ENG205)	Not available this year	3
Applied Photovoltaics (ENG337)	Not available this year	3
Biomedical Instrumentation (ENG371)	MURDOCH: S1-internal	4
Biomedical Signal Processing (ENG372)	MURDOCH: S1-internal	4
Biomedical Systems Engineering (ENG373)	MURDOCH: S1-internal, S2-internal	4
Circuits and Systems I (ENG125)	MURDOCH: S2-internal	3
Circuits and Systems II (ENG243)	MURDOCH: S1-internal	4
Circuits and Systems II (ENG297)	Not available this year	3
Control Systems and Process Dynamics (ENG267)	MURDOCH: S2-internal, SUM-internal	4
Control Systems and Process Dynamics (ENG299)	Not available this year	3
CSI: Control System Investigation (ENG668)	MURDOCH: S1-internal	3
Design Concepts in Science and Engineering (ENG141)	Not available this year	3
Design Methodologies in Instrumentation and Control (ENG508)	MURDOCH: S1-internal, S2-internal	3
Design Project (ENG550)	MURDOCH: S1-internal, S2-internal	3
Discrete Time Systems (ENG294)	Not available this year	3
Electrical Power Systems Design (ENG449)	Not available this year	3
Electromechanical Energy Conversion (ENG317)	Not available this year	3
Electromechanical Energy Conversion (ENG347)	MURDOCH: S1-internal	4
Energy Management and Systems (ENG338)	Not available this year	3
Energy Supply Systems (ENG352)	MURDOCH: S2-internal	4
Energy, Mass and Flow (ENG192)	MURDOCH: S2-internal	3
Engineering Computing Systems (ENG109)	MURDOCH: S2-internal	3
Engineering Design (ENG428)	MURDOCH: S1-internal, S2-internal	4
Engineering Design (ENG4281)	MURDOCH: S1-internal, S2-internal	4
Engineering Design Project (ENG457)	MURDOCH: S2-internal	6
Engineering Finance, Management, Ethics and Law (ENG336)	Not available this year	3
Engineering Internship (ENG450)	MURDOCH: DE2-internal, H-internal, S1-internal, SUM-internal, WU3-internal, Y-internal	12
Engineering Law, Management and Ethics (ENG453)	MURDOCH: S1-internal	4
Engineering Masters Project (ENG615)	MURDOCH: H-internal, S1-internal, S2-internal, Y-internal	12
Engineering Signals and Systems (ENG429)	MURDOCH: S1-internal, S2-internal	4
Engineering Systems Projects (ENG396)	MURDOCH: S1-internal, S2-internal, SUM-internal	6
Engineering Technology Project (ENG310)	MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal	4
Engineering Thermodynamics (ENG202)	Not available this year	3
Engineering Thesis (ENG460)	MURDOCH: DE2-internal, H-internal, S1-internal, SUM-internal, WU3-internal, Y-internal	12
Environmental Engineering Design (ENG452)	Not available this year	3
Environmental Technology for Sustainability (ENG300)	Not available this year	3
Extractive Metallurgy I (ENG567)	MURDOCH: S1-internal, S1-external	3
Extractive Metallurgy II (ENG568)	MURDOCH: S2-internal, S2-external	3
Financial and Environmental Management (ENG456)	Not available this year	3
Fluid Mechanics (ENG201)	Not available this year	3
Hazard, Risk and Project Management (ENG691)	MURDOCH: S1-internal, S2-internal	3
Heat and Mass Transfer (ENG203)	Not available this year	3
Hydrometallurgy (ENG326)	Not available this year	3

Industrial Computer Systems Design (ENG447)	Not available this year	3
Industrial Computer Systems Design (ENG454)	MURDOCH: S1-internal	4
Industrial Instrumentation Technologies (ENG564)	MURDOCH: S2-internal	3
Industrial Signals and Systems (ENG514)	MURDOCH: S2-internal	3
Instrument and Communication Systems (ENG321)	Not available this year	3
Instrument and Communication Systems (ENG345)	MURDOCH: S2-internal	4
Instrumentation and Control Systems Design (ENG420)	MURDOCH: S1-internal	4
Instrumentation and Control Systems Design (ENG445)	Not available this year	3
Introduction to the Minerals Industry (ENG193)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Metallurgical Unit Operations (ENG524)	MURDOCH: S1-internal, S1-external	3
Mineral Processing I (ENG328)	Not available this year	3
Mineral Processing II (ENG329)	Not available this year	3
Mineral Processing II (ENG330)	MURDOCH: S2-internal, S2-external	4
Mineralogy for Metallurgists (ENG565)	MURDOCH: S2-internal, S2-external	3
PLC and SCADA Systems (ENG443)	MURDOCH: S1-internal, S2-internal	4
PLC Applications (ENG501)	MURDOCH: S1-internal	3
PLC Systems (ENG305)	MURDOCH: S1-internal	4
PLC Systems (ENG311)	Not available this year	3
Pollution and its Control (ENG221)	Not available this year	3
Power Electronic Converters and Systems (ENG318)	Not available this year	3
Power Electronic Converters and Systems (ENG349)	MURDOCH: S1-internal	4
Power System Economics and Electricity Markets (ENG561)	Not available this year	3
Power System Monitoring, Diagnostics and Maintenance (ENG557)	Not available this year	3
Power Systems Protection (ENG682)	MURDOCH: S1-internal	3
Power Systems Protection and Control (ENG451)	Not available this year	3
Power Systems Protection and Control (ENG455)	MURDOCH: S1-internal	4
Power Transmission and Distribution Networks (ENG323)	Not available this year	3
Power Transmission and Distribution Networks (ENG348)	MURDOCH: S2-internal	4
Practical Metallurgical Processing (ENG562)	MURDOCH: H-external, Y-external	6
Principles of Electronic Instrumentation (ENG207)	Not available this year	3
Principles of Electronic Instrumentation (ENG262)	MURDOCH: S2-internal, SUM-internal	4
Principles of Mineral Processing (ENG324)	Not available this year	3
Principles of Process Engineering (ENG241)	MURDOCH: S1-internal	4
Principles of Process Engineering (ENG298)	Not available this year	3
Principles of Unit Operations (ENG224)	Not available this year	3
Process Control Engineering I (ENG304)	MURDOCH: S1-internal	4
Process Control Engineering I (ENG309)	Not available this year	3
Process Control Engineering II (ENG322)	Not available this year	3
Process Control Engineering II (ENG346)	MURDOCH: S2-internal	4
Process Engineering (ENG303)	MURDOCH: S1-internal	4
Process Systems Engineering (ENG446)	Not available this year	3
Pyrometallurgy (ENG325)	Not available this year	3
Reactor Engineering (ENG335)	Not available this year	3
Reactor Engineering (ENG361)	Not available this year	4
Real Time and Embedded Systems (ENG306)	MURDOCH: S2-internal	4
Real Time and Embedded Systems (ENG319)	Not available this year	3
Renewable Energy Design Workshop (ENG351)	MURDOCH: S2-internal	4
Renewable Energy Systems Engineering (ENG421)	MURDOCH: S1-internal	4
Renewable Energy Systems Engineering (ENG442)	Not available this year	3
Research Principles and Methods (ENG670)	MURDOCH: S1-internal, S2-internal	3
Research Project and Thesis (ENG458)	MURDOCH: H-internal, Y-internal	12
Resources for Renewable Energy (ENG307)	MURDOCH: S1-internal	4
SCADA and Systems Architecture (ENG448)	Not available this year	3
Solar Thermal and Biomass Engineering (ENG441)	Not available this year	3
Sustainable Urban Water Systems (ENG459)	Not available this year	3

Transmission and Distribution System Design and Planning (ENG556)	Not available this year	3
Water Conservation and Auditing (ENG204)	Not available this year	3
Water Conservation and Auditing (ENG206)	MURDOCH: S1-internal, S1-external	4
Wind Energy Engineering (ENG339)	Not available this year	3

English**Points**

Acting and Production I (EGL226)	MURDOCH: S1-internal	4
Acting and Production I (EGL239)	Not available this year	3
Acting and Production II (EGL329)	MURDOCH: S2-internal	4
Acting and Production II (EGL347)	Not available this year	3
Australian Literature and Film (EGL235)	Not available this year	3
Australian Literature and Film (EGL284)	MURDOCH: S2-internal, S2-external	4
Children's Theatre (EGL213)	MURDOCH: S1-internal	4
Children's Theatre (EGL240)	Not available this year	3
Comparative Theatre (EGL205)	Not available this year	4
Comparative Theatre (EGL242)	Not available this year	3
Contemporary Fiction Writing (EGL343)	Not available this year	3
Contemporary Theatre Practice (EGL202)	Not available this year	4
Contemporary Theatre Practice (EGL349)	Not available this year	3
Creative Prose Writing (EGL203)	Not available this year	4
Design (EGL215)	MURDOCH: S2-internal	4
Design (EGL241)	Not available this year	3
Drama, Theatre and Performance (EGL106)	MURDOCH: S2-internal	3
Editing Practice (EGL201)	Not available this year	4
English Language Studies (EGL151)	Not available this year	3
Great Books Past and Present 1 (EGL252)	Not available this year	3
Great Books Past and Present 2 (EGL345)	Not available this year	3
Honours - Personal Program (EGL499)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	24
Honours Dissertation Preliminary (EGL469)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Honours Thesis in English and Creative Writing (EGL4199)	MURDOCH: S1-internal, S2-internal, Y-internal	12
Honours Thesis in Theatre and Drama (EGL4189)	MURDOCH: S1-internal, S2-internal	12
Honours Topic in English and Creative Writing (EGL4191)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Honours Topic in Theatre and Drama (EGL4181)	MURDOCH: S1-internal, S2-internal	4
Literary Theory (EGL346)	Not available this year	3
Literary Theory (EGL354)	MURDOCH: S1-internal, S1-external	4
Literature in an Age of Terror (EGL224)	MURDOCH: S2-internal, S2-external	4
Narrative: Fiction and Film (EGL237)	MURDOCH: S1-internal, S1-external	4
Performance and Creative Arts (EGL225)	MURDOCH: S2-internal	4
Performance and Creative Arts (EGL236)	Not available this year	3
Popular Literature and Science Fiction (EGL230)	Not available this year	3
Popular Literature and Science Fiction (EGL290)	MURDOCH: S2-internal, S2-external	4
Professional Writing (EGL232)	Not available this year	3
Professional Writing (EGL332)	Not available this year	4
Project in Creative Writing (EGL220)	Not available this year	3
Project in Creative Writing (EGL260)	MURDOCH: S2-internal, S2-external	4
Reading and Writing Contemporary Literature (EGL217)	MURDOCH: S2-internal, S2-external	4
Reading Literature as History (EGL307)	Not available this year	4
Representation and Gender (EGL298)	MURDOCH: S2-internal, S2-external	4
Shakespeare (EGL308)	MURDOCH: S2-internal, S2-external	4
Shakespeare (EGL348)	Not available this year	3
Sonnet to Song: Understanding Poetry (EGL331)	MURDOCH: S2-internal, S2-external	4
Sonnet to Song: Understanding Poetry (EGL344)	Not available this year	3
Special Topics in Language (EGL227)	Topic not currently available	4
Telling True Stories (EGL233)	Not available this year	3
Telling True Stories (EGL234)	MURDOCH: S1-internal	4

Theories in the Humanities - Honours (EGL461)	MURDOCH: S1-internal	4
Turning Points in Literature (EGL121)	MURDOCH: S1-internal, S1-external	3
World Writing Today (EGL223)	Not available this year	4
Writing and Creativity (EGL122)	MURDOCH: S2-internal, S2-external	3

Environmental Science Points

Advanced Ecology (ENV526)	MURDOCH: S2-internal, S2-external	3
Advanced Environmental Science Research Methods (ENV683)	MURDOCH: S1-internal, S1-external	3
Advanced Environmental Science Topics (ENV529)	MURDOCH: S2-internal, S2-external	3
Aquatic Ecology (ENV511)	MURDOCH: S1-external	3
Atmospheric Science (ENV213)	MURDOCH: S1-internal, S1-external	4
Atmospheric Science (ENV242)	Not available this year	3
Atmospheric Science (ENV513)	MURDOCH: S1-internal, S1-external	4
Australian Environmental Issues (ENV104)	Not available this year	3
Climate Change Adaptation: Ecosystems and Societies (ENV380)	Not available this year	4
Climate Change Adaptation: Ecosystems and Societies (ENV680)	MURDOCH: S2-internal, S2-external	3
Coastal and Marine Management (ENV333)	Not available this year	3
Coastal and Marine Management (ENV381)	MURDOCH: S2-internal (quota of 60 places)	4
Comparative Environmental Policy and Law (ENV552)	MURDOCH: S1-external	3
Earth System Science (ENV314)	MURDOCH: S2-internal, S2-external	4
Earth System Science (ENV614)	MURDOCH: S2-internal, S2-external	4
Earth System Science (ENV684)	MURDOCH: S2-internal, S2-external	3
Ecology (ENV241)	Not available this year	3
Ecology (ENV268)	MURDOCH: S2-internal, S2-external	4
Environmental Assessment and Management (ENV522)	MURDOCH: S1-internal, S1-external	4
Environmental Assessment and Management (ENV557)	MURDOCH: S1-internal, S1-external	3
Environmental Management (ENV319)	MURDOCH: S2-internal, S2-external	4
Environmental Management (ENV331)	Not available this year	3
Environmental Monitoring (ENV505)	MURDOCH: S2-internal, S2-external	4
Environmental Monitoring (ENV558)	MURDOCH: S2-internal, S2-external	3
Environmental Policy and Law (ENV228)	MURDOCH: S2-internal, S2-external	4
Environmental Policy and Law (ENV328)	Not available this year	3
Environmental Policy for the 21st Century (ENV616)	MURDOCH: S1-internal, S1-external	3
Environmental Restoration (ENV324)	MURDOCH: S1-internal, S1-external	4
Environmental Restoration (ENV334)	Not available this year	3
Environmental Science Masters Project (ENV600)	MURDOCH: H-internal, H-external, Y-internal, Y-external	8
Environmental Science Masters Project (ENV690)	MURDOCH: H-internal, H-external, Y-internal, Y-external	12
Environmental Science Research Methods (ENV523)	MURDOCH: S1-internal, S1-external	4
Environmental Science Topics (ENV527)	MURDOCH: S1-internal, S1-external	3
Environmental Technology for Sustainability (ENV210)	MURDOCH: S2-internal, S2-external	4
Foundations of the Environment (ENV102)	MURDOCH: S2-internal, S2-external	3
GIS for Environmental Management and Planning (ENV203)	MURDOCH: S2-internal, S2-external	4
GIS for Environmental Management and Planning (ENV303)	MURDOCH: S2-internal, S2-external	3
Global and Regional Sustainability (ENV212)	MURDOCH: S2-internal, S2-external	4
Global and Regional Sustainability (ENV245)	Not available this year	3
Honours Thesis in Environmental Management (ENV4089)	MURDOCH: S1-internal, S2-internal, Y-internal	20
Honours Thesis in Environmental Science (ENV4019)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	20
Honours Thesis in Marine Science (ENV4069)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	20
Land and Water Management (ENV554)	MURDOCH: S1-internal, S1-external	3
Managing Wetlands and Water (ENV311)	MURDOCH: S2-internal, S2-external	4
Managing Wetlands and Water (ENV332)	Not available this year	3
Nature-Based Tourism (ENV278)	Not available this year	3
Nature-Based Tourism (ENV279)	MURDOCH: S1-internal, S1-external	4
Oceanography and Marine Pollution (ENV244)	Not available this year	3
Oceanography and Marine Pollution (ENV282)	MURDOCH: S2-internal (quota of 40 places)	4

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Pollution and its Control (ENV211)	MURDOCH: S1-internal, S1-external	4
Principles of Environmental Impact Assessment (ENV520)	MURDOCH: S1-internal, S1-external	4
Principles of Environmental Impact Assessment (ENV556)	MURDOCH: S1-internal, S1-external	3
Protected Area Management and Planning (ENV246)	Not available this year	3
Special Topics in Environmental Science (ENV330)	Topic not currently available	4
Sustainability: Global and Regional Perspectives (ENV553)	MURDOCH: S2-internal, S2-external	3
Sustainable Urban Water Systems (ENV318)	MURDOCH: S2-internal, S2-external	4
Water and Earth Science (ENV243)	Not available this year	3
Water and Earth Science (ENV281)	MURDOCH: S1-internal, S1-external	4

Exercise Science

Points

Acquisition of Skills and Motor Control (EXS205)	Not available this year	3
Acquisition of Skills and Motor Control (EXS322)	MURDOCH: S1-internal	4
Advanced Skills and Motor Control (EXS305)	Not available this year	3
Advanced Skills and Motor Control (EXS330)	MURDOCH: S2-internal	2
Advanced Sports Psychology (EXS301)	Not available this year	3
Advanced Sports Psychology (EXS331)	MURDOCH: S2-internal	2
Advanced Topics in Exercise Physiology (EXS404)	Not available this year	3
Advanced Topics in Exercise Physiology (EXS569)	MURDOCH: T3-internal	2
Biomechanics I (EXS2041)	Not available this year	3
Biomechanics I (EXS209)	MURDOCH: S2-internal	4
Biomechanics I (EXS2091)	MURDOCH: S2-internal	4
Biomechanics II (EXS304)	Not available this year	3
Cardiopulmonary Rehabilitation (EXS401)	Not available this year	3
Cardiopulmonary Rehabilitation (EXS552)	MURDOCH: T1-internal	2
Exercise Physiology I (EXS202)	Not available this year	3
Exercise Physiology I (EXS226)	MURDOCH: S1-internal	4
Exercise Physiology II (EXS227)	MURDOCH: S2-internal	4
Exercise Physiology II (EXS302)	Not available this year	3
Exercise Physiology Practicum (EXS409)	Not available this year	6
Exercise Physiology Practicum (EXS570)	MURDOCH: Y1-internal	12
Exercise Science Practicum (EXS390)	MURDOCH: H-internal, Y-internal	4
Exercise, Programming and Prescription (EXS303)	Not available this year	3
Exercise, Programming and Prescription (EXS318)	MURDOCH: S1-internal	4
Health, Fitness and Performance Assessment (EXS203)	Not available this year	3
Health, Fitness and Performance Assessment (EXS208)	MURDOCH: S1-internal	4
Honours Thesis in Exercise Physiology (EXS460)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	24
Honours Thesis in Movement Science (EXS594)	Not available this year	21
Honours Thesis in Sports and Health Science (EXS593)	Not available this year	21
Honours Thesis in Sports Science (EXS4909)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	24
Honours Thesis in Sports Science (EXS4909-12)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	12
Introduction to Research Methodology and Evidence Based Practice (EXS106)	MURDOCH: S2-internal	3
Introduction to Sports Science (EXS124)	MURDOCH: S1-internal	3
Metabolic Rehabilitation (EXS403)	Not available this year	3
Metabolic Rehabilitation (EXS551)	MURDOCH: T3-internal	2
Neuromuscular Rehabilitation (EXS402)	Not available this year	3
Neuromuscular Rehabilitation (EXS553)	MURDOCH: T2-internal	2
Nutrition (EXS213)	MURDOCH: S1-internal	2
Physical Assessment and Rehabilitation (EXS306)	Not available this year	3
Physical Assessment and Rehabilitation (EXS328)	MURDOCH: S1-internal	4
Research Methods in Exercise Science (EXS591)	Not available this year	3
Sports Psychology (EXS201)	Not available this year	3
Sports Psychology (EXS224)	MURDOCH: S1-internal	2

Sports Science Practicum (EXS315)	MURDOCH: H-internal, S1-internal, S2-internal, Y-internal	4
Strength and Resistance Training (EXS103)	MURDOCH: S2-internal	3
Strength and Resistance Training (EXS225)	MURDOCH: S2-internal	4
Workplace Practicum (EXS329)	Not available this year	4

Extractive Metallurgy

Points

Extractive Metallurgy (EXM357)	MURDOCH: S2-internal, S2-external	4
Extractive Metallurgy Practicum (EXM506)	MURDOCH: DE2-internal, DE2-external, S1B-internal, S1B-external	3
Honours Thesis in Mineral Science (EXM4039)	MURDOCH: H-internal, Y-internal	16
Mineral Processing I (EXM301)	MURDOCH: S1-internal, S1-external	4
Mineral Processing Practicum (EXM507)	MURDOCH: DE2-internal, DE2-external, S1B-internal, S1B-external	3
Principles of Unit Operations (EXM224)	MURDOCH: S1-internal, S1-external	4

Foundation

Points

Next Life (FDN107)	DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal KAPLAN-SGP: TMA-internal, TSA-internal	3
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Games Art and Design

Points

3D Animation (GAD365)	Not available this year	3
3D Modelling (GAD164)	MURDOCH: S1-internal	3
Advanced 3D Modelling (GAD363)	Not available this year	3
Animation (GAD241)	Not available this year	3
Digital Painting (GAD374)	Not available this year	3
Drawing (GAD172)	MURDOCH: S1-internal ROCKINGHAM: S2-internal	3
Drawing Studio (GAD373)	Not available this year	3
Games Art (GAD261)	Not available this year	3
Games Design Studio (GAD375)	Not available this year	3
Games Project (GAD362)	Not available this year	3
Introduction to Games Art and Design (GAD154)	MURDOCH: S2-internal	3
Video Game Studies (GAD232)	Not available this year	3

Graduate Business

Points

Accounting for Managers (MBS513)	DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal SGP1: TJS-internal	4
Accounting for Managers (MBS5132)	MURDOCH: SUM1-internal	3
Accounting for Managers (MBS539)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Accounting Processes (MBS544)	MURDOCH: S1-internal, S2-internal	3
Accounting Processes (MBS553)	KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal	4
Accounting Theory and Governance (MBS633)	KAPLAN-SGP: TMA-internal	4
Accounting Theory and Governance (MBS679)	MURDOCH: S2-internal	3
Acquisition of Human Resources (MBS511)	DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TSA-internal	4
Acquisition of Human Resources (MBS688)	MURDOCH: S2-internal, S2-external	3
Auditing (MBS634)	KAPLAN-SGP: TJA-internal, TSA-internal	4
Auditing (MBS680)	MURDOCH: S1-internal	3
Business Finance (MBS605)	DUBAI-ISC: TMD-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal SGP1: TSR-internal	4

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Business Finance (MBS645)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Company Law (MBS509)	KAPLAN-SGP: TMA-internal	4
Corporate Accounting (MBS632)	KAPLAN-SGP: TJA-internal, TSA-internal	4
Corporate Accounting (MBS678)	MURDOCH: S2-internal	3
Decision Neuroscience Neuromarketing (MBS690)	MURDOCH: S1-internal (quota of 14 places), S2-internal (quota of 14 places)	3
Digital Business (MBS667)	MURDOCH: S2-internal, S2-external	3
Directed Studies in Business (MBS611)	MURDOCH: S1-internal, S2-internal	3
Dispute Management (MBS618)	KAPLAN-SGP: TJA-internal, TSA-internal SGP1: TMS-internal	4
Doctor of Business Administration Thesis (MBS700)	MURDOCH: S1-internal, S2-internal	12
Doctor of Human Resource Management Thesis (MBS784)	MURDOCH: S1-internal, S2-internal	12
Economics and Business Strategy (MBS666)	KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal	4
Economics and Business Strategy (MBS686)	MURDOCH: S2-internal, S2-external	3
Economics of Globalisation (MBS531)	DUBAI-ISC: TMD-internal	4
Economics of Globalisation (MBS631)	MURDOCH: S1-internal, S1-external	3
Effective Leadership (MBS671)	DUBAI-ISC: TMD-internal KAPLAN-SGP: TJA-internal, TSA-internal SGP1: TSP-internal	4
Effective Leadership (MBS6711)	Not available this year	3
Effective Leadership (MBS6712)	MURDOCH: SUM1-internal	3
Effective Leadership (MBS687)	MURDOCH: S1-internal, S1-external	3
Employment Relations and Asia Pacific Contexts (MBS624)	MURDOCH: S2-internal, S2-external	3
Entrepreneurship and Innovation Management (MBS629)	DUBAI-ISC: TJD-internal, TSD-internal SGP1: TSS-internal	4
Entrepreneurship and Innovation Management (MBS673)	MURDOCH: S1-internal, S1-external	3
Financial Management Decision Making (MBS536)	MURDOCH: S1-internal	3
Human Resource Management Law (MBS501)	DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal	4
Human Resource Management Perspectives (MBS617)	DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal	4
Human Resource Management Perspectives (MBS6171)	Not available this year	3
Human Resource Management Perspectives (MBS655)	MURDOCH: S1-internal, S1-external	3
International Business (MBS630)	DUBAI-ISC: TJD-internal, TSD-internal SGP1: TJP-internal	4
International Business (MBS675)	MURDOCH: S2-internal, S2-external	3
International Business Negotiations (MBS636)	MURDOCH: S2-internal, S2-external	3
Law for Business (MBS502)	DUBAI-ISC: TMD-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal SGP1: TMR-internal	4
Leading and Managing Nonprofit Organisations (MBS651)	MURDOCH: S2-internal, S2-external	3
Management Accounting (MBS627)	KAPLAN-SGP: TMA-internal	4
Management Accounting (MBS669)	MURDOCH: S1-internal	3
Managing Remuneration, Benefits and Motivation (MBS626)	DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TSA-internal	4
Managing Remuneration, Benefits and Motivation (MBS668)	MURDOCH: S2-internal, S2-external	3
Managing, Evaluating and Developing Human Resources (MBS525)	DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TSA-internal	4
Managing, Evaluating and Developing Human Resources (MBS625)	MURDOCH: S1-internal, S1-external	3
Master of Business Thesis (MBS610)	MURDOCH: S1-internal, S2-internal	24
Organisational Behaviour and Management (MBS508)	DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal SGP1: TSQ-internal	4
Organisational Behaviour and Management (MBS5082)	MURDOCH: W-internal	3
Organisational Behaviour and Management (MBS538)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3

Organisational Change, Management and Consultancy (MBS548)	DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal	4
Organisational Change, Management and Consultancy (MBS648)	MURDOCH: S2-internal, S2-external	3
Postgraduate International Study Tour (MBS672)	Not available this year	3
Project Management (MBS641)	DUBAI-ISC: TMD-internal KAPLAN-SGP: TJA-internal, TSA-internal SGP1: TMP-internal	4
Project Management (MBS6411)	MURDOCH: S1-internal	3
Project Management (MBS685)	MURDOCH: W-internal, W-external	3
Qualitative Organisational Research (MBS619)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Quantitative Methods for Business (MBS622)	DUBAI-ISC: TMD-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal	4
Quantitative Research for Business (MBS659)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Research Preparation for Business (MBS620)	MURDOCH: S1-internal, S2-internal	3
Research Project (MBS612)	Not available this year	4
Research Project (MBS649)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external	6
Risk Management (MBS572)	DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal	4
Risk Management (MBS689)	MURDOCH: S2-internal, S2-external	3
Special Topics in Business (MBS6991)	Topic not currently available	3
Special Topics in Business: Global Financial Management (MBS699)	MURDOCH: S1-internal	3
Strategic Decision-Making (MBS606)	DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal, TSA-internal SGP1: TMQ-internal	4
Strategic Decision-Making (MBS647)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Strategic Marketing Management (MBS507)	DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TMA-internal SGP1: TJR-internal	4
Strategic Marketing Management (MBS5072)	MURDOCH: W-internal	3
Strategic Marketing Management (MBS537)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Supply Chain Management and Logistics (MBS558)	SGP1: TJQ-internal	4
Supply Chain Management and Logistics (MBS658)	MURDOCH: SUM-internal, SUM-external	3
Taxation (MBS514)	KAPLAN-SGP: TJA-internal, TSA-internal	4
Taxation (MBS614)	MURDOCH: S2-internal	3

History

Points

After Power: The Fall of Regimes and Rulers (HIS203)	Not available this year	4
American Indian History (HIS223)	MURDOCH: S1-internal, S1-external	4
American Indian History (HIS323)	Not available this year	3
Approaches to History (HIS285)	Not available this year	4
Approaches to History (HIS685)	Not available this year	3
Australia and its Asian Context (HIS202)	MURDOCH: S2-internal, S2-external	4
Australia and its Asian Context (HIS302)	Not available this year	3
Britannia to the Beatles: Power, Sex and Identity in Modern Britain (HIS220)	Not available this year	4
Creating History (HIS300)	Not available this year	3
Crime and Punishment Since 1700 (HIS260)	MURDOCH: S2-internal, S2-external	4
Earth, Fire, Wind and Water: Australian Environmental History (HIS256)	Not available this year	3
Earth, Fire, Wind and Water: Australian Environmental History (HIS283)	Not available this year	4

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Europe Under the Dictators (HIS259)	Not available this year	3
Europe Under the Dictators (HIS293)	MURDOCH: S1-internal, S1-external	4
Historical Mysteries of the Modern World (HIS234)	Not available this year	4
History Honours Seminar I (HIS463)	MURDOCH: S1-internal	4
History, Society and Culture (HIS200)	Not available this year	3
Hollywood and History (HIS249)	Not available this year	4
Hollywood and History (HIS250)	Not available this year	3
Honours Thesis in History (HIS4019)	MURDOCH: S1-internal, S2-internal, Y-internal	12
Honours Topic in History (HIS4011)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Introduction to History (HIS181)	MURDOCH: S1-internal, S1-external	3
Making of the Modern World (HIS182)	MURDOCH: S2-internal, S2-external	3
Modern Japanese History (HIS210)	MURDOCH: S1-internal, S1-external	4
Modern Japanese History (HIS310)	Not available this year	3
Rebirth of Europe 1945-2001 (HIS224)	Not available this year	4
Rebirth of Europe 1945-2001 (HIS324)	Not available this year	3
Soldiers and Civilians: War in the Pacific 1941-1945 (HIS226)	Not available this year	4
Soldiers and Civilians: War in the Pacific 1941-1945 (HIS258)	Not available this year	3
Special Topics in History (HIS287)	Topic not currently available	4
Special Topics in History (HIS2871)	Topic not currently available	4
Spies, Saboteurs and Secret Agents (HIS230)	MURDOCH: S2-internal, S2-external	4
Spies, Saboteurs and Secret Agents (HIS257)	Not available this year	3
Witchcraft: Historical Images of Women (HIS252)	Not available this year	3
Witchcraft: Historical Images of Women (HIS286)	MURDOCH: S2-internal, S2-external	4

Indonesian

Points

Indonesian 1 (IND101)	MURDOCH: S1-internal, S1-external	3
Indonesian 2 (IND102)	MURDOCH: S2-internal, S2-external	3
Indonesian 2A (IND261)	MURDOCH: S1-internal, S1-external	4
Indonesian 2B (IND262)	MURDOCH: S2-internal, S2-external	4
Indonesian 3 (IND201)	Not available this year	3
Indonesian 3A (IND361)	MURDOCH: S1-internal, S1-external	4
Indonesian 3B (IND362)	MURDOCH: S2-internal, S2-external	4
Indonesian 4 (IND202)	Not available this year	3
Indonesian 5 (IND203)	Not available this year	3
Indonesian 6 (IND301)	Not available this year	3
Indonesian 7 (IND302)	Not available this year	3
Indonesian Advanced Language Project (IND652)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Indonesian Language Project (IND452)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	4
Media, Culture and Politics in Indonesia (IND271)	MURDOCH: S2-internal, S2-external	4
Media, Culture and Politics in Indonesia (IND371)	Not available this year	3
Semester in Indonesia (IND243)	MURDOCH: S1-internal, S2-internal	12
Semester in Indonesia (IND443)	MURDOCH: S1-internal, S2-internal	12
Semester in Indonesia (IND543)	MURDOCH: S1-internal, S2-internal	12

Information Technology

Points

Advanced Business Analysis and Design (ICT353)	MURDOCH: S2-internal, S2-external DUBAI-ISC: TMD-internal KAPLAN-SGP: TJA-internal, TMA-internal SGP1: TMB-internal, TSB-internal	4
Advanced Business Analysis and Design (ICT393)	Not available this year	3
Advanced Business Data Communications (ICT535)	MURDOCH: S2-internal	3
Advanced Games Design and Programming (ICT311)	MURDOCH: S1-internal, S1-external	4
Advanced Games Design and Programming (ICT397)	Not available this year	3
Advanced Honours Topic in Computer Science (ICT4021)	MURDOCH: S1-internal, S2-internal, Y-internal	4

Advanced Honours Topic in Computer Science (ICT4022)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Advanced Honours Topic in Information Systems (ICT4051)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Advanced Honours Topic in Information Systems (ICT4052)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Advanced Information Technology Research Project (ICT708)	MURDOCH: S1-internal, S2-internal	12
Advanced IT Study Project (ICT517)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Advanced Network Design (ICT347)	MURDOCH: S2-internal	4
Advanced Network Design and Implementation (ICT372)	Not available this year	3
Advanced Routing (ICT611)	MURDOCH: S2-internal	3
Applied Information Security Management (ICT502)	MURDOCH: S2-internal, S2-external	3
Business Analysis and Systems Development Approaches (ICT501)	MURDOCH: S2-internal, S2-external	3
Business Intelligence Application Development (ICT394)	Not available this year	3
Business Intelligence Tools and Techniques (ICT208)	MURDOCH: S1-internal, S1-external DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal SGP1: TMB-internal, TSB-internal	4
Computer Forensics (ICT378)	Not available this year	3
Computer Forensics (ICT504)	MURDOCH: S2-internal	3
Computer Graphics Principles and Programming (ICT215)	MURDOCH: S1-internal, S1-external	4
Computer Graphics Principles and Programming (ICT289)	Not available this year	3
Computer Science Research Topic (ICT700)	MURDOCH: S1-internal, S2-internal	3
Computer Security (ICT287)	Not available this year	3
Computer Security (ICT339)	MURDOCH: S2-internal, S2-external	4
Computer Systems and Network Management (ICT338)	MURDOCH: S1-internal (closed pending cancellation of the offering), S1-external (closed pending cancellation of the offering)	4
Cyber Forensics (ICT248)	MURDOCH: S1-internal, S1-external KAPLAN-SGP: TJA-internal, TMA-internal SGP1: TMB-internal	4
Data Resources Management (ICT616)	MURDOCH: S2-internal	3
Data Structures and Abstractions (ICT209)	MURDOCH: S1-internal, S1-external DUBAI-ISC: TJD-internal, TMD-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal	4
Data Structures and Abstractions (ICT283)	Not available this year	3
Databases (ICT218)	MURDOCH: S2-internal, S2-external DUBAI-ISC: TMD-internal, TSD-internal KAPLAN-SGP: TMA-internal, TSA-internal SGP1: TSB-internal	4
Databases (ICT285)	Not available this year	3
Doctor of Information Technology Thesis (ICT702)	MURDOCH: R1-internal, R1-external, R2-internal, R2-external, RAU-internal, RAU-external, RSP-internal, RSP-external, S1-internal, S1-external, S2-internal, S2-external	12
Enterprise Architectures (ICT301)	Not available this year	3
Forensic Data Analysis (ICT349)	MURDOCH: S1-internal, S1-external KAPLAN-SGP: TMA-internal SGP1: TJB-internal, TMB-internal	4
Foundations of Computer Systems (ICT170)	MURDOCH: S2-internal, S2-external	3
Foundations of Data Communications (ICT169)	MURDOCH: S2-internal, S2-external	3
Foundations of Programming (ICT159)	MURDOCH: S1-internal, S1-external	3
Fundamentals of Computer Systems (ICT106)	DUBAI-ISC: TJD-internal, TMD-internal	3
Game Development (ICT371)	Not available this year	3
Games Design and Programming (ICT207)	MURDOCH: S2-internal, S2-external	4
Games Design and Programming (ICT290)	Not available this year	3
Games Development (ICT309)	MURDOCH: S1-internal, S1-external	4
Games Software Design (ICT241)	MURDOCH: S1-internal, S1-external	4
Games Software Design (ICT288)	Not available this year	3

Games Software Production (ICT245)	MURDOCH: S2-internal, S2-external	4
Games Software Production (ICT367)	Not available this year	3
Games Technology Project (ICT313)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	4
Honours Thesis in Computer Science (ICT4029)	MURDOCH: S1-internal, S2-internal, Y-internal	12
Honours Thesis in Information Systems (ICT4059)	MURDOCH: S1-internal, S2-internal, Y-internal	12
Human Factors in Information Technology (ICT612)	MURDOCH: S1-internal	3
Human-Computer Interaction (ICT325)	MURDOCH: S1-internal, S1-external	4
Information Security Management (ICT357)	MURDOCH: S2-internal, S2-external KAPLAN-SGP: TJA-internal, TSA-internal SGP1: TJB-internal, TSB-internal	4
Information Security Policy and Governance (ICT380)	Not available this year	3
Information Systems Management (ICT292)	Not available this year	3
Information Systems Research Topic (ICT704)	MURDOCH: S1-internal, S2-internal	3
Information Technology Project (ICT333)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal SGP1: TJB-internal, TMB-internal, TSB-internal	4
Information Technology Project Management (ICT508)	MURDOCH: S1-internal	3
Information Technology Research Dissertation (ICT678)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	12
Information Technology Research Methodologies (ICT477)	MURDOCH: S1-internal	4
Information Technology Research Methods (ICT615)	MURDOCH: S1-internal	3
Information Technology Strategy (ICT622)	MURDOCH: S2-internal	3
Intelligent Systems (ICT219)	MURDOCH: S2-internal, S2-external	4
Intelligent Systems (ICT319)	Not available this year	3
Intelligent Systems Applications (ICT619)	MURDOCH: S2-internal	3
Interaction Design (ICT396)	Not available this year	3
Internet Systems Programming (ICT336)	MURDOCH: S1-internal, S1-external	4
Internet Systems Programming (ICT375)	Not available this year	3
Introduction to 3D Graphics and Animation (ICT101)	MURDOCH: S1-internal, S1-external	3
Introduction to Computer Science (ICT102)	DUBAI-ISC: TJD-internal, TSD-internal	3
Introduction to Data Communications (ICT103)	DUBAI-ISC: TJD-internal, TSD-internal	3
Introduction to Information Systems (ICT158)	MURDOCH: S2-internal, S2-external	3
Introduction to Information Technology (ICT105)	MURDOCH: S1-internal, S1-external, S2-external	3
Introduction to Internet and Mobile Technologies (ICT108)	DUBAI-ISC: TMD-internal	3
Introduction to Server Environments and Architectures (ICT171)	MURDOCH: S1-internal, S1-external	3
IP Telephony (ICT344)	MURDOCH: S2-internal	4
IT Group Project (ICT621)	MURDOCH: S1-internal, S2-internal	6
IT Professional Practice (ICT521)	MURDOCH: S1-internal	3
Knowledge and Information Security (ICT265)	MURDOCH: S2-internal, S2-external KAPLAN-SGP: TJA-internal	4
Knowledge Management (ICT505)	MURDOCH: S1-internal, S1-external	3
Knowledge Management Techniques (ICT256)	MURDOCH: S1-internal, S1-external DUBAI-ISC: TMD-internal KAPLAN-SGP: TJA-internal SGP1: TJB-internal	4
Local Area Network Design and Implementation (ICT546)	MURDOCH: S1-internal	3
Mobile Application Developments (ICT376)	Not available this year	3
Network Design and Implementation (ICT291)	Not available this year	3
Network Security (ICT362)	MURDOCH: S1-internal	4
Network Security (ICT377)	Not available this year	3
Network Switching (ICT363)	MURDOCH: S1-internal	4
Network Switching (ICT609)	MURDOCH: S1-internal	3
Networking Group Project (ICT623)	Not available this year	6

Operating Systems and Systems Programming (ICT310)	MURDOCH: S2-internal, S2-external DUBAI-ISC: TSD-internal KAPLAN-SGP: TSA-internal	4
Operating Systems and Systems Programming (ICT374)	Not available this year	3
Principles of Computer Science (ICT104)	DUBAI-ISC: TJD-internal, TMD-internal	3
Principles of Computer Science (ICT167)	MURDOCH: S2-internal, S2-external	3
Principles of Data Communications (ICT120)	Not available this year	3
Principles of Information Systems (ICT107)	DUBAI-ISC: TJD-internal, TSD-internal	3
Router and Firewall Security (ICT613)	MURDOCH: S1-internal	3
Security Architectures and Systems Administration (ICT379)	Not available this year	3
Software Architectures (ICT306)	MURDOCH: S1-internal, S1-external DUBAI-ISC: TJD-internal, TMD-internal KAPLAN-SGP: TMA-internal	4
Software Architectures (ICT373)	Not available this year	3
Software Development Frameworks (ICT239)	MURDOCH: S1-internal, S1-external	4
Software Development Frameworks (ICT365)	Not available this year	3
Software Engineering (ICT381)	Not available this year	4
Software Quality Management (ICT340)	Not available this year	4
Special Topics in Information Technology (ICT228)	Topic not currently available	4
Special Topics in Information Technology (ICT330)	Topic not currently available	4
Special Topics in Information Technology (ICT560)	Topic not currently available	4
Special Topics in Information Technology (ICT660)	Topic not currently available	3
Systems Analysis and Design (ICT231)	MURDOCH: S1-internal, S1-external DUBAI-ISC: TSD-internal KAPLAN-SGP: TJA-internal, TSA-internal SGP1: TJB-internal, TSB-internal	4
Systems Analysis and Design (ICT284)	Not available this year	3
Virtual Environments for Games and Simulations (ICT312)	MURDOCH: S2-internal, S2-external	4
Virtual Environments for Games and Simulations (ICT398)	Not available this year	3
Web Computing (ICT211)	MURDOCH: S2-internal, S2-external DUBAI-ISC: TSD-internal	4
Web Computing (ICT286)	Not available this year	3
Wireless and Interactive Networks (ICT369)	Not available this year	3
Wireless Data Communications (ICT503)	MURDOCH: S1-internal	3
Wireless Networks (ICT264)	MURDOCH: S2-internal	4

Interactive Digital Design Points

Interaction Design (IDD379)	Not available this year	3
Introduction to Digital Media Skills (IDD129)	MURDOCH: S1-internal	3
Responsive and Adaptive Design (IDD337)	Not available this year	3
Visual Communication (IDD118)	MURDOCH: S2-internal	3
Web Client Project (IDD338)	Not available this year	3

Japanese Points

Japan in the World: Nation, Culture, Image (JPN208)	Not available this year	4
Japanese 1 (JPN101)	MURDOCH: S1-internal	3
Japanese 2 (JPN102)	MURDOCH: S2-internal	3
Japanese 3 (JPN201)	Not available this year	3
Japanese 4 (JPN202)	Not available this year	3
Japanese 5 (JPN203)	Not available this year	3
Japanese 6 (JPN301)	Not available this year	3
Japanese 7 (JPN302)	Not available this year	3
Japanese 8 (JPN303)	Not available this year	3
Japanese Advanced Language Project (JPN652)	MURDOCH: S1-internal	3
Japanese IB (JPN172)	Not available this year	6
Japanese IIA (JPN204)	MURDOCH: S1-internal	4

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Japanese IIB (JPN205)	MURDOCH: S2-internal	4
Japanese IIIA (JPN363)	MURDOCH: S1-internal	4
Japanese IIIB (JPN364)	MURDOCH: S2-internal	4
Japanese Language Project (JPN452)	MURDOCH: S1-internal	4
Love and Sexuality in Japan (JPN206)	MURDOCH: S2-internal, S2-external	4
Postwar Japan (JPN514)	Not available this year	3
Semester in Japan (JPN443)	MURDOCH: S1-internal, S2-internal	12
Semester in Japan (JPN543)	MURDOCH: S1-internal, S2-internal	12

Journalism**Points**

Introduction to Journalism (JOU104)	MURDOCH: S2-internal	3
Media Law and Ethics (JOU245)	Not available this year	3
Newsroom (JOU322)	Not available this year	3
Photo and Video Journalism (JOU267)	Not available this year	3
Politics, Journalism and Society (JOU340)	Not available this year	3
Web News Production (JOU317)	Not available this year	3

Kulbardi Aboriginal Centre**Points**

K-Track (KAC007)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	
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Law Masters**Points**

Chinese Contract and Commercial Law (LLM522)	CITYUHK: S1D-internal	6
Chinese Intellectual Property Laws in the Global Context (LLM574)	CITYUHK: S1D-internal	3
Construction Claims Law (LLM578)	MURDOCH: AW4-internal	4
Construction Law (LLM529)	MURDOCH: UA6-internal	4
Dispute Resolution in the Construction Industry (LLM521)	Not available this year	4
International Law (LLM601)	MURDOCH: S1-internal	3
Introduction to the Chinese Legal System (LLM517)	CITYUHK: S1D-internal	3

Law Undergraduate 'LAW'**Points**

Admiralty Law (LAW355)	Not available this year	4
Advanced Clinical Legal Education (LAW385)	MURDOCH: S1-internal (quota of 20 places), S2-internal (quota of 20 places)	4
Australian Administrative Law (LAW258)	MURDOCH: S1-internal	4
Australian Legal System (LAW150)	Not available this year	3
Celtic Law and Society (LAW236)	Not available this year	4
Civil Procedure (LAW350)	MURDOCH: S1-internal	4
Clinical Legal Education (LAW390)	MURDOCH: S1-internal (quota of 20 places), S2-internal (quota of 20 places)	8
Commercial Law (LAW332)	MURDOCH: S2-internal	4
Comparative Contract Law (LAW349)	Not available this year	4
Conflict of Laws (LAW341)	Not available this year	4
Constitutional Law (LAW259)	MURDOCH: S2-internal	4
Contract (LAW260)	MURDOCH: S1-internal	4
Corporations Law (LAW352)	MURDOCH: S1-internal	4
Criminal Justice (LAW205)	MURDOCH: S1-internal	4
Criminal Law and Procedure (LAW130)	MURDOCH: S2-internal	3
Criminology (LAW206)	MURDOCH: S2-internal	4
Dispute Resolution (LAW321)	MURDOCH: SP23-internal	4
Employment Relations Law (LAW363)	MURDOCH: S1-internal	4
Environmental, Sustainability and Climate Change Law (LAW356)	Not available this year	4
Equity and Trusts (LAW351)	MURDOCH: S2-internal	4
Ethics and Professional Responsibility (LAW368)	MURDOCH: S2-internal	4

Evidence (LAW252)	MURDOCH: S2-internal	4
Family Law (LAW370)	MURDOCH: S2-internal	4
Family Law Clinic (LAW386)	MURDOCH: S1-internal (quota of 6 places), S2-internal (quota of 6 places)	4
Honours Topics in Law (LAW581)	MURDOCH: S1-internal, S2-internal	4
Human Rights Law Clinic (LAW387)	MURDOCH: S1-internal (quota of 6 places), S2-internal (quota of 6 places)	4
Insurance Law (LAW319)	MURDOCH: S2-internal	4
Intellectual Property: Patents and Sui Generis Regimes (LAW379)	Not available this year	4
Intellectual Property: Trade Marks and Copyright (LAW375)	Not available this year	4
Introduction to the European Union and International Labour Market Law (LAW383)	MURDOCH: T1-internal (quota of 50 places)	4
Law in China: Continuity and Change (LAW257)	Not available this year	4
Law Moot (LAW312)	MURDOCH: H-internal (quota of 40 places), S1-internal (quota of 40 places), S2-internal (quota of 40 places)	4
Law of Occupational Health and Safety (LAW372)	Not available this year	4
Law of Planning (LAW367)	MURDOCH: SUM3-internal	4
Law Review (LAW313)	MURDOCH: H-internal (quota of 20 places), Y-internal (quota of 20 places)	4
Legal Protection of International Human Rights (LAW337)	MURDOCH: S1-internal GENEVA: S2G-internal	4
Legal Research Methods for Honours (LAW582)	MURDOCH: S1-internal, S2-internal	4
Legal Theory (LAW301)	MURDOCH: S1-internal	4
Legal Writing for Lawyers (LAW120)	MURDOCH: S1-internal	3
Mediation (LAW307)	MURDOCH: SP18-internal	4
Mining and Natural Resources Law (LAW335)	MURDOCH: S1-internal	4
Moot Court Bench (LAW314)	MURDOCH: H-internal (quota of 12 places), Y-internal (quota of 12 places)	4
Native Title Law (LAW305)	MURDOCH: S2-internal	4
Negotiation (LAW308)	MURDOCH: S2-internal	4
Property (LAW253)	MURDOCH: S1-internal, S2-internal	4
Psychology and Law (LAW309)	MURDOCH: S2-internal	4
Public International Law (LAW365)	MURDOCH: SP18-internal	4
Remedies (LAW358)	MURDOCH: S2-internal	4
Restorative Justice (LAW231)	MURDOCH: S2-internal	4
Sentencing and Penology (LAW320)	MURDOCH: S1-internal	4
Shipping Law (LAW339)	Not available this year	4
Social and Welfare Law (LAW323)	MURDOCH: S2-internal	4
Special Topics in Law (LAW3003)	Topic not currently available	4
Special Topics in Law (LAW3004)	Topic not currently available	4
Special Topics in Law (LAW3005)	Topic not currently available	4
Special Topics in Law (LAW3006)	Topic not currently available	4
Special Topics in Law: Cross Border Business Relations (LAW300)	MURDOCH: T1-internal (quota of 50 places)	4
Special Topics in Law: Oil and Gas Law (LAW3002)	MURDOCH: SUM-internal	4
Succession Law (LAW345)	Not available this year	4
Supervised Legal Research (LAW381)	MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal	4
Torts (LAW152)	MURDOCH: S2-internal	3
Trial Advocacy (LAW328)	MURDOCH: SP23-internal (quota of 30 places)	4
Willem C Vis International Commercial Arbitration Moot (LAW315)	MURDOCH: H-internal (quota of 5 places)	4

Law Undergraduate 'LLB'

Points

Admiralty Law (LLB355)	Not available this year	3
Advanced Civil Procedure (LLB451)	Not available this year	3
Advanced Clinical Legal Education (LLB385)	Not available this year	3
Australian Administrative Law (LLB258)	Not available this year	3
Australian Migration Law (LLB502)	MURDOCH: SP22-internal, UA1-internal	3

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Australian Visa System (LLB503)	MURDOCH: AU10-internal, SP1-internal	3
Celtic Law and Society (LLB296)	Not available this year	3
Civil Procedure (LLB450)	Not available this year	3
Clinical Legal Education (LLB390)	Not available this year	3
Commercial Law (LLB332)	Not available this year	3
Comparative Contract Law (LLB349)	Not available this year	3
Comparative Law (LLB325)	IMACERATA: S2G-internal	3
Conflict of Laws (LLB341)	Not available this year	3
Constitutional Law (LLB259)	Not available this year	3
Contract Law (LLB260)	Not available this year	3
Corporations Law (LLB452)	Not available this year	3
Dispute Resolution (LLB391)	Not available this year	3
Employment Relations Law (LLB363)	Not available this year	3
Environmental, Sustainability and Climate Change Law (LLB356)	Not available this year	3
Equity (LLB351)	Not available this year	3
Ethics and Professional Responsibility (LLB468)	Not available this year	3
European Union Law (LLB342)	IMACERATA: S2G-internal	3
Evidence (LLB352)	Not available this year	3
Family Law (LLB370)	Not available this year	3
Family Law Clinic (LLB386)	Not available this year	3
Honours Thesis in Law (LLB580)	MURDOCH: H-internal, S1-internal, S2-internal, Y-internal	12
Honours Topics in Law (LLB581)	Not available this year	3
Human Rights Law Clinic (LLB387)	Not available this year	3
Insurance Law (LLB319)	Not available this year	3
Intellectual Property: Patents and Sui Generis Regimes (LLB379)	Not available this year	3
Intellectual Property: Trade Marks and Copyright (LLB375)	Not available this year	3
International Human Rights Organisations (LLB376)	GENEVA: S2G-internal	3
International Trade Law (LLB311)	IMACERATA: S2G-internal	3
Introduction to the European Union and International Labour Market Law (LLB383)	Not available this year	3
Law in China: Continuity and Change (LLB257)	Not available this year	3
Law Moot (LLB312)	Not available this year	3
Law of Occupational Health and Safety (LLB372)	Not available this year	3
Law of Planning (LLB367)	Not available this year	3
Law Review (LLB313)	Not available this year	3
Legal Protection of International Human Rights (LLB337)	MURDOCH: S1-internal GENEVA: S2G-internal	3
Legal Research Methods for Honours (LLB582)	Not available this year	3
Mediation (LLB397)	Not available this year	3
Migration Law in Practice (LLB505)	MURDOCH: AU11-internal, SP9-internal	3
Mining and Natural Resources Law (LLB335)	Not available this year	3
Moot Court Bench (LLB314)	Not available this year	3
Native Title Law (LLB305)	Not available this year	3
Negotiation (LLB398)	Not available this year	3
Property Law A (LLB253)	Not available this year	3
Property Law B (LLB254)	Not available this year	3
Psychology and Law (LLB389)	Not available this year	3
Public International Law (LLB365)	Not available this year	3
Refugee Law (LLB327)	GENEVA: S2G-internal	3
Restorative Justice (LLB284)	Not available this year	3
Sentencing and Penology (LLB388)	Not available this year	3
Shipping Law (LLB339)	Not available this year	3
Social and Welfare Law (LLB323)	Not available this year	3
Succession Law (LLB345)	Not available this year	3
Supervised Legal Research (LLB381)	GENEVA: S2G-internal IMACERATA: S2G-internal	3
Trial Advocacy (LLB328)	Not available this year	3

Trusts (LLB353)	Not available this year	3
Visa Compliance, Cancellation and Review (LLB504)	MURDOCH: AU1-internal	3
Willem C Vis International Commercial Arbitration Moot (LLB315)	Not available this year	3

Legal Studies

Points

Advanced Socio-legal Research Methods for Legal Studies (LEG4102)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Celtic Law and Society (LEG236)	Not available this year	4
Celtic Law and Society (LEG296)	Not available this year	3
Criminal Law in Western Australia (LEG201)	Not available this year	3
Criminal Law in Western Australia (LEG219)	MURDOCH: S1-internal	4
Dispute Resolution (LEG321)	MURDOCH: SP23-internal	4
Dispute Resolution (LEG391)	Not available this year	3
Honours Placement in Legal Studies (LEG4101)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Honours Thesis in Legal Studies (LEG4109)	MURDOCH: S1-internal, Y-internal	12
Introduction to Administrative Law (LEG153)	MURDOCH: S2-internal	3
Introduction to Administrative Law (LEG253)	Not available this year	3
Introduction to Legal Studies (LEG150)	MURDOCH: S1-internal	3
Law, Justice and Social Policy (LEG100)	MURDOCH: S2-internal ROCKINGHAM: S1-internal	3
Legal Research (LEG120)	MURDOCH: S1-internal ROCKINGHAM: S2-internal	3
Legal Studies Honours Seminar (LEG430)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Mediation (LEG307)	MURDOCH: SP18-internal	4
Mediation (LEG397)	Not available this year	3
Negotiation (LEG308)	MURDOCH: S2-internal	4
Negotiation (LEG398)	Not available this year	3
Social and Welfare Law (LEG223)	MURDOCH: S2-internal	4
Social and Welfare Law (LEG323)	Not available this year	3
Special Topics in Legal Studies (LEG300)	Topic not currently available	4
Special Topics in Legal Studies (LEG3001)	Topic not currently available	4
Topical Issues in Legal Studies (LEG4103)	MURDOCH: S1-internal, S2-internal, Y-internal	4

Master of Communication Management

Points

Communication Management Research Project (MCM680)	MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal	6
Communication Management: Professional Perspectives (MCM683)	MURDOCH: SUM-internal	6
Communication, Politics and Society (MCM603)	MURDOCH: S2-internal	3
Critical and Ethical Issues in Communication (MCM501)	MURDOCH: S1-internal	3
Global Media: Asia-Pacific Perspectives (MCM682)	MURDOCH: S2-internal	6
People, Corporates and Globalisation (MCM604)	MURDOCH: S2-internal	3
Public Relations, Communication and Culture (MCM605)	MURDOCH: S2-internal	3
Strategic Communication (MCM681)	MURDOCH: S1-internal	6
Web Strategy (MCM502)	MURDOCH: S1-internal	3

Mathematics and Statistics

Points

Applied Mathematics (MAS182)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Applied Statistics and Process Management (MAS223)	Not available this year	3
Applied Statistics and Process Management (MAS284)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	4
Biostatistical Methods (MAS224)	Not available this year	3
Biostatistical Methods (MAS230)	MURDOCH: S2-internal, S2-external	4
Calculus and Matrix Algebra (MAS161)	MURDOCH: S2-internal, S2-external	3
Computational Mathematics (MAS167)	DUBAI-ISC: TMD-internal	3

Students who have successfully completed a unit may not enrol for credit in any subsequent version of that unit, even if under a different code and/or title, nor in any parallel lower- or higher-level version. Students enrolled in a higher-level version of a unit are required to demonstrate advanced analytical skills and/or use of advanced research tools in assignments modified for that level.

Environmental and Biological Modelling (MAS305)	MURDOCH: S1-internal, S1-external	4
Environmental and Biological Modelling (MAS351)	Not available this year	3
Foundations of Discrete Mathematics (MAS162)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Fundamentals of Mathematics (MAS164)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Honours Thesis in Mathematics and Statistics (MAS4019)	MURDOCH: S1-internal, S2-internal	12
Honours Topic in Mathematics and Statistics (MAS4011)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	4
Honours Topic in Mathematics and Statistics (MAS4012)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	4
Honours Topic in Mathematics and Statistics (MAS4013)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	4
Introduction to Statistics (MAS180)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external DUBAI-ISC: TJD-internal, TSD-internal KDUPJ: S1U-internal	3
Mathematical Methods (MAS220)	Not available this year	3
Mathematical Methods (MAS261)	MURDOCH: S1-internal, S1-external	4
Mathematical Modelling (MAS208)	MURDOCH: S2-internal, S2-external	4
Mathematical Modelling (MAS221)	Not available this year	3
Modelling and Simulation (MAS354)	Not available this year	3
Modelling and Simulation (MAS375)	MURDOCH: S2-internal, S2-external	4
Probability and Statistical Inference (MAS222)	Not available this year	3
Probability and Statistical Inference (MAS278)	MURDOCH: S1-internal, S1-external	4
Statistical Data Analysis (MAS183)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Statistical Design and Data Analysis (MAS353)	Not available this year	3
Statistical Design and Data Analysis (MAS374)	MURDOCH: S2-internal, S2-external	4
Time Series and Multivariate Analysis (MAS352)	Not available this year	3
Time Series and Multivariate Analysis (MAS368)	MURDOCH: S1-internal, S1-external	4

Media Communication and Culture

Points

3D Animation (MCC265)	MURDOCH: S2-internal	4
Advanced Media Projects (MCC538)	MURDOCH: S1-internal, S2-internal, Y-internal	12
Advanced Screen Production (MCC302)	MURDOCH: S2-internal (quota of 60 places) DUBAI-ISC: TJD-internal, TSD-internal	4
Advanced Topic in Media Production (MCC5101)	MURDOCH: S1-internal, S2-internal	3
Advanced Topic in Media Production (MCC5102)	MURDOCH: S1-internal, S2-internal	3
Animation (MCC241)	MURDOCH: S1-internal	4
Campaign Management (MCC307)	MURDOCH: S2-internal DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal KDUPJ: S2U-internal SGP1: TMB-internal	4
Children and the Media (MCC321)	Not available this year	4
Communication Projects (MCC316)	MURDOCH: S1-internal, S2-internal	4
Communication Research (MCC213)	MURDOCH: S2-internal, S2-external DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TSA-internal KDUPJ: S2U-internal SGP1: TJB-internal, TSB-internal	4
Cultural and Media Policy (MCC337)	MURDOCH: S1-internal, S1-external KAPLAN-SGP: TMA-internal KDUPJ: S1U-internal SGP1: TMB-internal	4
Digital Video (MCC340)	MURDOCH: S2-internal (quota of 60 places)	4

Documentary (MCC333)	MURDOCH: S1-internal DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TSA-internal KDUPJ: S1U-internal SGP1: TJB-internal, TSB-internal	4
Drawing Studio (MCC273)	MURDOCH: S2-internal	4
Food: Media Culture (MCC284)	Not available this year	4
Games Art (MCC261)	MURDOCH: S1-internal	4
Games Design Studio (MCC375)	MURDOCH: S1-internal	4
Games Project (MCC362)	MURDOCH: S2-internal	4
Honours Seminar in Media Communication and Culture (MCC444)	MURDOCH: S1-internal	4
Honours Thesis in Media Communication and Culture (MCC4209)	MURDOCH: S1-internal, S2-internal	12
Honours Topic in Media Communication and Culture (MCC4201)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Honours Topic in Media Communication and Culture (MCC4202)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Interaction Design (MCC379)	MURDOCH: S1-internal	4
Introduction to Communication and Media (MCC108)	DUBAI-ISC: TJD-internal, TSD-internal	3
Introduction to Journalism (MCC104)	DUBAI-ISC: TMD-internal	3
Introduction to Public Relations (MCC107)	DUBAI-ISC: TMD-internal	3
Introduction to Radio and Sound Production (MCC105)	DUBAI-ISC: TMD-internal	3
Introduction to the Screen (MCC116)	DUBAI-ISC: TMD-internal	3
Investigative Reporting (MCC301)	Not available this year	4
Issues and Crisis Management (MCC345)	MURDOCH: S1-internal DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TSA-internal KDUPJ: S1U-internal SGP1: TJB-internal, TSB-internal	4
Issues in Screen Analysis (MCC358)	Not available this year	4
Journalism Project (MCC549)	MURDOCH: S1-placement, S2-placement, SUM-placement	8
Journalism Project (MCC5491)	MURDOCH: S1-placement, S2-placement, SUM-placement, W-placement	4
Managing Communication (MCC687)	MURDOCH: S2-internal	3
Master of Arts by Coursework Dissertation (MCC650)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	12
Master of Arts by Coursework Project (MCC620)	MURDOCH: H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	4
Masters Coursework Production (MCC651)	MURDOCH: H-internal, S1-internal, S2-internal, Y-internal	12
Masters Topic in Media Production (MCC6101)	MURDOCH: H-internal, S1-internal, S2-internal, SUM-internal, Y-internal	4
Masters Topic in Media Production (MCC6102)	MURDOCH: H-internal, S1-internal, S2-internal, SUM-internal, Y-internal	4
Media and Globalisation (MCC314)	MURDOCH: S2-internal, S2-external KAPLAN-SGP: TMA-internal KDUPJ: S2U-internal SGP1: TMB-internal	4
Media Audiences and the Public (MCC236)	MURDOCH: S1-internal, S1-external DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal KDUPJ: S1U-internal SGP1: TMB-internal	4
Media Law and Ethics (MCC245)	MURDOCH: S1-internal DUBAI-ISC: TMD-internal SGP1: TMB-internal	4
Media Production Seminar (MCC533)	MURDOCH: S1-internal, S2-internal	3
Media Projects (MCC312)	MURDOCH: S1-internal, S2-internal DUBAI-ISC: TMD-internal	4

Media Relations (MCC259)	MURDOCH: S1-internal DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal KDUPJ: S1U-internal SGP1: TMB-internal	4
Multimedia Client Project (MCC338)	MURDOCH: S1-internal	4
Multimedia Studio (MCC339)	MURDOCH: S2-internal	4
Music Technology (MCC268)	MURDOCH: S1-internal (quota of 60 places)	4
Narrating the Nation: Media, Identity, Culture (MCC231)	Not available this year	4
New Media Technologies (MCC315)	MURDOCH: S2-internal, S2-external KAPLAN-SGP: TJA-internal, TSA-internal KDUPJ: S2U-internal SGP1: TJB-internal, TSB-internal	4
Newsroom (MCC323)	MURDOCH: S1-internal, S2-internal DUBAI-ISC: TMD-internal SGP1: TMB-internal	4
People and Globalisation (MCC386)	MURDOCH: S2-internal, S2-external	4
Photo and Video Journalism (MCC267)	MURDOCH: S1-internal (quota of 80 places) DUBAI-ISC: TJD-internal, TSD-internal SGP1: TJB-internal, TSB-internal	4
Photography and Digital Imaging (MCC124)	DUBAI-ISC: TJD-internal, TSD-internal	3
Politics, Journalism and Society (MCC240)	MURDOCH: S2-internal DUBAI-ISC: TJD-internal, TSD-internal SGP1: TJB-internal, TSB-internal	4
Popular Music (MCC274)	MURDOCH: S2-internal	4
Professional Development in Screen Production (MCC201)	MURDOCH: S2-internal (quota of 80 places) DUBAI-ISC: TMD-internal	4
Professional Placement (MCC325)	MURDOCH: S1-placement, S2-placement, SUM-placement, W-placement	4
Professional Placement in Media Production (MCC625)	MURDOCH: S1-placement, S2-placement, SUM-placement, W-placement	3
Public Relations in Society (MCC385)	MURDOCH: S1-internal, S1-external DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TSA-internal KDUPJ: S1U-internal SGP1: TJB-internal, TSB-internal	4
Public Relations: Contemporary Approaches (MCC204)	MURDOCH: S2-internal DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal KDUPJ: S2U-internal SGP1: TMB-internal	4
Radio Presenting and Producing (MCC244)	MURDOCH: S1-internal (quota of 30 places)	4
Screen Production 2 (MCC226)	MURDOCH: S1-internal (quota of 80 places) DUBAI-ISC: TJD-internal, TSD-internal	4
Screen Production I (MCC128)	DUBAI-ISC: TJD-internal, TSD-internal	3
Screen Texts (MCC248)	MURDOCH: S2-internal, S2-external KAPLAN-SGP: TJA-internal, TSA-internal KDUPJ: S2U-internal SGP1: TJB-internal, TSB-internal	4
Screen Texts (MCC2481)	DUBAI-ISC: TJD-internal, TSD-internal	4
Sound Design (MCC376)	MURDOCH: S1-internal	4
Sound Production (MCC214)	MURDOCH: S2-internal (quota of 60 places)	4
Soundtrack (MCC377)	MURDOCH: S2-internal	4
Special Topics in Cultural Studies (MCC570)	Topic not currently available	4
Special Topics in Media (MCC2601)	Topic not currently available	4
Special Topics in Media Production (MCC260)	Topic not currently available	4
Television, Video and Popular Culture (MCC235)	Not available this year	4

Video Game Studies (MCC232)	MURDOCH: S2-internal	4
Web Design (MCC263)	MURDOCH: S1-internal	4
Web Games Design and Production (MCC218)	MURDOCH: S2-internal	4
Web News Production (MCC217)	MURDOCH: S2-internal DUBAI-ISC: TJD-internal, TSD-internal SGP1: TJB-internal, TSB-internal	4
Web Strategy (MCC278)	MURDOCH: S1-internal	4
Writing for the Screen (MCC353)	MURDOCH: S2-internal	4

Midwifery

Points

Clinical Management of Breastfeeding and Human Lactation (MID631)	MURDOCH: S1-internal	3
Critical Perspectives on Breastfeeding and Lactation Consultant Practice (MID632)	MURDOCH: S2-internal	3
Dissertation in Breastfeeding and Human Lactation (MID630)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	12

Nursing

Points

Acute Care 1 (NUR203)	PEEL: S1N-internal	4
Acute Care 2 (NUR205)	PEEL: S2N-internal	4
Advanced Mental Health Nursing (NUR614)	Not available this year	3
Advanced Nursing Clinical Assessment Topic (NUR619)	Not available this year	3
Advanced Nursing Practice (NUR572)	PEEL: S1-external, S2-external	3
Applied Psychology for Nursing Practice (NUR258)	PEEL: S2N-internal	3
Clinical Practice 1: Aged Care (NUR151)	PEEL: W6-placement	1
Clinical Practice 2: Medical/Primary Health/Aged Care/Medical Rehabilitation (NUR155)	PEEL: SS2-placement	1
Clinical Practice 3: Medical/Surgical/Mental Health/Primary Health (NUR257)	PEEL: W6-placement	1
Clinical Practice 4: Medical/Surgical/Mental Health/Paediatrics/Maternity/Primary Health/Community Paediatrics (NUR262)	PEEL: SS2-placement	1
Clinical Practice 5 (NUR366)	PEEL: S2N-placement	3
Clinical Practice 6 (NUR367)	PEEL: S2N-placement	3
Community Neurological Nursing (NUR571)	PEEL: S1-external, S2-external	3
Complex Care (NUR305)	PEEL: S1N-internal	4
Concepts for Neurological Health Management (NUR573)	PEEL: S1-external, S2-external	3
Contemporary Nursing Management of Mental Illness (NUR206)	PEEL: S1N-internal	4
Contemporary Nursing Practice (NUR103)	PEEL: S1N-internal	3
Health Literacy (NUR642)	Not available this year	3
Health Research and Evidence Based Nursing Care (NUR363)	PEEL: S1N-internal	4
Honours Thesis in Nursing (NUR4609)	PEEL: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal	16
Human Structure and Function 1 (NUR149)	PEEL: S1N-internal	3
Human Structure and Function 2 (NUR154)	PEEL: S2N-internal	3
Indigenous Health (NUR152)	PEEL: S2N-internal	3
Introduction to Nursing Practice (NUR100)	PEEL: S1N-internal	3
Maternal, Child and Adolescent Nursing Care (NUR259)	PEEL: S2N-internal	4
Medication Management for Nursing (NUR256)	PEEL: S1N-internal	4
Nursing Health Assessment and Physical Examination (NUR105)	PEEL: S2N-internal	3
Nursing Management of Chronic Illness (NUR364)	PEEL: S1N-internal	4
Nursing Research Writing (NUR461)	PEEL: S1-internal, S2-internal	4
Primary Health Care (NUR153)	PEEL: S2N-internal	3
Professional Issues in Nursing Practice (NUR365)	PEEL: S2N-internal	3

Philosophy

Points

Students who have successfully completed a unit may not enrol for credit in any subsequent version of that unit, even if under a different code and/or title, nor in any parallel lower- or higher-level version. Students enrolled in a higher-level version of a unit are required to demonstrate advanced analytical skills and/or use of advanced research tools in assignments modified for that level.

Aesthetics (PHL315)	Not available this year	3
Ancient Greek Ideas (PHL216)	Not available this year	4
Ancient Greek Ideas (PHL316)	Not available this year	3
Applied and Professional Ethics (PHL210)	Not available this year	3
Critical and Creative Thinking (PHL131)	MURDOCH: S1-internal, S1-external	3
Critical Metaphysics (PHL205)	Not available this year	3
Critical Metaphysics (PHL218)	MURDOCH: S1-internal, S1-external	4
Ethics in Practice (PHL272)	MURDOCH: S2-internal, S2-external	4
Ethics, Responsibility and Justice (PHL219)	MURDOCH: S1-internal, S1-external	4
Existence and Freedom (PHL201)	MURDOCH: S2-internal, S2-external	4
Existence and Freedom (PHL207)	Not available this year	3
Film and Philosophy (PHL214)	MURDOCH: S2-internal, S2-external	4
Honours Dissertation Preliminary (PHL469)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Honours Thesis in Philosophy (PHL4089)	MURDOCH: S1-internal, S2-internal	12
Honours Topic in Philosophy (PHL4081)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Honours Topic in Philosophy (PHL4082)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Introduction to Philosophy (PHL130)	MURDOCH: S2-internal, S2-external	3
Knowledge, Truth and Belief (PHL202)	MURDOCH: S1-internal, S1-external	4
Life, Death and Meaning (PHL277)	Not available this year	4
Life, Death and Meaning (PHL377)	Not available this year	3
Love and Friendship (PHL212)	Not available this year	3
Love and Friendship (PHL215)	Not available this year	4
Meaning and Interpretation (PHL217)	MURDOCH: S2-internal, S2-external	4
Meaning and Interpretation (PHL317)	Not available this year	3
Moral and Political Philosophy (PHL206)	Not available this year	3
Special Topics in Philosophy (PHL283)	Topic not currently available	4
Special Topics in Philosophy (PHL483)	Topic not currently available	4
Theories of Mind (PHL209)	Not available this year	3
Theories of Mind (PHL230)	Not available this year	4

Photography

Points

Advanced Photographic Studio (PHO306)	Not available this year	3
Digital Imaging (PHO101)	MURDOCH: S2-internal (quota of 32 places)	3
Media Projects (PHO312)	Not available this year	3
Photo Documentary (PHO202)	Not available this year	3
Photographic Culture (PHO305)	Not available this year	3
Photography 1 (PHO124)	MURDOCH: S1-internal (quota of 120 places), S2-internal (quota of 120 places) ROCKINGHAM: S1-internal (quota of 15 places)	3
Photography 2 (PHO203)	Not available this year	3
Visual Literacy (PHO204)	Not available this year	3

Physics and Energy Studies

Points

Applications of Nanotechnology (PEN261)	Not available this year	3
Electromagnetism (PEN332)	Not available this year	3
Experimental Physics and Nanotechnology (PEN363)	Not available this year	3
General Physics (PEN120)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Introduction to Energy Studies (PEN190)	MURDOCH: S2-internal, S2-external	3
Modern Physics (PEN231)	Not available this year	3
Physics and Nanotechnology Projects (PEN307)	Not available this year	3
Physics of Materials (PEN317)	Not available this year	3
Principles of Physics (PEN152)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Thermodynamics for Physics and Nanotechnology (PEN202)	Not available this year	3

Physics, Energy Studies and Chemistry

Points

Advanced Topics in Physics and Nanotechnology: Experimental (PEC423)	MURDOCH: S2-internal, S2-external	4
Advanced Topics in Physics and Nanotechnology: Theoretical (PEC430)	MURDOCH: S1-internal, S1-external	4
Applications of Nanotechnology (PEC261)	MURDOCH: S1-internal, S1-external	4
Case Studies of Renewable Energy Systems (PEC620)	MURDOCH: S2-internal, S2-external, Y-external	4
Climate Sensible Home Design (PEC672)	MURDOCH: S2-external	4
Electricity Markets (PEC627)	MURDOCH: S2-internal, S2-external	4
Electromagnetism (PEC232)	MURDOCH: S2-internal, S2-external	4
Energy Economics (PEC393)	MURDOCH: S1-internal, S1-external	4
Energy Economics (PEC593)	MURDOCH: H-external, S1-internal, S1-external	4
Energy Efficiency, System Analysis and Auditing (PEC625)	Not available this year	4
Energy Efficient Buildings (PEC370)	MURDOCH: S1-internal, S1-external	4
Energy Efficient Buildings (PEC670)	MURDOCH: S1-internal, S1-external	4
Energy in Society (PEC292)	MURDOCH: S1-internal, S1-external, S2-external	4
Energy in Society (PEC592)	MURDOCH: S1-internal, S1-external, S2-external, Y-external KAPLAN-SGP: TJA-internal	4
Energy Management (PEC294)	MURDOCH: S1-internal, S1-external, S2-external	4
Energy Management (PEC594)	MURDOCH: S1-internal, S1-external, S2-external, Y-external	4
Energy Policy (PEC391)	MURDOCH: S2-internal, S2-external	4
Energy Policy (PEC591)	MURDOCH: S2-internal, S2-external, Y-external	4
Energy Studies Project (PEC396)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-external	4
Energy Studies Project (PEC596)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-external	4
Energy Systems (PEC390)	MURDOCH: S2-internal, S2-external	4
Energy Systems (PEC590)	MURDOCH: S2-internal, S2-external, Y-external	4
Environmental Architecture Dissertation (PEC673)	MURDOCH: Y-internal, Y-external	8
Environmental Building Services (PEC375)	MURDOCH: S2-internal, S2-external	4
Environmental Building Services (PEC675)	MURDOCH: S2-internal, S2-external	4
Experimental Physics and Nanotechnology (PEC363)	MURDOCH: S2-internal, S2-external	4
Greenhouse Accounting and Life Cycle Assessment (PEC311)	MURDOCH: S2-internal, S2-external	4
Greenhouse Accounting and Life Cycle Assessment (PEC611)	MURDOCH: S2-internal, S2-external	4
Greenhouse Science and Policy (PEC332)	MURDOCH: S1-internal, S1-external	4
Greenhouse Science and Policy (PEC632)	MURDOCH: H-external, S1-internal, S1-external	4
Greenhouse Science and Policy (PEC662)	Not available this year	3
Honours Thesis in Physics and Nanotechnology (PEC4089)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	16
Industrial and Commercial Energy Efficiency Technologies (PEC626)	Not available this year	4
Innovation Management (PEC374)	MURDOCH: S2-internal, S2-external	4
Innovation Management (PEC674)	MURDOCH: S2-internal, S2-external	4
Modern Physics (PEC231)	MURDOCH: S1-internal, S1-external	4
Physical Sciences Internship (PEC310)	MURDOCH: S1-internal, S2-internal, Y-internal	12
Physics and Nanotechnology Projects (PEC307)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Physics of Materials (PEC317)	MURDOCH: S2-internal, S2-external	4
Renewable Energy and Sustainable Development (PEC287)	MURDOCH: S2-internal, S2-external	4
Renewable Energy and Sustainable Development (PEC587)	MURDOCH: S2-internal, S2-external, Y-external	4
Renewable Energy Devices (PEC621)	MURDOCH: S1-internal, S1-external	4
Renewable Energy Dissertation (PEC624)	MURDOCH: H-internal, H-external, Y-internal, Y-external	8
Renewable Energy Resources (PEC622)	MURDOCH: S1-internal, S1-external	4
Renewable Energy Systems Design (PEC623)	MURDOCH: S2-internal, S2-external, Y-external	4
Solar Architecture and Health in Buildings (PEC671)	MURDOCH: S2-external	4
Special Topics in Energy Studies (PEC297)	Topic not currently available	4
Special Topics in Energy Studies (PEC597)	Topic not currently available	4
Thermodynamics for Physics and Nanotechnology (PEC302)	MURDOCH: S1-internal, S1-external	4

Politics and International Studies

Points

Students who have successfully completed a unit may not enrol for credit in any subsequent version of that unit, even if under a different code and/or title, nor in any parallel lower- or higher-level version. Students enrolled in a higher-level version of a unit are required to demonstrate advanced analytical skills and/or use of advanced research tools in assignments modified for that level.

Advanced Honours Seminar in Politics (POL468)	MURDOCH: S1-internal	4
Advanced Honours Topic in Politics and International Studies (POL4071)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Asia-Pacific in the Global System (POL161)	MURDOCH: S1-internal, S1-external	3
Australian Foreign and Security Policy (POL239)	MURDOCH: S1-internal, S1-external	4
Australian Foreign and Security Policy (POL344)	Not available this year	3
Controversies in Australian Politics (POL217)	MURDOCH: S2-internal, S2-external	4
Controversies in Australian Politics (POL227)	Not available this year	3
Democracy and Political Change (POL257)	MURDOCH: S2-internal, S2-external	4
Environmental Politics (POL285)	Not available this year	4
Environmental Politics (POL385)	Not available this year	3
Governance and Politics in the 21st Century (POL341)	Not available this year	3
Government Agencies in a Changing World (POL250)	MURDOCH: S1-internal, S1-external	4
Government Agencies in a Changing World (POL343)	Not available this year	3
Honours Thesis in Politics and International Studies (POL4079)	MURDOCH: S1-internal, S2-internal	12
Honours Thesis in Security, Terrorism and Counterterrorism Studies (POL4019)	MURDOCH: S1-internal, S2-internal	12
International Political Economy (POL298)	Not available this year	3
International Political Economy (POL299)	MURDOCH: S1-internal, S1-external	4
International Politics (POL224)	Not available this year	3
International Security Studies (POL291)	MURDOCH: S2-internal, S2-external	4
International Security Studies (POL345)	Not available this year	3
Introduction to Politics (POL133)	MURDOCH: S2-internal, S2-external	3
Mediated Politics (POL221)	Not available this year	4
Mediated Politics (POL231)	Not available this year	3
Parliamentary and Public Sector Internship (POL322)	MURDOCH: S2-internal	8
Parliamentary and Public Sector Internship (POL340)	Not available this year	6
Perspectives on Security and Terrorism (POL192)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S2-internal	3
Political Philosophy for Fun and Profit (POL223)	MURDOCH: S1-internal, S1-external	4
Political Philosophy for Fun and Profit (POL342)	Not available this year	3
Politics and Security in North-East Asia (POL212)	MURDOCH: S2-internal, S2-external	4
Politics and Security in North-East Asia (POL312)	Not available this year	3
Politics and Security in South Asia (POL218)	MURDOCH: S1-internal, S1-external	4
Politics and Security in South Asia (POL237)	Not available this year	3
Politics and Security in South-East Asia: Terrorists, Gangsters and the State (POL213)	MURDOCH: S2-internal, S2-external	4
Politics and Security in South-East Asia: Terrorists, Gangsters and the State (POL338)	Not available this year	3
Public Policy Analysis (POL246)	Not available this year	3
Public Policy Analysis (POL330)	MURDOCH: S2-internal, S2-external KAPLAN-SGP: TMA-internal	4
Security and Terrorism in India (POL314)	Not available this year	4
Sex and Gender Matters (POL216)	MURDOCH: S2-internal, S2-external	4
Sex and Gender Matters (POL226)	Not available this year	3
Special Topics in Politics and International Studies (POL219)	Topic not currently available	4
Special Topics in Politics and International Studies (POL2191)	Topic not currently available	4
Special Topics in Politics and International Studies (POL419)	Topic not currently available	4
Special Topics in Public Policy and Management: Parliamentary Studies (POL604)	Topic not currently available	4
States and Nationalisms (POL260)	MURDOCH: S2-internal, S2-external	4
Terrorism in a Globalised World (POL234)	Not available this year	3
Terrorism in a Globalised World (POL293)	MURDOCH: S1-internal, S1-external	4
The European Union in the New Millennium: Challenges of Integration (POL225)	Not available this year	4
The European Union in the New Millennium: Challenges of Integration (POL325)	Not available this year	3

US Policies and Global Security (POL211)	MURDOCH: S1-internal, S1-external	4
US Policies and Global Security (POL236)	Not available this year	3

Psychology

Points

Advanced Psychological Assessment (PSY598)	MURDOCH: S1-internal	3
Applied Psychology Dissertation (PSY600)	MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal	12
Applied Psychology Dissertation (PSY690)	MURDOCH: S1-internal, S2-internal, Y-internal	10
BA Honours Thesis in Psychology (PSY5078)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, W-internal, W-external, Y-internal, Y-external	15
BPsych Practical Placements (PSY444)	MURDOCH: S1-placement (quota of 40 places), S2-placement (quota of 40 places)	4
BSc Honours Thesis in Psychology (PSY5099)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, W-internal, W-external, Y-internal, Y-external	15
Clinical Psychology: Developmental Disabilities (PSY567)	MURDOCH: S2-internal	3
Clinical Psychology: External Practicum (PSY604)	MURDOCH: S1-placement, S2-placement, SUM-placement, Y-placement	12
Clinical Psychology: Internal Practicum (Adult) (PSY538)	MURDOCH: SUM-placement, Y-placement	3
Clinical Psychology: Internal Practicum (Child, Youth and Family) (PSY537)	MURDOCH: SUM-placement, Y-placement	3
Clinical Psychology: Working with Adults (PSY565)	MURDOCH: S1-internal	3
Clinical Psychology: Working with Children and Families (PSY564)	MURDOCH: S1-internal	3
Clinical Psychology: Working with Health Problems (PSY502)	MURDOCH: S2-internal	3
Counselling: Case Study (PSY677)	MURDOCH: S2-internal	4
Counselling: Research Project (PSY620)	MURDOCH: H-internal, S1-internal, S2-internal, SUM-internal, Y-internal	12
Doctor of Psychology (Clinical): Practicum I (PSY703)	MURDOCH: S1-placement, S2-placement, SUM-placement, Y-placement	6
Doctor of Psychology (Clinical): Practicum II (PSY704)	MURDOCH: S1-placement, S2-placement, SUM-placement, Y-placement	6
Doctor of Psychology (Organisational): Practicum I (PSY701)	MURDOCH: S1-internal, S2-internal, Y-internal	6
Doctor of Psychology (Organisational): Practicum II (PSY702)	MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal	6
Doctor of Psychology Thesis (PSY700)	MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal	48
Graduate Seminar in Psychology (PSY599)	MURDOCH: S1-internal	3
Honours Thesis in Psychology (PSY4039)	MURDOCH: S1-internal, S2-internal	12
Human Resources (PSY568)	MURDOCH: S1-external	3
Introduction to Applications of Psychology (PSY171)	KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal	3
Introduction to Cultural and Community Psychology (PSY101)	MURDOCH: S1-internal	3
Introduction to Psychological Health and Wellbeing (PSY172)	MURDOCH: S2-internal ROCKINGHAM: S2-internal	3
Introduction to Psychological Research Methods (PSY173)	MURDOCH: S2-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal	3
Introduction to Psychological Science (PSY141)	MURDOCH: S1-internal, S2-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal	3
Organisation of Work (PSY552)	MURDOCH: S2-external	3
Organisational Psychology: Practicum I (PSY570)	MURDOCH: S2-internal	3
Organisational Psychology: Practicum II (PSY603)	MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal	12
Professional Practice and Organisational Consulting (PSY563)	MURDOCH: S1-external	3
Psychological Assessment: Theory and Method (PSY562)	MURDOCH: Y-internal	3
Psychology Project (PSY541)	MURDOCH: H-internal, Y-internal	12

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Psychology: Abnormal Behaviour (PSY213)	MURDOCH: S1-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal	4
Psychology: Abnormal Behaviour (PSY288)	Not available this year	3
Psychology: Advanced Qualitative Research Methods (PSY315)	MURDOCH: S2-internal (closed)	4
Psychology: Advanced Qualitative Research Methods (PSY391)	Not available this year	3
Psychology: Advanced Quantitative Research Methods (PSY311)	MURDOCH: S1-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal	4
Psychology: Advanced Thesis Research Methods (PSY655)	MURDOCH: Y-internal	2
Psychology: Advanced Thesis Research Methods (PSY755)	MURDOCH: Y-internal	0
Psychology: Biological Bases of Behaviour (PSY251)	Not available this year	3
Psychology: Biological Bases of Behaviour (PSY351)	MURDOCH: S1-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal	4
Psychology: Cognitive and Developmental Neuroscience (PSY396)	Not available this year	3
Psychology: Cognitive Processes (PSY353)	MURDOCH: S2-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal	4
Psychology: Cognitive Processes (PSY394)	Not available this year	3
Psychology: Conceptual Issues in Psychology (PSY432)	Not available this year	4
Psychology: Culture and Community (PSY246)	Not available this year	4
Psychology: Drugs and Dependence (PSY215)	MURDOCH: S1-internal	4
Psychology: Drugs and Dependence (PSY289)	Not available this year	3
Psychology: Family Relations and Social Development (PSY356)	MURDOCH: S1-internal	4
Psychology: Family Relations and Social Development (PSY392)	Not available this year	3
Psychology: Fourth Year Project (PSY441)	MURDOCH: H-internal, Y-internal	8
Psychology: Fourth Year Seminar (PSY412)	MURDOCH: S1-internal	4
Psychology: Honours Seminar (PSY501)	MURDOCH: S1-internal	3
Psychology: Human Development (PSY247)	MURDOCH: S1-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal	4
Psychology: Human Development (PSY286)	Not available this year	3
Psychology: Industrial and Organisational Issues (PSY434)	MURDOCH: S2-internal	4
Psychology: Measurement, Design and Analysis (PSY212)	MURDOCH: S2-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal	4
Psychology: Practical Placement (PSY544)	MURDOCH: S1-placement (quota of 40 places), S2-placement (quota of 40 places)	3
Psychology: Principles and Processes of Interventions (PSY436)	MURDOCH: S2-internal	4
Psychology: Principles and Processes of Psychological Intervention (PSY536)	MURDOCH: S2-internal	3
Psychology: Principles of Psychological Assessment (PSY431)	MURDOCH: S1-internal	4
Psychology: Psychological Research Placement (PSY380)	MURDOCH: S1-placement, S2-placement, Y-placement	4
Psychology: Research Topics in Psychology (PSY250)	Not available this year	4
Psychology: Safety, Errors and Accidents (PSY357)	MURDOCH: S2-internal KAPLAN-SGP: TJA-internal, TSA-internal	4
Psychology: Self and Society (PSY218)	MURDOCH: S1-internal	4
Psychology: Self and Society (PSY287)	Not available this year	3
Psychology: Sensation and Perception (PSY358)	MURDOCH: S2-internal	4
Psychology: Sensation and Perception (PSY397)	Not available this year	3
Psychology: Social Bases of Behaviour (PSY248)	MURDOCH: S2-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal	4
Psychology: Social Bases of Behaviour (PSY285)	Not available this year	3
Psychology: The Developing Mind (PSY249)	MURDOCH: S2-internal	4
Psychology: The Developing Mind (PSY393)	Not available this year	3
Psychology: Work and Organisations (PSY217)	MURDOCH: S1-internal KAPLAN-SGP: TMA-internal	4
Psychotherapy in Practice (PSY569)	MURDOCH: Y-internal	3
Research Studies -- Psychology (PSY920)	MURDOCH: R1-internal, R2-internal, RAU-internal	12
Special Topics in Applied Psychology (PSY508)	Topic not currently available	3
Special Topics in Psychology (PSY252)	Topic not currently available	4
Work and Well-being (PSY512)	MURDOCH: S2-external	3

Public Relations

Points

Campaign Management (PRO307)	Not available this year	3
Introduction to Public Relations (PRO107)	MURDOCH: S1-internal, S1-external	3
Introduction to Social Media (PRO101)	MURDOCH: S2-internal	3
Issues and Crisis Management (PRO345)	Not available this year	3
Media Relations (PRO259)	Not available this year	3
Public Relations in Society (PRO285)	Not available this year	3
Public Relations Project (PRO302)	Not available this year	3
Public Relations Strategy (PRO204)	Not available this year	3

Radio Points

Communication Projects (RAD316)	Not available this year	3
Creative Radio (RAD301)	MURDOCH: S1-internal (quota of 45 places)	3
Introduction to Radio (RAD105)	MURDOCH: S2-internal (quota of 80 places)	3
Popular Music (RAD274)	Not available this year	3
Radio Presenting and Producing (RAD244)	Not available this year	3

Religion Points

Approaches to the Study of Religion (REL202)	Not available this year	3
Biblical Hebrew I (REL207)	Not available this year	3
Biblical Hebrew II (REL208)	Not available this year	3
Death and the Afterlife in Ancient Egypt and Mesopotamia (REL203)	Not available this year	3
Introduction to the Bible (REL204)	Not available this year	3
Mysteries, Magic, and Myths (REL205)	Not available this year	3
New Testament Greek I (REL209)	MURDOCH: S1-internal, S1-external	3
New Testament Greek II (REL210)	MURDOCH: S2-internal, S2-external	3
Seminar in the Study of Religion (REL311)	Not available this year	3
Wisdom from the Ancient Near East (REL312)	Not available this year	3
World Religions (REL101)	MURDOCH: S2-internal, S2-external	3
World Religions in Historical Encounter (REL306)	Not available this year	3

School of Arts Points

Advanced Social Science Research Methods (ART604)	MURDOCH: S1-internal, S1-external	3
In-Country Studies Indonesia (ART307)	Not available this year	6
In-Country Studies Indonesia (ART3071)	Not available this year	12
In-Country Studies Indonesia (ART607)	MURDOCH: SUM-internal	6
In-Country Studies Indonesia (ART6071)	Not available this year	12
Masters by Coursework Research Dissertation (ART610)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	12
Masters by Coursework Research Project (ART640)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external	3
Masters by Coursework Research Project (ART6401)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external	6
Masters by Coursework Research Project (ART6402)	Not available this year	9
Professional Placement (ART325)	Not available this year	3
Research Methods in Social Sciences and Humanities (ART404)	MURDOCH: S1-internal, S1-external	4

School of Health Professions Points

Applied Health Research Methods: From Research to Practice (SHP632)	MURDOCH: S1-external, S2-external	3
Applied Health Services Project (SHP603)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	6

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Bioethics and Law for Health Care Leadership (SHP510)	MURDOCH: S1-external, S2-external	3
Financial Management in Health Care (SHP639)	MURDOCH: S1-external	3
Health Care Education (SHP638)	Not available this year	3
Health Policy (SHP541)	MURDOCH: S1-external, S2-external	3
Health Services Project (SHP640)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	6
Human Factors: The Impact on Patient Safety (SHP602)	MURDOCH: S2-external	3
Internship (SHP648)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	6
Managing in a Health Care Environment (SHP612)	MURDOCH: S1-external	3
Quality and Safety in Health Care (SHP501)	MURDOCH: S1-external, S2-external	3
Reflective Practice in Health Management (SHP604)	MURDOCH: S2-external	3
Strategic Leadership in Health Care (SHP511)	MURDOCH: S1-external, S2-external	3

Screen Production

Points

Advanced Screen Production (SCR320)	Not available this year	3
Advanced Topic in Media Production (SCR510)	MURDOCH: S1-internal, S2-internal	3
Alternative Screens (SCR303)	Not available this year	3
Documentary (SCR300)	Not available this year	3
Documentary Production (SCR304)	Not available this year	3
Film and Philosophy (SCR202)	Not available this year	3
Introduction to the Screen (SCR100)	MURDOCH: S2-internal, S2-external	3
Professional Craft Development (SCR312)	Not available this year	3
Professional Development (SCR222)	Not available this year	3
Screen Production 1 (SCR101)	MURDOCH: S1-internal (quota of 102 places), S2-internal (quota of 102 places)	3
Screen Production 2 (SCR201)	Not available this year	3
Screen Texts (SCR348)	Not available this year	3
Writing for the Screen (SCR200)	Not available this year	3

Sir Walter Murdoch School

Points

Advanced Policy Case Study (SWM620)	MURDOCH: S1-internal, S2-internal, W-internal	3
Australian Public Sector (SWM510)	Not available this year	3
Contemporary Dynamics in Asian International Affairs (SWM623)	MURDOCH: S1-internal	3
Counterterrorism Policy (SWM627)	MURDOCH: S1-internal	3
Development and Change (SWM631)	MURDOCH: S2-internal	3
Development and Sustainability (SWM628)	MURDOCH: S2-internal	3
E-Politics: the Internet and the Future of Power (SWM641)	MURDOCH: S1-internal	3
Ethical Challenges of Contemporary Societies (SWM621)	MURDOCH: S2-internal	3
Gender and Development (SWM637)	MURDOCH: S1-internal	3
Global Governance and International Institutions (SWM636)	MURDOCH: S2-internal	3
Global Trade Policy (SWM624)	Not available this year	3
International History (SWM633)	MURDOCH: S1-internal	3
International Political Economy (SWM632)	MURDOCH: S2-internal	3
International Relations Theories (SWM634)	MURDOCH: S1-internal	3
International Security and Strategy (SWM635)	MURDOCH: S2-internal	3
Islamic Politics and Development (SWM642)	MURDOCH: S2-internal	3
Network Governance (SWM622)	MURDOCH: S1-internal	3
Policy Design (SWM614)	MURDOCH: S2-internal	3
Policy Research and Evaluation (SWM516)	MURDOCH: S1-internal	3
Political Violence (SWM643)	MURDOCH: S2-internal	3
Politics, States and Development (SWM530)	MURDOCH: S1-internal	3
Public Policy and International Affairs Foundations (SWM644)	MURDOCH: S1-internal	3
Public Policy: Theory and Practice (SWM509)	MURDOCH: S1-internal	3
Public Sector Economics (SWM645)	MURDOCH: S2-internal	3
Public Sector Management (SWM515)	MURDOCH: S1-internal	3

Research Internship (SWM619)	MURDOCH: S1-internal, S2-internal	6
Social Policy for the Contemporary World (SWM626)	Not available this year	3
Social Science Research Design (SWM618)	MURDOCH: S1-internal	3
Special Topics in Development Studies (SWM640)	Topic not currently available	3
Special Topics in International Affairs (SWM650)	Topic not currently available	3
Special Topics in Public Policy and Management (SWM660)	Topic not currently available	3
States and Governance in Development (SWM625)	Not available this year	3
Supervised Research Thesis (SWM617)	MURDOCH: S1-internal, S2-internal	6
Supervised Research Thesis (SWM6171)	MURDOCH: S1-internal, S2-internal	9
Sustainability and 'The Good Life' (SWM638)	MURDOCH: S2-internal	3
Theories of Development (SWM511)	MURDOCH: S1-internal	3
Working in Development (SWM512)	MURDOCH: W-internal	3

Social Sciences and Humanities

Points

Events Internship (SSH302)	ROCKINGHAM: S2-internal	8
Global Engagement (SSH208)	MURDOCH: ASP2-internal, H1-internal	4
Ideas in Action (SSH100)	Not available this year	3
In-Country Studies Indonesia (SSH307)	MURDOCH: SUM-internal	8

Sociology

Points

Australian Youth Culture (SOC203)	Not available this year	3
Australian Youth Culture (SOC230)	MURDOCH: S2-internal, S2-external	4
Classical Sociological Theory (SOC304)	Not available this year	3
Ethnic Conflict and Ethnic Diversity (SOC201)	Not available this year	3
Health and Society (SOC213)	MURDOCH: S1-internal, S1-external	4
Health and Society (SOC313)	Not available this year	3
Honours Thesis in Sociology (SOC4069)	MURDOCH: S1-internal, S2-internal	12
Honours Topic in Sociology (SOC4061)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Honours Topic in Sociology (SOC4062)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Introduction to Sociology (SOC134)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S2-internal	3
Power, Security and Modern Life (SOC296)	MURDOCH: S2-internal, S2-external	4
Power, Security and Modern Life (SOC396)	Not available this year	3
Social Research Methods (SOC222)	MURDOCH: S1-internal, S1-external	4
Sociology and Everyday Life (SOC205)	Not available this year	3
Sociology of Law (SOC202)	Not available this year	3
Sociology of Law (SOC262)	MURDOCH: S2-internal, S2-external	4
Special Topics in Sociology (SOC272)	Topic not currently available	4

Sound

Points

Introduction to Audio Production (SOU101)	MURDOCH: S2-internal (quota of 90 places)	3
Introduction to Sound Studies (SOU169)	MURDOCH: S1-internal	3
Music Technology (SOU268)	Not available this year	3
Sound Design (SOU376)	Not available this year	3
Sound Production (SOU214)	Not available this year	3
Sound Projects (SOU378)	Not available this year	3
Soundtrack (SOU377)	Not available this year	3

Sustainability

Points

Approaches to Sustainable Development (SUS200)	Not available this year	3
Cities and Innovation (SUS208)	Not available this year	3
Cities and Innovation (SUS330)	MURDOCH: S2-internal, S2-external	4
Cities and Sustainability (SUS300)	MURDOCH: S1-internal, S1-external	4
Cities and Sustainability (SUS310)	Not available this year	3

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Cities and Sustainability (SUS523)	MURDOCH: S1-internal, S1-external	3
Creative Communities (SUS530)	MURDOCH: S2-internal, S2-external	3
Disaster Relief and Preparedness (SUS205)	Not available this year	4
Disasters and Risk Management (SUS633)	MURDOCH: S2-internal	3
Economics and Sustainability (SUS202)	MURDOCH: W-internal, W-external	4
Economics and Sustainability (SUS305)	Not available this year	3
Honours Thesis in Sustainable Development (SUS401)	MURDOCH: S1-internal, S2-internal	12
Honours Topic in Sustainable Development (SUS400)	MURDOCH: S1-internal, S2-internal, Y-internal	8
International Aid and Development (SUS309)	Not available this year	3
Introduction to Sustainability Ethics and Values (SUS101)	MURDOCH: S2-internal, S2-external	3
Introduction to Sustainable Development (SUS100)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Overseas Aid and International Development (SUS204)	MURDOCH: S1-internal, S1-external	4
Overseas Aid and International Development (SUS207)	Not available this year	3
Overseas Aid and International Development (SUS504)	Not available this year	3
Resilient Regions: People and Practice (SUS302)	MURDOCH: SUM-internal	4
Resilient Regions: People and Practice (SUS611)	MURDOCH: SUM-internal	3
Special Topics in Sustainability (SUS250)	Topic not currently available	3
Special Topics in Sustainability (SUS601)	Topic not currently available	3
Special Topics in Sustainable Development (SUS240)	Topic not currently available	4
Special Topics in Sustainable Development (SUS640)	Topic not currently available	3
Sustainability Ethics (SUS206)	MURDOCH: S2-internal, S2-external	4
Sustainability, Ecology and Communities (SUS201)	MURDOCH: S1-internal, S1-external	4
Sustainability, Ecology and Communities (SUS203)	Not available this year	3
Sustainability, Ecology and Communities (SUS512)	MURDOCH: S1-internal, S1-external	3
Sustainable Communities and 'The Good Life' (SUS670)	MURDOCH: S2-internal, S2-external	3
Sustainable Development (SUS301)	Not available this year	3
Sustainable Development Internship Project (SUS532)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external	6
Sustainable Development Internship/Project (SUS332)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external	8
Sustainable Development Internship/Project (SUS3321)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external	4
Working in Aid and Development (SUS306)	MURDOCH: W-internal	4
Working in Aid and Development (SUS313)	Not available this year	3

Teaching and Learning

Points

Academic Communication and Critical Literacy (TLC220)	MURDOCH: S1-internal, S1-external	4
From University to Workplace (TLC277)	MURDOCH: S2-internal	4
From University to Workplace (TLC2771)	MURDOCH: S2-internal (closed)	3
Introduction to University Learning (TLC120)	MURDOCH: S1F-internal, S1F-external, S2K-internal, S2K-external, SUM-external ROCKINGHAM: S1F-internal, S2K-internal	3
Rocket Science: Academic Skills for Science Students (TLC123)	MURDOCH: S1F-internal, S2K-internal	3
Writing Academic English (TLC121)	MURDOCH: S1-internal, S2-internal	3

Theology

Points

Advanced Biblical Interpretation Seminar (THE617)	MURDOCH: S2-internal, S2-external	3
Advanced New Testament Exegesis (THE477)	MURDOCH: S2-external	4
Advanced Old Testament Exegesis (THE498)	MURDOCH: S2-external	4
Apologetics (THE614)	Not available this year	3
Australian Church History (THE497)	MURDOCH: S1-external	4
Australian Church History (THE597)	Not available this year	4

Biblical Hebrew I (THE101)	Not available this year	3
Biblical Hebrew II (THE201)	Not available this year	4
Britain and the Reformation Era (THE623)	MURDOCH: S1-internal, S1-external	3
Chaplaincy in Theory and Practice (THE513)	MURDOCH: S2-internal, S2-external	3
Christian Ethics (THE267)	Not available this year	4
Christianity in Asia (THE489)	Not available this year	4
Christianity in Asia (THE589)	Not available this year	4
Christology (THE258)	MURDOCH: S2-external	4
Christology (THE625)	MURDOCH: S1-internal, S1-external	3
Church, Ministry and Sacraments (THE263)	Not available this year	4
Church, Ministry and Sacraments (THE663)	MURDOCH: S2-internal, S2-external	3
Education in a Faith Community (THE276)	Not available this year	4
Emerging Christian Theology: The Creeds (100-500 CE) (THE510)	MURDOCH: S2-internal, S2-external	3
Ethics (THE624)	Not available this year	3
Globalisation of Modern Christianity (THE622)	Not available this year	3
Health and Religion (THE283)	Not available this year	4
Health and Religion (THE483)	Not available this year	4
Hermeneutics (THE281)	Not available this year	4
Hermeneutics (THE481)	Not available this year	4
History of the Christian Church I: Early to Medieval (THE285)	MURDOCH: S2-external	4
History of the Church II: Reformation to Modern (THE286)	Not available this year	4
Homiletics (THE491)	MURDOCH: S2-external	4
Homiletics (THE591)	MURDOCH: S2-external	4
Homiletics (THE618)	MURDOCH: S2-internal, S2-external	3
Introduction to the New Testament (THE507)	MURDOCH: S2-internal, S2-external	3
Introduction to the Old Testament (THE506)	MURDOCH: S1-internal, S1-external	3
Jesus and the Gospels (THE287)	Not available this year	4
Life and Literature of Ancient Israel (THE100)	Not available this year	3
Master of Ministry Project (THE583)	MURDOCH: H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	8
Master of Ministry Project (THE5831)	MURDOCH: H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	4
Missiology (THE616)	Not available this year	3
New Testament and its World (THE102)	Not available this year	3
New Testament Exegesis (THE621)	MURDOCH: S1-internal, S1-external	3
New Testament Greek I (THE103)	Not available this year	3
New Testament Greek II (THE203)	Not available this year	4
Old Testament Exegesis (THE284)	MURDOCH: S1-external	4
Old Testament Exegesis (THE620)	MURDOCH: S2-internal, S2-external	3
Pastoral Care (THE245)	Not available this year	4
Pastoral Care (THE645)	Not available this year	3
Pastoral Practicum (THE512)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Pastoral Practicum I (THE237)	MURDOCH: S1-external, S2-external	4
Pastoral Practicum II (THE437)	MURDOCH: S1-external, S2-external	4
Paul and Early Christian Writings (THE240)	MURDOCH: S1-external	4
Science and Religion (THE280)	Not available this year	4
Science and Religion (THE480)	Not available this year	4
Special Topics in Theology (THE204)	Topic not currently available	4
Special Topics in Theology (THE274)	Topic not currently available	4
Special Topics in Theology (THE473)	Topic not currently available	4
Spirituality (THE528)	MURDOCH: S1-internal, S1-external	3
Spirituality (THE538)	Not available this year	4
Spirituality Studies (THE438)	Not available this year	4
Systematic Theology Seminar (THE490)	Not available this year	4
Systematic Theology Seminar (THE590)	Not available this year	4
Teaching Religion in Schools (THE246)	Not available this year	4

Teaching Religion in Schools (THE511)	Not available this year	3
Thinking Theology (THE107)	Not available this year	3
Thinking Theology (THE505)	MURDOCH: S1-internal, S1-external	3
Triune God (THE429)	MURDOCH: S1-external	4
Triune God (THE619)	Not available this year	3
Turning Points in Church History (THE509)	MURDOCH: S2-internal, S2-external	3
World Religions (THE282)	Not available this year	4
Worship and Liturgy (THE288)	MURDOCH: S1-external	4
Worship and Liturgy (THE615)	MURDOCH: S1-internal, S1-external	3

Tourism

Points

Cultural Tourism Interpretation (TOU210)	Not available this year	4
Cultural Tourism Interpretation (TOU230)	Not available this year	3
Destination Management (TOU303)	MURDOCH: S2-internal KAPLAN-SGP: TMA-internal SGP1: TMB-internal	4
Destination Management (TOU323)	Not available this year	3
Events Internship (TOU305)	Not available this year	6
Events, Policy and Evaluation (TOU304)	MURDOCH: S1-internal, S1-external KAPLAN-SGP: TJA-internal, TSA-internal	4
Events, Policy and Evaluation (TOU324)	Not available this year	3
Festivals and Events (TOU212)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal KAPLAN-SGP: TMA-internal	4
Festivals and Events (TOU232)	Not available this year	3
Honours Thesis in Tourism (TOU4019)	MURDOCH: S1-internal, S2-internal	12
Honours Topic in Tourism (TOU4011)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Honours Topic in Tourism (TOU4012)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Indigenous Tourism Issues (TOU211)	MURDOCH: S2-internal, S2-external	4
Indigenous Tourism Issues (TOU231)	Not available this year	3
Introduction to Tourism Systems (TOU101)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal	3
Special Topics in Tourism (TOU228)	Topic not currently available	4
Sustainable Tourism (TOU201)	MURDOCH: S1-internal, S1-external KAPLAN-SGP: TJA-internal, TSA-internal SGP1: TJB-internal, TSB-internal	4
Sustainable Tourism (TOU221)	Not available this year	3
Tourism Project (TOU302)	MURDOCH: S2-internal, S2-external	4
Tourism Project (TOU322)	Not available this year	3
Travel and Tourism in Society (TOU102)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal KAPLAN-SGP: TJA-internal, TSA-internal	3

Undergraduate Business

Points

Accounting Theory and Accountability (BUS304)	Not available this year	3
Accounting Theory and Accountability (BUS310)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal KAPLAN-SGP: TJA-internal, TSA-internal KDUPJ: S2U-internal SGP1: TJB-internal, TSB-internal	4
Advanced Economic Analysis: Honours (BUS425)	MURDOCH: S2-internal	4
Advanced Honours Research Preparation (BUS4013)	MURDOCH: S1-internal, S2-internal	4
Advanced Honours Topic in Commerce (BUS4011)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Advanced Honours Topic in Commerce (BUS4012)	MURDOCH: S1-internal, S2-internal, Y-internal	4
Advanced Honours Topic in Economics (BUS4001)	MURDOCH: S1-internal, S2-internal, Y-internal	4

Advanced Human Resource Perspectives (BUS320)	MURDOCH: S1-internal, S1-external KAPLAN-SGP: TJA-internal, TSA-internal SGP1: TJB-internal, TSB-internal	4
Advanced Human Resource Perspectives (BUS340)	Not available this year	3
Applied Entrepreneurship and Innovation (BUS331)	MURDOCH: S2-internal, S2-external	4
Auditing (BUS306)	Not available this year	3
Auditing (BUS312)	MURDOCH: S2-internal, S2-external KAPLAN-SGP: TJA-internal, TSA-internal KDUPJ: S2U-internal SGP1: TJB-internal, TSB-internal	4
Business and Technical Communication (BUS204)	Not available this year	4
Business Feasibility and Management Concepts (BUS215)	MURDOCH: S1-internal, S1-external	4
Business Negotiations in International Perspective (BUS341)	Not available this year	3
Changing Economies of Asia (BUS272)	MURDOCH: S1-internal, S1-external KAPLAN-SGP: TJA-internal, TSA-internal	4
Chinese Business (BUS243)	MURDOCH: S1-internal, S1-external KAPLAN-SGP: TJA-internal, TSA-internal	4
Chinese Business Negotiations (BUS346)	MURDOCH: S2-internal, S2-external	4
Chinese Economy (BUS234)	MURDOCH: S2-internal, S2-external	4
Commercial Banking (BUS307)	Not available this year	3
Commercial Banking (BUS326)	MURDOCH: S2-internal, S2-external KAPLAN-SGP: TJA-internal, TSA-internal SGP1: TJB-internal, TSB-internal	4
Company Law (BUS328)	KAPLAN-SGP: TJA-internal, TSA-internal SGP1: TJB-internal, TSB-internal	4
Comparative Corporate Governance Structures (BUS284)	Not available this year	3
Consumer Behaviour (BUS273)	MURDOCH: S2-internal, S2-external DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TSA-internal KDUPJ: S2U-internal SGP1: TJB-internal, TSB-internal	4
Consumer Behaviour (BUS299)	Not available this year	3
Contemporary Advances in Economics: Theory and Applications - Honours (BUS463)	MURDOCH: S1-internal	4
Contemporary China (BUS241)	MURDOCH: S2-internal, S2-external	4
Contemporary Financial Accounting (BUS256)	MURDOCH: S1-internal, S1-external ROCKINGHAM: S1-internal KAPLAN-SGP: TMA-internal KDUPJ: S1U-internal SGP1: TMB-internal	4
Contemporary Financial Accounting (BUS356)	Not available this year	3
Conversational Chinese (BUS233)	MURDOCH: S1-internal, S1-external	4
Corporate Finance (BUS224)	MURDOCH: S1-internal, S1-external, S2-internal ROCKINGHAM: S1-internal DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TSA-internal KDUPJ: S1U-internal SGP1: TJB-internal, TSB-internal	4
Corporate Finance (BUS286)	Not available this year	3
Credit and Lending Decisions (BUS308)	Not available this year	3
Credit and Lending Decisions (BUS337)	MURDOCH: S1-internal, S1-external KAPLAN-SGP: TMA-internal, TSA-internal SGP1: TMB-internal, TSB-internal	4
Derivative Securities (BUS325)	MURDOCH: S2-internal, S2-external DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal SGP1: TMB-internal	4

Derivative Securities (BUS333)	Not available this year	3
Digital Business (BUS305)	MURDOCH: S1-internal, S1-external SGP1: TMB-internal	4
Econometrics (BUS292)	Not available this year	3
Econometrics (BUS294)	MURDOCH: S2-internal, S2-external	4
Economics in Society (BUS162)	MURDOCH: S2-internal, S2-external KAPLAN-SGP: TJA-internal, TSA-internal	3
Economics of Climate Change (BUS250)	MURDOCH: S2-internal, S2-external	4
Employment Relations (BUS222)	MURDOCH: S1-internal, S1-external	4
Employment Relations (BUS332)	Not available this year	3
Employment Relations in Asia (BUS251)	KAPLAN-SGP: TJA-internal, TSA-internal SGP1: TJB-internal, TSB-internal	4
Entrepreneurship (BUS274)	MURDOCH: S2-internal, S2-external	4
Finance Law (BUS206)	DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal SGP1: TMB-internal	4
Foundational Mathematics for Business (BUS130)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external ROCKINGHAM: S2-internal	3
Foundations of Accounting (BUS170)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external ROCKINGHAM: S1-internal	3
Foundations of Economics (BUS171)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, SUM-internal ROCKINGHAM: S1-internal	3
Foundations of Management and Governance (BUS176)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external ROCKINGHAM: S2-internal	3
Foundations of Marketing (BUS183)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Honours Thesis in Commerce (BUS4019)	MURDOCH: S1-internal, S2-internal, Y-internal	12
Honours Thesis in Economics (BUS4009)	MURDOCH: S1-internal, S2-internal, Y-internal	12
Human Resource Economics (BUS301)	Not available this year	3
Human Resource Economics (BUS375)	MURDOCH: S2-internal, S2-external KAPLAN-SGP: TMA-internal KDUPJ: S2U-internal SGP1: TMB-internal	4
Integrated Marketing Communications (BUS302)	Not available this year	3
Integrated Marketing Communications (BUS336)	MURDOCH: S1-internal, S1-external DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal KDUPJ: S1U-internal SGP1: TMB-internal	4
International Finance (BUS322)	MURDOCH: S2-internal, S2-external DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal SGP1: TMB-internal	4
International Finance (BUS330)	Not available this year	3
International Financial Markets and Institutions (BUS290)	MURDOCH: S1-internal, S1-external KAPLAN-SGP: TMA-internal SGP1: TMB-internal	4
International Financial Markets and Institutions (BUS390)	Not available this year	3
International Management (BUS323)	MURDOCH: S1-internal, S1-external DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TSA-internal KDUPJ: S1U-internal SGP1: TJB-internal, TSB-internal	4

International Management (BUS344)	Not available this year	3
International Marketing (BUS321)	MURDOCH: S2-internal, S2-external DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal KDUPJ: S2U-internal SGP1: TMB-internal	4
International Marketing (BUS343)	Not available this year	3
International Study Tour (BUS352)	MURDOCH: W-internal (quota of 15 places)	4
International Trade and Development (BUS309)	Not available this year	3
Introduction to Accounting (BUS160)	DUBAI-ISC: TMD-internal	3
Introduction to Economics (BUS161)	DUBAI-ISC: TJD-internal, TSD-internal	3
Introductory Chinese (BUS102)	Not available this year	3
Investment Analysis (BUS311)	MURDOCH: S1-internal, S1-external DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TSA-internal SGP1: TJB-internal, TSB-internal	4
Investment Analysis (BUS329)	Not available this year	3
Knowledge and Organisational Learning (BUS378)	MURDOCH: S1-internal, S1-external DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal KDUPJ: S1U-internal SGP1: TMB-internal	4
Knowledge Management (BUS348)	Not available this year	3
Macroeconomics A (BUS260)	MURDOCH: S1-internal, S1-external KAPLAN-SGP: TJA-internal, TSA-internal	4
Macroeconomics A (BUS289)	Not available this year	3
Macroeconomics B (BUS327)	Not available this year	3
Macroeconomics B (BUS360)	MURDOCH: S2-internal, S2-external KAPLAN-SGP: TJA-internal, TSA-internal	4
Management Accounting (BUS227)	MURDOCH: S2-internal, S2-external ROCKINGHAM: S2-internal KAPLAN-SGP: TMA-internal KDUPJ: S2U-internal SGP1: TMB-internal	4
Management Accounting (BUS287)	Not available this year	3
Marketing and Advertising Law (BUS209)	DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal SGP1: TMB-internal	4
Marketing Research and Analysis (BUS210)	Not available this year	3
Marketing Research and Analysis (BUS235)	MURDOCH: S2-internal, S2-external DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal KDUPJ: S2U-internal SGP1: TJB-internal, TMB-internal	4
Microeconomics A (BUS261)	MURDOCH: S1-internal, S1-external KAPLAN-SGP: TJA-internal, TSA-internal	4
Microeconomics A (BUS291)	Not available this year	3
Microeconomics B (BUS318)	Not available this year	3
Microeconomics B (BUS361)	MURDOCH: S2-internal, S2-external KAPLAN-SGP: TJA-internal, TSA-internal	4
Organisation Development and Change (BUS298)	Not available this year	3
Organisation Development and Human Resources Management (BUS240)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TSA-internal KDUPJ: S2U-internal SGP1: TJB-internal, TSB-internal	4

Organisational Theory and Behaviour (BUS223)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal KDUPJ: S1U-internal SGP1: TMB-internal	4
Organisational Theory and Behaviour (BUS293)	Not available this year	3
Principles of Commercial Law (BUS165)	DUBAI-ISC: TMD-internal	3
Principles of Finance and Banking (BUS140)	DUBAI-ISC: TJD-internal, TSD-internal	3
Principles of Human Resources Management (BUS297)	Not available this year	3
Principles of Management (BUS145)	MURDOCH: SUM-internal DUBAI-ISC: TMD-internal	3
Principles of Marketing (BUS169)	DUBAI-ISC: TJD-internal, TSD-internal	3
Professional Internship in Business (BUS358)	MURDOCH: S1-placement, S2-placement ROCKINGHAM: S1-placement, S2-placement	10
Quantitative Methods for Business and Economics (BUS208)	MURDOCH: S1-internal, S1-external DUBAI-ISC: TMD-internal	4
Semester in China/Australia (BUS347)	Not available this year	12
Services Marketing (BUS268)	MURDOCH: S1-internal, S1-external DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TSA-internal KDUPJ: S1U-internal SGP1: TJB-internal, TSB-internal	4
Services Marketing (BUS296)	Not available this year	3
Social and Environmental Financial Performance (BUS249)	MURDOCH: S1-internal, S1-external	4
Special Topics in Business (BUS201)	Topic not currently available	3
Special Topics in Business (BUS2011)	Topic not currently available	3
Special Topics in Economics (BUS200)	Topic not currently available	3
Strategic Management (BUS317)	MURDOCH: S2-internal, S2-external DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal KDUPJ: S2U-internal SGP1: TMB-internal	4
Strategic Management (BUS349)	Not available this year	3
Strategic Marketing (BUS350)	Not available this year	3
Strategic Marketing (BUS382)	MURDOCH: S2-internal DUBAI-ISC: TJD-internal, TSD-internal KAPLAN-SGP: TJA-internal, TSA-internal SGP1: TJB-internal, TSB-internal	4
Taxation (BUS303)	Not available this year	3
Taxation (BUS313)	MURDOCH: S1-internal, S1-external KAPLAN-SGP: TMA-internal KDUPJ: S1U-internal SGP1: TMB-internal	4
Technology and Accounting Processes (BUS217)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external ROCKINGHAM: S2-internal KAPLAN-SGP: TJA-internal, TSA-internal KDUPJ: S1U-internal SGP1: TJB-internal, TSB-internal	4
Technology and Accounting Processes (BUS285)	Not available this year	3
Topics in Taxation (BUS315)	MURDOCH: S2-internal, S2-external	4
Tourism and Hospitality Law (BUS207)	KAPLAN-SGP: TMA-internal SGP1: TMB-internal	4

Treasury Management (BUS244)	MURDOCH: S1-internal, S1-external DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal SGP1: TMB-internal	4
Treasury Management (BUS288)	Not available this year	3
Work-Based Learning (BUS267)	MURDOCH: S1-internal (quota of 50 places)	4
Workplace Law (BUS228)	DUBAI-ISC: TMD-internal KAPLAN-SGP: TMA-internal SGP1: TMB-internal	4

University Access

Points

Extension to Veterinary Biology 1 (EQU031)	MURDOCH: S1-internal	
Extension to Veterinary Biology 2 (EQU032)	MURDOCH: S2-internal	
Extension to Veterinary Biology 3 (EQU033)	MURDOCH: S1-internal	
Extension to Veterinary Biology 4 (EQU034)	MURDOCH: S2-internal	
Extension to Veterinary Biology 5 (EQU035)	MURDOCH: S1-internal	
Integrated Clinical Studies 1 (EQU041)	MURDOCH: S1-internal	
Integrated Clinical Studies 2 (EQU042)	MURDOCH: S2-internal	
Integrated Clinical Studies 3 (EQU043)	MURDOCH: S1-internal	
Integrated Clinical Studies 4 (EQU044)	MURDOCH: S2-internal	
Introduction to Clinical Studies (EQU036)	MURDOCH: S2-internal	
Koora Kudidj Pre-Law (EQU025)	MURDOCH: SB3-internal	
Kulbaridi Wangkiny Pre-Media (EQU026)	MURDOCH: SB7-internal	
OnTrack (EQU060)	MURDOCH: S1-internal, S2-internal PEEL: S1-internal, S2-internal ROCKINGHAM: S1-internal, S2-internal	
Orientation Chemistry 1 (EQU011)	MURDOCH: S1-internal	
Orientation Chemistry 2 (EQU012)	MURDOCH: S2-internal	
Transition to Veterinary Studies 1 (EQU021)	MURDOCH: S1-internal	
Transition to Veterinary Studies 2 (EQU022)	MURDOCH: S2-internal	
Transition to Veterinary Studies 3 (EQU023)	MURDOCH: S1-internal	
Transition to Veterinary Studies 4 (EQU024)	MURDOCH: S2-internal	

University Breadth

Points

University Breadth in Practice Unit (BRD350)	Not available this year	3
University Breadth Unit (BRD250)	Not available this year	3
Well Being - University Breadth Unit (BRD251)	Not available this year	3

Veterinary Science

Points

Advanced Anaesthesia and Critical Care (VET660)	Not available this year	3
Advanced Diagnostic Imaging (VET671)	Not available this year	3
Advanced Surgical Techniques (VET647)	MURDOCH: S2-internal, S2-external (quota of 30 places)	3
Advanced Topics in Equine Practice (VET543)	MURDOCH: S2-internal	6
Advanced Topics in Mixed Animal Practice (VET542)	MURDOCH: S2-internal	6
Advanced Topics in Production Animal Practice (VET544)	MURDOCH: S2-internal	6
Advanced Topics in Small Animal Practice (VET541)	MURDOCH: S2-internal	6
Advanced Topics in Veterinary Science (VET546)	MURDOCH: S2-internal	6
Advanced Topics in Wildlife, Zoological and Conservation Medicine (VET545)	Not available this year	6
Advanced Veterinary Case Management (VET675)	MURDOCH: H-internal, S1-internal, S2-internal, Y-internal	3
Advanced Veterinary Case Management (VET6751)	MURDOCH: H-internal, S1-internal, S2-internal, Y-internal	6
Advanced Veterinary Case Management (VET6752)	MURDOCH: H-internal, S1-internal, S2-internal, Y-internal	9
Advanced Veterinary Case Management 2 (VET676)	MURDOCH: H-internal, S1-internal, S2-internal, Y-internal	3
Advanced Veterinary Case Management 2 (VET6761)	MURDOCH: H-internal, S1-internal, S2-internal, Y-internal	6
Advanced Veterinary Case Management 2 (VET6762)	MURDOCH: H-internal, S1-internal, S2-internal, Y-internal	9

Students who have successfully completed a unit may not enrol for credit in any subsequent version of that unit, even if under a different code and/or title, nor in any parallel lower- or higher-level version. Students enrolled in a higher-level version of a unit are required to demonstrate advanced analytical skills and/or use of advanced research tools in assignments modified for that level.

Anaesthesia, Emergency and Critical Care (VET456)	MURDOCH: S2-internal	3
Animal Cellular Structure and Development (VET291)	Not available this year	3
Animal Systems I (VET242)	MURDOCH: S2-internal (quota of 90 places)	3
Animal Systems II (VET342)	MURDOCH: S1-internal	3
Animal Systems III (VET442)	MURDOCH: S1-internal	3
Avian, Exotic Pet and Wildlife Practice (VET453)	MURDOCH: S1-internal	2
Case Reports (VET622)	MURDOCH: S1-external (quota of 20 places), S2-external (quota of 20 places)	3
Cattle and Camelid Medicine, Production and Surgery (VET455)	MURDOCH: S2-internal	3
Clinical Pathology 1 (VET621)	Not available this year	3
Clinical Pathology 2 (VET648)	Not available this year	3
Conservation Medicine (VET630)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Conservation Medicine Field Placement/Project (VET639)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	3
Conservation Medicine Field Placement/Project (VET6391)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	6
Dermatology (VET628)	MURDOCH: S2-external (quota of 30 places)	3
Diagnosis (VET588)	MURDOCH: S1-external (quota of 30 places), S2-external (quota of 30 places)	3
Diagnostic Imaging (VET520)	MURDOCH: S1-external (quota of 30 places)	3
Doctor of Veterinary Medical Science Thesis (VET770)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	48
Emergency Medicine (VET527)	Not available this year	3
Epidemiological Studies: Design and Analysis (VET699)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Equine Medicine I (VET673)	MURDOCH: S1-internal, S1-external	3
Equine Medicine II (VET674)	MURDOCH: S2-internal, S2-external	3
Equine Practice (VET454)	MURDOCH: YM-internal	4
Equine Practice, After-Hours and Diagnostic Imaging (VET590)	MURDOCH: YM-internal	3
Evidence-Based Clinical Practice (VET694)	MURDOCH: S1-external (quota of 30 places)	3
General Small Animal Practice (VET461)	MURDOCH: S2-internal	3
Honours Thesis in Veterinary Biology (VET4009)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	24
Infectious and Emerging Diseases (VET640)	MURDOCH: S2-internal, S2-external	3
Infectious and Parasitic Diseases (VET629)	MURDOCH: S2-external (quota of 30 places)	3
Intensive Industries Medicine and Production (VET451)	MURDOCH: YM-internal	2
Medicine 1 (VET625)	MURDOCH: S1-external (quota of 30 places)	3
Medicine 2 (VET626)	MURDOCH: S2-external (quota of 30 places)	3
Medicine 3 (VET609)	MURDOCH: S1-external (quota of 30 places)	3
Practical Applications of Epidemiology (VET642)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Principles of Epidemiology (VET641)	MURDOCH: S1-internal, S1-external, S2-internal, S2-external	3
Processes in Animal Disease (VET340)	MURDOCH: S1-internal	4
Processes in Animal Disease (VET375)	Not available this year	3
Production Animal, Public Health, Pathology (Anatomic and Clinical) Core Clinical Rotation (VET587)	MURDOCH: YM-internal	3
Reproduction and Obstetrics (VET463)	MURDOCH: YM-internal	3
Research Methodology (VET666)	MURDOCH: S2-internal	3
Seminars in Veterinary Clinical Studies (VET679)	MURDOCH: H-internal, Y-internal	3
Small Animal Medicine (VET452)	MURDOCH: S2-internal	4
Small Animal Practice I (VET585)	MURDOCH: YM-internal	3
Small Animal Practice II (VET586)	MURDOCH: YM-internal	3
Small Animal Surgery (VET457)	MURDOCH: YM-internal	3
Small Ruminant Medicine and Production (VET419)	MURDOCH: S2-internal	2
Surgery 1 (VET523)	MURDOCH: S1-external (quota of 30 places)	3

Surgery 2 (VET524)	MURDOCH: S2-external (quota of 30 places)	3
Surgical Principles (VET589)	MURDOCH: S2-external	3
Surgical Secrets (VET459)	MURDOCH: S2-internal	3
Surveillance Project (VET649)	MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external	12
Systemic Pathology, Toxicology and Chemotherapy (VET392)	Not available this year	3
Veterinary Anatomy I (VET240)	MURDOCH: S1-internal	4
Veterinary Anatomy I (VET260)	Not available this year	3
Veterinary Anatomy II (VET212)	MURDOCH: S2-internal	4
Veterinary Anatomy II (VET271)	Not available this year	3
Veterinary Biochemistry (VET241)	MURDOCH: S1-internal	4
Veterinary Biochemistry (VET272)	Not available this year	3
Veterinary Case Management Rounds (VET678)	MURDOCH: H-internal, Y-internal	3
Veterinary Core Clinical Rotations (VET530)	MURDOCH: Y4-internal	15
Veterinary Diagnostic Imaging (VET462)	MURDOCH: S2-internal	3
Veterinary Diagnostic Pathology (VET343)	MURDOCH: S1-internal	4
Veterinary Diagnostic Pathology (VET377)	Not available this year	3
Veterinary Immunology and Molecular Genetics (VET293)	Not available this year	3
Veterinary Immunology and Molecular Genetics (VET347)	MURDOCH: S2-internal	4
Veterinary Microbiology (VET341)	MURDOCH: S2-internal	4
Veterinary Microbiology (VET376)	Not available this year	3
Veterinary Nutrition and Animal Toxicology (VET346)	MURDOCH: S1-internal	4
Veterinary Nutrition and Animal Toxicology (VET380)	Not available this year	3
Veterinary Parasitology (VET344)	MURDOCH: S2-internal	4
Veterinary Parasitology (VET378)	Not available this year	3
Veterinary Pharmacology (VET345)	MURDOCH: S1-internal	4
Veterinary Pharmacology (VET379)	Not available this year	3
Veterinary Physiology I (VET244)	MURDOCH: S1-internal	4
Veterinary Physiology I (VET274)	Not available this year	3
Veterinary Physiology II (VET243)	MURDOCH: S2-internal	4
Veterinary Physiology II (VET273)	Not available this year	3
Veterinary Practice Management (VET672)	Not available this year	3
Veterinary Professional Life I (VET209)	MURDOCH: S1-internal	1
Veterinary Professional Life II (VET348)	MURDOCH: S1-internal	1
Veterinary Professional Life II (VET383)	Not available this year	3
Veterinary Professional Life III (VET429)	MURDOCH: S1-internal	1
Veterinary Professional Life III (VET484)	Not available this year	3
Veterinary Professional Life IV (VET458)	MURDOCH: S1-internal	1
Veterinary Professional Life V (VET538)	MURDOCH: Y2-internal	6
Wildlife Comparative Pathology Project (VET664)	MURDOCH: S2-internal, S2-external	3
Wildlife Medicine (VET631)	MURDOCH: S1-internal, S1-external	3

Web Communication

Points

Business of Freelancing (WEB303)	Not available this year	3
Web Communication Project (WEB301)	Not available this year	3
Web Design (WEB263)	Not available this year	3
Web Metrics (WEB302)	Not available this year	3
Web Strategy (WEB278)	Not available this year	3

Workplace Learning

Points

Structured Workplace Learning Placement -- Information Technology (WKP356)	MURDOCH: S1-internal, S2-internal	12
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Units

3D Animation (GAD365)

As for MCC265 except:

Credit Points: 3

Not available this year

3D Animation (MCC265)

Credit Points: 4

MURDOCH: S2-internal

This unit focuses on the skills and theory required for 3D animation. A range of animation techniques will be explored with an eye towards commercial applications such as games and films. Students will develop an understanding of the core concepts of 3D animation techniques along with body mechanics thus creating physical movements that are believable. The units also draws on theory from related disciplines, including theatrical acting, traditional animation principles and new media theory.

Lectures: 1 hour per week; media laboratories: 3 hours per week (1 hour unsupervised).

Prerequisites: MCC164 3D Modelling and MCC241 Animation

3D Modelling (GAD164)

Credit Points: 3

MURDOCH: S1-internal

This unit focuses on developing practical and conceptual skills in 3D modelling. Students are introduced to industry-standard tools and learn techniques in modelling, texturing and mapping. Students experience a variety of modelling challenges, including characters, props and environments, and learn each step of creative development, from planning to polishing. These skills are contextualised in relation to contemporary theories of spatial design, character development, and game design from varied arts fields, such as architecture, theatre and photography.

Online lecture; media laboratories: 3 hours per week (1 hour unsupervised).

Prerequisites: Nil.

Exclusions: Students who have successfully completed MCC242 3D Modelling and Design or MCC164 3D Modelling may not enrol in this unit for credit.

Aboriginal Perspectives Across the Curriculum (EDN353)

As for EDN363 except:

Credit Points: 3

Not available this year

Aboriginal Perspectives Across the Curriculum (EDN363)

Credit Points: 4

Not available this year

Aboriginal Studies is the study of Indigenous Australian history, societies and cultures, both as a subject in its own right and integrated into the key learning areas. It is not an area of study designed just for Indigenous students, but something that is of benefit to all Australians. Students will develop an informed position on what it means to teach Aboriginal Studies, gain an

understanding of the protocols involved and increase their ability to competently program for Aboriginal Studies.

There is a compulsory two-week on-campus attendance. It is recommended that participants seek confirmation of the exact attendance dates and requirements through the School of Education web site closer to the commencement date of the teaching period.

Prerequisites: Nil.

Exclusions: EDU211 Aboriginal Studies Across the Curriculum.

Academic Communication and Critical Literacy (TLC220)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit develops and refines the academic communication and literacy skills for success at university. The unit enables a deeper understanding of communicating within the Social Sciences and Humanities framework. It builds students' confidence and ability in higher-order academic skills such as research, evaluation, comprehension of complex concepts, argument development, and analysis. Students also learn advanced essay writing and refine their referencing skills.

Lectures: 1 hour; tutorials: 2 hours per week

Prerequisites: Nil.

Academic Learning Skills (BAR100)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

This Academic Learning Skills unit is for students enrolled in the BA degree. It will help you make the transition to university culture and introduce you to the range of lifelong learning skills needed at university and beyond. These include organisational as well as thinking, problem-solving and communication skills. It will develop interpersonal skills that encourage you to question, listen and act ethically; tolerate ambiguity, embrace openness, curiosity and intellectual risk-taking; and to make connections and work collaboratively.

Tutorials: 2.5 hours per week.

Prerequisites: Enrolment in a Bachelor of Arts, Bachelor of Asian Studies, Bachelor of Communication, Bachelor of Criminology, Bachelor of Media, Bachelor of Digital Media, Bachelor of Legal Studies, Bachelor of Psychology, Bachelor of Theology, or Bachelor of Tourism in Applied Events Management.

Exclusions: Students who have successfully completed a Foundation Unit (units beginning with FDN) may not enrol in this unit for credit.

Academic Skills for Business (BBS100)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

This unit provides a range of generic learning skills specifically for BBus students. It aims to equip students with competency in communication skills in literacy, numeracy, and information technology in the context of Business Studies. These skills include reading and summing up academic papers, researching and writing

essays, cogent argumentation, correct referencing, finding and evaluating information, as well as numeracy skills, including the interpretation of charts, graphs, tables and other visual materials.

Lectures: 2 hours per week; workshops/tutorials: 2 hours per week.

Prerequisites: Enrolment in Bachelor of Business, Bachelor of Commerce, Bachelor of Economics, Bachelor of Business in Applied Accounting, or Bachelor of Digital Marketing and Media,

Exclusions: Students who have successfully completed a Foundation Unit (units beginning with FDN) may not enrol in this unit for credit.

Accounting for Managers (MBS513)

Credit Points: 4

DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
SGP1: TJS-internal

While this unit provides an introduction to accounting issues relevant to both preparers and users of business reports, it predominantly explores the principles of financial and management accounting from a user perspective. The focus of the course is on decision-making providing a practical understanding of how to analyse information obtained from the accounting system to assist in management decision making.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate-level course. Students in C1083 Postgraduate Certificate in Business Administration (Masterclass) will be enrolled in MBS5132 Accounting for Managers.

Exclusions: Students cannot enrol in both MBS5132 Accounting for Managers and MBS513 Accounting for Managers for credit.

Accounting for Managers (MBS5132)

As for MBS513 except:

Credit Points: 3

MURDOCH: SUM1-internal

Taught intensively during the Summer term. Due to the nature of offering this unit, students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: This unit is restricted to students enrolled in C1083 Postgraduate Certificate in Business Administration (Masterclass) or C1115 Graduate Certificate in Business Administration (Masterclass).

Exclusions: Students cannot enrol in both MBS5132 Accounting for Managers and MBS513 Accounting for Managers for credit.

Accounting for Managers (MBS539)

As for MBS513 except:

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Accounting Processes (MBS544)

As for MBS553 except:

Credit Points: 3

MURDOCH: S1-internal, S2-internal

Accounting Processes (MBS553)

Credit Points: 4

KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

This unit introduces students to the technical aspects as well as the underlying concepts involved in the accounting cycle from recording financial transactions to the production of relevant financial statements in accordance with Australian Accounting Standards. Topics include balance-day adjustments, accounting subsystems, reporting and analysing assets, liabilities and equity. Students will also be instructed in QuickBooks to enhance their understanding of computer based accounting.

Lectures/seminars: 3 hours per week.

Prerequisites: MBS513 Accounting for Managers; enrolment in the Master of Professional Accounting.

Accounting Theory and Accountability (BUS304)

As for BUS310 except:

Credit Points: 3

Not available this year

Accounting Theory and Accountability (BUS310)

Credit Points: 4

MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

Develops higher-level analytical and critical thinking skills in the accounting domain. Topics include accounting theories, triple bottom line, measurement systems and the importance of understanding user needs and company impediments to financial reporting. The unit emphasises the acquisition of fundamental problem solving and communication skills and the link of governance, financial reporting and accountability to the fast changing corporate business environment. Corporate governance, ethics and innovation issues are also explored.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: BUS217 Technology and Accounting Processes.

Trimester offerings for this unit at Singapore (SGP1) are taught in intensive mode.

Accounting Theory and Governance (MBS633)

Credit Points: 4

KAPLAN-SGP: TMA-internal

The focus of this capstone accounting unit is on the theories that underpin contemporary accounting issues and accounting standards.

Topics include accounting theories, measurement alternatives, governance and ethics, triple bottom line and social responsibility reporting and the importance of understanding user needs and impediments to transparent financial reporting.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: MBS513 Accounting for Managers.

Accounting Theory and Governance (MBS679)*As for MBS633 except:*

Credit Points: 3

MURDOCH: S2-internal

Acquisition of Human Resources (MBS511)

Credit Points: 4

DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal

This unit provides an understanding of the linkages among an organisation's vision, values, strategic planning and human resource management practices relating to recruitment and selection. It outlines HR systems that can be used to bring an organisation's operations into line with its vision. Techniques relating to planning, recruitment, selection and decision making will be explored and applied.

Acquisition of Human Resources (MBS688)*As for MBS511 except:*

Credit Points: 3

MURDOCH: S2-internal, S2-external

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a graduate-level course.

Exclusions: Students who have successfully completed MBS511 Acquisition of Human Resources may not enrol in this unit for credit.

Acquisition of Skills and Motor Control (EXS205)*As for EXS322 except:*

Credit Points: 3

Not available this year

Acquisition of Skills and Motor Control (EXS322)

Credit Points: 4

MURDOCH: S1-internal

This unit will cover principles relating to motor skill classification and measurement, the expert performance model and factors that limit expert motor skill performance, as well as instruction and practice principles that can be used to facilitate motor skill learning. An introduction to motor control theories will also be covered. The content has direct application to professions such as exercise physiology, sport science, sports coaching, physical education teaching and allied health.

Lectures: 2 hours per week; laboratories: 2 hours per fortnight.

Prerequisites: Nil.

Exclusions: Student who have successfully completed CHI322 Acquisition of Skills and Motor Control may not enrol in this unit for credit.

Acting and Production I (EGL226)

Credit Points: 4

MURDOCH: S1-internal

This unit seeks to provide students with basic acting and production skills. Students will perform in front of a small in-house audience to test these skills, but the emphasis in the unit is on TRAINING. At the end of the unit, students will have learnt some basic acting and production skills and will have gained experience in the

performance of a dialogue and an audition monologue. This unit is a prerequisite for EGL329 Acting and Production II.

Lectures: 1 hour; workshops: 2 hours per week; rehearsals: as required.

Prerequisites: Nil.

Acting and Production I (EGL239)*As for EGL226 except:*

Credit Points: 3

Not available this year

Acting and Production II (EGL329)

Credit Points: 4

MURDOCH: S2-internal

This unit builds on EGL226 Acting and Production I to provide students with the opportunity to further develop their acting and production skills and creativity in a more substantial and challenging production with a more commercial focus. Productions in this unit also seek to provide students with opportunities for more advanced and experimental forms of theatrical work.

Workshops: 3 hours per week; rehearsals: as required.

Prerequisites: EGL226 Acting and Production I, OR entry by audition.

Acting and Production II (EGL347)*As for EGL329 except:*

Credit Points: 3

Not available this year

Action Learning for Reflective Practitioners (EDN459)*As for EDN470 except:*

Credit Points: 3

Not available this year

Action Learning for Reflective Practitioners (EDN470)

Credit Points: 4

MURDOCH: Y-external

This unit is designed for teaching professionals in a range of contexts, including early childhood education and inclusive educational settings. It requires the development, implementation and evaluation of a self-directed learning project based on action learning methodology, which addresses issues or problems within a specific teaching context. The project aims to improve and develop the student's teaching skills. The project offers an opportunity for theoretical perspectives to be translated and critiqued within a teaching context.

No classes but students are strongly encouraged to attend on-campus meetings conducted during the semester.

Prerequisites: Enrolment in the Bachelor of Education (Early Childhood and Primary) OR Bachelor of Education (Primary)

Participants will need to arrange for 30 hours of contact time with a group of learners to implement their action research.

Acute Care 1 (NUR203)

Credit Points: 4

PEEL: S1N-internal

This unit is the first of two units which will focus on the acute care of the hospitalised patient. These units are intended to incrementally support students in their care of the acutely unwell patient within a medical and surgical setting. Students will address specific physiological and psychosocial responses and the associated nursing care related to pathophysiological mechanisms of disease in the immunological, integument, musculoskeletal, neurological and gastro intestinal systems.

Lecture: 1 hour per week; laboratories: 2 hours per week

Prerequisites: Completion of all Part I core BNursing units.

Students will demonstrate knowledge and competencies developed within this unit in a structured clinical practice.

Acute Care 2 (NUR205)

Credit Points: 4

PEEL: S2N-internal

This unit is the second of two units which will focus on the acute care of the hospitalised patient. These units are intended to incrementally support students in their care of the acutely unwell patient within a medical and surgical setting. Students will address specific physiological and psychosocial responses and the associated nursing care related to pathophysiological mechanisms of disease in the respiratory, cardiovascular, renal and endocrine systems.

Lecture: 1 hour per week; laboratories: 2 hours per week

Prerequisites: Completion of all Part I core BNursing units and NUR256 Medication Management for Nursing

Students will demonstrate knowledge and competencies developed within this unit in a structured clinical practice.

Admiralty Law (LAW355)

Credit Points: 4

Not available this year

Admiralty law is a unique and truly international type of commercial law. This unit deals with the liability of ships in admiralty. It will cover a range of types of liability such as salvage, collisions, liability to passengers, towage and marine pollution. It will also deal with enforcement of admiralty claims, including maritime liens, admiralty procedures such as the arrest of vessels, and a ship's right to limit liability.

Lectures: 3 hours per week.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW130 Criminal Law and Procedure, LAW152 Torts, LAW260 Contract.

Admiralty Law (LLB355)*As for LAW355 except:*

Credit Points: 3

Not available this year

Adolescent Health and Development (EDN445)

Credit Points: 4

MURDOCH: S2-internal

This unit provides an introduction to adolescent health and development and shows how by understanding the interplay of emotional, social and physical development during adolescence teachers can enhance students' learning.

Lectures: 1 per week; workshops: 2 hours per week

Prerequisites: Enrolment in the final semester of a Bachelor of Education (Secondary) OR Bachelor of Education (Secondary) (Graduate) course. Students will be required to have successfully completed all the required units.

Enrolment in the final semester of the BEd (Secondary Teaching) + Sports Science (BSportsSc)

Exclusions: Enrolment in EDN4451 Adolescent Health and Development - 2 credit points.

This unit is provided for students who have completed the 4 point version of CHI315/EXS315 Sports Science Practicum.

Adolescent Health and Development (EDN4451)*As for EDN445 except:*

Credit Points: 2

MURDOCH: S1-internal

ROCKINGHAM: S1-internal

Lecture: 1 per week; workshop: 1 per week.

Prerequisites: Students enrolled in BEd (Primary, 1-10 Health and Physical Education), or students enrolled in BEd(Secondary) + Sports Science (BSportsSc) who have completed the 8 credit point version of CHI3151.

Students who enrolled in BEd (Secondary Teaching) (Four Years), or BEd (Graduate) (Secondary Teaching) (Two Years) prior to 2013, are also required to enrol in this 2 point version of the unit.

Exclusions: Students who have completed, or are enrolled in EDN445.

This unit is to be taken in the Semester One of the final year of the students' course.

Adult Learning in Education and Work (EDU645)

Credit Points: 3

MURDOCH: S2-external

This unit examines recent psychological theories and research related to adult learning in academic, vocational and community learning settings, including professional development and workplace learning. By the end of this unit, participants should have developed a sound understanding of the multidimensional, interactive, dynamic and socioculturally situated nature of adult learning. They should be well prepared for designing learning environments which facilitate the development of meaningful knowledge and its application across various settings.

External: No attendance required. Some on-campus meetings will usually be available.

Prerequisites: Enrolment in a postgraduate qualification or permission of the Unit Coordinator.

Exclusions: Students who have successfully completed E446 Adult Learning in Education and Work may not enrol in this unit for credit.

Advanced 3D Modelling (GAD363)

Credit Points: 3

Not available this year

This unit develops basic 3d modelling skills, techniques and theory towards an emphasis on advanced 3D form, anatomy, character design, rigging, environments, props, textures and materials for a range of digital environments.

1 hour online lectures, 3 hour labs

Prerequisites: MCC164 3D Modelling

Advanced Anaesthesia and Critical Care (VET660)

Credit Points: 3

Not available this year

Exclusions: Students who have successfully completed VET627 Veterinary Anaesthesia and Critical Care and may not enrol in this unit for credit.

Advanced Biblical Interpretation Seminar (THE617)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit introduces various methods that can be used in interpreting biblical texts, and shows how interpretation of a text will vary depending on the hermeneutical approach or method of interpretation used. It allows students to develop skills in interpreting texts from both the Old and New Testaments, using the various methods that come under the umbrella of historical critical methods (e.g. source, form, and redaction criticism) and newer literary methods (e.g. rhetorical, feminist, post-colonial criticism).

Seminars: 2 hours per week.

Prerequisites: THE505 Thinking Theology; THE510 Emerging Christian Theology - The Creeds (100-500CE); THE507 Introduction to the New Testament; THE506 Introduction to the Old Testament.

Advanced Business Analysis and Design (ICT353)

Credit Points: 4

MURDOCH: S2-internal, S2-external

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TJA-internal, TMA-internal

SGP1: TMB-internal, TSB-internal

This unit extends the material learnt in ICT231 Systems Analysis and Design with an emphasis on business process modelling. The concepts of business process modelling will be examined and the tools that can be used to analyse, model, and design business processes introduced. Agile system development methodologies will be contrasted with more formal approaches and the unified process life cycle model examined. Package evaluation and selection, and global distributed development processes will also be covered.

Workshops: 3 hours per week.

Prerequisites: ICT231 Systems Analysis and Design.

Advanced Business Analysis and Design (ICT393)

Credit Points: 3

Not available this year

Advanced Business Data Communications (ICT535)

Credit Points: 3

MURDOCH: S2-internal

This unit includes the second part of the Cisco CCNA Certification curriculum, commenced in ICT546. Students extend their study of LAN architectures and examine LAN security with the use of 'firewalls'. Frame relay and PPP architectures are used to study Wide Area Networks (WAN); and extensive practical exercises are used to reinforce the understanding of these technologies. Voice Over IP (VOIP) will be examined with regards to data networks. A major design case study incorporating LAN and WAN is completed.

Workshops: 3 hours per week.

Prerequisites: C546/ICT546 Local Area Network Design and Implementation and enrolment in a postgraduate IT course.

Advanced Civil Procedure (LLB451)

Credit Points: 3

Not available this year

This unit covers the practical application of the rules of civil procedure in Western Australia. It presupposes completion of Civil Procedure 1. The unit will involve drafting court documents and other documents used in litigation, individually and in groups. Successful completion of groupwork is a major objective of the unit.

30 hours

Prerequisites: LEG120/LAW120 Research and Writing, LEG150/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract, LAW258 Australian Administrative Law, LAW259 Constitutional Law, LAW253 Property, LAW252 Evidence. Students are advised that this unit should be taken in the last year of enrolment; PLUS concurrent enrolment with LLB450 Civil Procedure OR successful completion of LLB450 Civil Procedure.

Exclusions: Students who have previously successfully completed LAW350 Civil Procedure may not enrol in this unit

Advanced Clinical Legal Education (LAW385)

Credit Points: 4

MURDOCH: S1-internal (quota of 20 places), S2-internal (quota of 20 places)

Participate in a clinical program, focusing in a particular area of legal practice such as immigration law, family law, children's rights or housing rights. Work in the legal practice based at SCALES Community Legal Centre or another external approved organisation. Assist real clients and take responsibility for actual client files. Develop practical, legal and interpersonal skills and critically reflect upon law and the legal system within a broader social context.

4 seminars of 2 hours' duration; 1 full day per week attendance at the Law Clinic or by arrangement with external agency.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW130 Criminal Law and Procedure, LAW152 Torts.

Exclusions: Students who have completed L300/LAW300 Special Topic: Advanced Clinical Legal Education may not enrol in this unit for credit.

Advanced Clinical Legal Education (LLB385)*As for LAW385 except:*

Credit Points: 3

Not available this year

Advanced Control Systems Design (ENG525)

Credit Points: 3

MURDOCH: S1-internal

This unit represents a culmination of the material under the broad category of control systems design. In particular, it is designed to consolidate all of the aspects associated with the specification, design, synthesis and simulation of a significant control system. It is designed to prepare the student for a control systems-oriented Master of Engineering Project.

Meetings/laboratories: By arrangement with the Unit Coordinator.

Prerequisites: Enrolment in ME.

Advanced Criminology (CRM306)

Credit Points: 3

Not available this year

This unit covers the theoretical explanations of criminal behaviour and its development. Theories from biological psychological, sociological, legal and economic traditions are reviewed, analysing their strengths and weaknesses.

Exclusions: Students who have successfully completed CRM206 Criminology may not enrol in this unit for credit.

Advanced Diagnostic Imaging (VET674)

Credit Points: 3

Not available this year

Advanced Ecology (ENV526)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit aims to provide the student with the knowledge of advanced ecological concepts and techniques.

Prerequisites: ENV511 Aquatic Ecology or enrolment in Graduate Certificate in Environmental Science

Advanced Economic Analysis: Honours (BUS425)

Credit Points: 4

MURDOCH: S2-internal

This unit examines recent and exciting developments in economic theory and policy. Topics include intertemporal decision making, moral hazard and adverse selection, signalling and screening mechanisms, principal-agent models, New Classical macroeconomics, New Keynesian approaches to macroeconomics and modern growth theory.

Lectures/seminars: 3 hours per week.

Prerequisites: Enrolment in Bachelor of Economics with Honours.

Advanced Educational Research Seminar (EDU701)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit explores broad issues that are common to all forms of educational research. The unit has two main objectives: to help participants place their research study into a larger intellectual context, and to help participants develop a research network and program.

Face-to-face sessions: 6 x 3-hour sessions .

Prerequisites: Enrolment in EdD.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students who have successfully completed E601 Advanced Educational Research Methods or E601 Paradigms of Social and Educational Research may not enrol in this unit for credit.

Advanced Educational Research Seminar (EDU7011)*As for EDU701 except:*

Credit Points: 9

MURDOCH: Y-internal

Face-to-face sessions: 12 x 3-hour sessions.

Prerequisites: Enrolment in Doctor of Education in 2013 or earlier.

A result of Ungraded Pass or Fail is awarded for this unit.

Advanced Electronic Control of Power Systems (ENG558)

Credit Points: 3

Not available this year

This unit discusses advanced methods and electronic equipment available to the utilities for the effective management and operation of the network.

Meetings/laboratories: by arrangement with the Unit Coordinator.

Prerequisites: Enrolment in ME.

Advanced Engineering Research Skills (BEN300)

Credit Points: 3

Not available this year

This unit develops research skills that students will need to apply in order to contribute to future innovations in engineering technology. Students will learn how to identify where opportunities exist to make a significant contribution in the area of their engineering major. Students will develop skills in preparing a research proposal, conducting literature reviews, formulating and testing hypotheses, writing peer review articles and writing a thesis. Students will apply these skills on a research task in their discipline area.

Prerequisites: BEN200 Engineering Research Skills; MAS261 Mathematical Methods.

Advanced Environmental Science Research Methods (ENV683)

Credit Points: 3

MURDOCH: S1-internal, S1-external

Students will explore advanced approaches to research design and analysis, and issues that affect decision-making in research. A range

of methods, both quantitative and qualitative from the natural and social sciences, will be covered in this unit. These methods will have relevance to students interested in progressing their academic career as well as those working and intending to work in industry, government and the not-for-profit sectors.

Lectures: 16 hours; tutorials: 8 hours; student seminars: 3 hours over the semester.

Prerequisites: Enrolment in AQF level 9 course.

Advanced Environmental Science Topics (ENV529)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit is designed to provide students with knowledge of advanced environmental science concepts and practices. The specialised topics will vary from year to year.

Prerequisites: ENV527 Environmental Science Topics or enrolment in Graduate Certificate in Environmental Science

Advanced Games Design and Programming (ICT311)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit extends the material studied in ICT207 Games Design and Programming with an emphasis on the construction of efficient and re-usable games software. It provides an advanced and in-depth coverage of theory, algorithms and software engineering techniques underlying various game engine components. Topics include software design patterns, 3D character animation, intelligent character simulation, scripting, collision detection, and simulation and manipulation of 3D terrains. Further topics may include issues with Internet-based multi-player online games.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: ICT207 Games Design and Programming.

Advanced Games Design and Programming (ICT397)

As for ICT311 except:

Credit Points: 3

Not available this year

Advanced Honours Research Preparation (BUS4013)

Credit Points: 4

MURDOCH: S1-internal, S2-internal

Prerequisites: Enrolment in Honours in Commerce.

Advanced Honours Seminar in Politics (POL468)

Credit Points: 4

MURDOCH: S1-internal

Prerequisites: Enrolment in Honours in Politics and International Studies.

Advanced Honours Topic in Commerce (BUS4011)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Commerce.

Advanced Honours Topic in Commerce (BUS4012)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Commerce.

Advanced Honours Topic in Computer Science (ICT4021)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in one of the following: Business Information Systems; Computer Science; Games Software Design and Production; Games Technology; Internet Software Development; Internetworking and Security.

Advanced Honours Topic in Computer Science (ICT4022)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in one of the following: Business Information Systems; Computer Science; Games Software Design and Production; Games Technology; Internet Software Development; Internetworking and Security.

Advanced Honours Topic in Economics (BUS4001)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Economics.

Advanced Honours Topic in Information Systems (ICT4051)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in one of the following: Business Information Systems; Computer Science; Games Software Design and Production; Games Technology; Internet Software Development; Internetworking and Security.

Advanced Honours Topic in Information Systems (ICT4052)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in one of the following: Business Information Systems; Computer Science; Games Software Design and Production; Games Technology; Internet Software Development; Internetworking and Security.

Advanced Honours Topic in Politics and International Studies (POL4071)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Politics and International Studies or in Honours in Security, Terrorism and Counterterrorism Studies.

Advanced Human Resource Perspectives (BUS320)

Credit Points: 4

MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

This unit focuses on managing human resources at a strategic level, in order to meet organisational goals pertaining to sustainability and competitive advantage. It aims to give students an understanding of how effective implementation of human resource management practice offers benefits to both the organisation and the individual. Topics covered will include attraction and retention of staff, how to manage performance, rewarding employees, career management and the legal context of work.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: BUS240 Organisation Management and Development or BUS240 Organisational Development and Human Resources Management.

Advanced Human Resource Perspectives (BUS340)

As for BUS320 except:

Credit Points: 3

Not available this year

Advanced Information Technology Research Project (ICT708)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

The purpose of this unit is to provide students with the skills, knowledge and experience to conduct research in computer science and/or information systems. The unit provides students with the opportunity to gain research experience and training by undertaking a substantial research project of their choice. The research undertaken in this unit will provide the foundation study for the subsequent thesis unit ICT702.

Seminars/supervisor meetings: 1 hour per week average.

Prerequisites: Enrolment in the Doctor of Information Technology.

Advanced IT Study Project (ICT517)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

The purpose of this unit is for students to study an advanced topic of current interest within the information technology community that is of personal interest to the student but not available as a formal unit. Students will be in regular contact with their academic supervisor and submit reports for assessment.

Supervisor meetings: 1 hour per week average.

Prerequisites: Enrolment in a postgraduate/graduate IT course or permission of the Academic Chair.

Exclusions: Students who have completed ICT617 Advanced IT Study Project may not enrol in this unit for credit.

Advanced Media Projects (MCC538)

Credit Points: 12

MURDOCH: S1-internal, S2-internal, Y-internal

This advanced production unit focuses on production projects such as scripts, films and video, online radio, documentary, oral histories, drama, feature and investigative reporting. The unit helps to sharpen skills in story selection and development, research, scriptwriting, and packaging. Students use a range of media recording, mixing and editing techniques. Under tutor guidance collaborative work is also accepted.

Contact time: under supervision.

Prerequisites: Enrolment in Graduate Diploma/postgraduate studies in Media Production.

Advanced Mental Health Nursing (NUR614)

Credit Points: 3

Not available this year

Critically examines mental health theory appropriate to selected areas of mental health clinical specialty. Coursework will be set in the area of mental health clinical specialty with core components of counselling, advanced assessment skills and advanced risk assessment/management skills. Facilitates students' critical examination of contemporary and past mental health nursing practice with a view to determining best practice.

Prerequisites: Enrolment in a postgraduate nursing course.

Advanced Mineral Processing (ENG566)

Credit Points: 3

MURDOCH: S1-internal, S1-external

Incorporates the main aspects of mineral processing. Enables students to follow the material in Extractive Metallurgy I and Extractive Metallurgy II, and qualify for professional member status with The Australasian Institute of Mining and Metallurgy. Deals with sampling, particle characterisation, comminution and classification, physical processes of mineral concentration involving dense media and gravity separation, magnetic and electrostatic separation and ore sorting techniques. Froth flotation of minerals, coagulation, flocculation, agglomeration, dewatering of concentrates and tailings disposal are covered.

Lectures: 3 hours per week.

Advanced Network Design (ICT347)

Credit Points: 4

MURDOCH: S2-internal

This unit examines the advanced routing topics associated with the design and management of large-scale IP networks. The technologies covered are typically found in large corporate, government, telecommunication carrier and ISP networks. Topics include: Network design, verification plans, EIGRP, OSPF, IGP redistribution, policy-based routing and IP service-level agreement (IP SLA), BGP, IPv4 and IPv6 coexistence, and routing over branch Internet connections.

Lectures: 2 hours per week; tutorials: 2 hours per week.

Prerequisites: ICT120 Principles of Data Communications.

Advanced Network Design and Implementation (ICT372)

Credit Points: 3

Not available this year

Advanced New Testament Exegesis (THE477)

Credit Points: 4

MURDOCH: S2-external

A study of New Testament writings, their structure, themes and settings, with detailed exegesis including greater attention to the original Greek text and the option for assessment based on either the English or Greek text. Normally selected writings will be either Romans or from among the Gospels (2012: Gospel Traditions). This unit may be taken more than once, with different content.

Prerequisites: One 200-level New Testament unit apart from THE203 New Testament Greek II; for students choosing the Greek option, competence in Greek to the level of THE203 New Testament Greek II.

Exclusions: Students who have successfully completed this unit or S424 Romans or S425 Gospel Traditions at 400-level may enrol in the parallel higher-level unit for credit and vice versa where the selected writings are different.

Advanced Nursing Clinical Assessment Topic (NUR619)

Credit Points: 3

Not available this year

Advanced practitioner skills required for nursing assessment and intervention. Students will negotiate for one or more specialties of their choice in order to practice and self-evaluate their advanced nursing skills. Compare and contrast theories in nursing treatment and management and determine how these are best facilitated by advanced nurses. Critically examine contemporary and past nursing practice with a view to applying best practice.

Negotiated supernumerary practica: 1 day per week; two block practica of 5 days each to a total of 36 days; scheduled clinical practice workshops and reflective tutorials: 2 hours per week.

Prerequisites: Enrolment in a Postgraduate Nursing Course

Advanced Nursing Practice (NUR572)

Credit Points: 3

PEEL: S1-external, S2-external

This unit examines the student's critical thinking I and clinical reasoning to improve the efficacy and clinical outcomes for patients with a neurological diagnosis, and their families, within the community setting. It requires the student to examine the Competency Standards for the Advanced Registered Nurse (ANF 2005), and progress their own practice towards meeting those performance standards. Specifically students are required to demonstrate their ability to apply scientific and eclectic knowledge to nursing practice.

Prerequisites: Students must have successfully completed NUR571 Community Neurological Nursing and NUR673 Concepts for Neurological Health Management

Exclusions: Students who have successfully completed NUR672 Advanced Nursing Practice may not enrol in this unit for credit.

Advanced Old Testament Exegesis (THE498)

Credit Points: 4

MURDOCH: S2-external

Study at greater depth major blocks of Old Testament material, enabling further skills development in exegetical approaches while examining literary, historical, sociological and theological features of blocks of material other than those previously studied. Greater use will be made of Biblical Hebrew, but ability to read Hebrew is not essential. Two assessment options will be available, one based on the English text and the other primarily using Hebrew. This unit may be taken more than once, with different content.

Prerequisites: One 200-level Old Testament unit apart from S237/THE201 Biblical Hebrew II. For students choosing the Hebrew option, competence in Hebrew to the level of S237/THE201 Biblical Hebrew II.

Exclusions: Students who have successfully completed this unit or S420 Historical Literature of Israel or S421 Prophetic Literature of Israel may enrol in the parallel higher-level unit for credit and vice versa where the selected writings are different.

Advanced Photographic Studio (PH0306)

Credit Points: 3

Not available this year

Advanced photographic practice, lighting and studio technique. Covers all major aspects of controlled lighting and studio based photographic practice. This course introduces students to advanced techniques in studio lighting and their creative applications. The course focuses on the use of artificial lighting techniques for studio lighting set-ups in addition to specific lighting techniques for portraiture and still life. The emphasis is on the development of studio based technical skills central to the advancement of the student's portfolio work.

Lecture 1 hour Workshop 2 hours

Prerequisites: PH0124 Photography 1 and PH0203 Photography 2.

Advanced Policy Case Study (SWM620)

Credit Points: 3

MURDOCH: S1-internal, S2-internal, W-internal

The advanced case study enables students to analyse in depth an issue of policy significance using relevant conceptual tools, professional skills, and theoretical perspectives. The case study (up to 5,000 words) can focus upon either governmental or non-governmental issues, at international, national, state or local level. Through undertaking the case study, students develop evaluative, analytical and critical skills.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in the Master of Public Policy and Management, Master of Development Studies, or Master of International Affairs; completion of at least 24 credit points.

Advanced Principles and Practices in Early Childhood Education (EDN520)

Credit Points: 3

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

This unit addresses theories of play and development, learning, and pedagogy for young children specifically children in classes kindergarten to year two. It is designed for practicing primary

school teachers who wish to make the early years a specialisation.

Lecture 1 hr/week, workshop 2 hrs/week

Prerequisites: Enrolment in the Graduate Diploma of Early Childhood Education and Care or the Graduate Certificate in Early Childhood Education.

Advanced Process Engineering (ENG308)

As for ENG303 except:

Credit Points: 3

Not available this year

Advanced Process Modelling and Simulation (ENG563)

Credit Points: 3

MURDOCH: S1-internal

This unit is designed to build upon previous studies in process modelling and simulation, by studying a range of advanced concepts, techniques and using computer based simulation tools. Typical examples are chosen from the process and mining industries. The material in this unit is studied using project-oriented approach.

Meetings/laboratories: By arrangement with the Unit Coordinator.

Prerequisites: Enrolment in Master of Engineering.

Advanced Projects in Chemistry and Mineral Science (CHE306)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, SUM-internal

Most laboratories undertaken as an undergraduate student are limited to a single 4 hour session. However, scientific investigations in the workplace are often conducted over days or months. Additionally, scientists may have to search literature, develop methods, and incorporate data from bioassays/industrial processes into their work. This project unit allows students to undertake a semester long research study under the guidance of a member of the Chemical and Analytical Sciences staff, providing valuable experience in scientific practice.

Minimum of 72 hours laboratory work, organised individually in consultation with Supervisor.

Prerequisites: Students need to have completed a minimum of 24 points at Part II level.

Not available for self enrolment. Permission of the Unit Co-ordinator is required to enrol in this unit. It would be expected that students will undertake this unit in their final university year. Students will be required to organise a suitable supervisor in the semester immediately prior to the one in which they wish to undertake the subject, and that supervisor must formally agree to the student's candidature. Students must complete the Safety in Science course prior to undertaking this unit. The Safety in Science course is usually run in the week before semester begins but students are urged to communicate with their proposed supervisor on the precise timing. All projects must be approved by the Unit Co-ordinator prior to the beginning of semester.

Advanced Psychological Assessment (PSY598)

Credit Points: 3

MURDOCH: S1-internal

This unit examines the major theoretical issues, practical applications and ethical considerations associated with individual and group psychological assessment and measurement techniques.

Lectures: 3 hours.

Exclusions: Students who have successfully completed PSY431 Psychology: Principles of Psychological Assessment may not enrol in this unit for credit.

Advanced Qualitative Approaches to Research (EDU743)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit addresses the way that interpretive frameworks in Education and Social Science shape and frame the way theory, methodology and research methods interact throughout the research enterprise to influence questions asked, methods used, data collected, and the sense we make of them. Attention is also given to how the role of researcher and 'researched' influence knowledge production. Exemplary qualitative research texts are used to deepen student's understanding of the way multi-modal qualitative approaches can build theory and knowledge.

Internal: 3 hours per week.

Prerequisites: EDU610 Introduction to Research for Educators, EDU602 Developing Research Capacities for Educators, F434/EDU434/F634 Qualitative Research Methods I, R315/PSY315 Psychology: Qualitative Methods, or permission of the Unit Coordinator. Those enrolled in other courses should contact the Unit Coordinator.

In order to progress to the dissertation component, students must achieve a minimum of 65% across all units, a minimum of 65 % in Research Methodology units and pass the exam.

Advanced Quantitative Approaches to Research (EDU739)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit addresses designs and methods of quantitative research used in educational and social science inquiry. Participants will consider how quantitative data are generated, analysed and interpreted in research and evaluation projects in education and the social sciences. The unit will include a variety of research designs; methods for collecting data using different formats; confirming the quality of data for the purposes for which they are collected; relating sets of data; and methods for comparing groups.

External: No attendance required. On-campus meetings will usually be available.

Prerequisites: EDU403/603 Introduction to Research for Educators or permission from the Unit Coordinator. For the 600-level version of the unit students must be enrolled in a Postgraduate qualification. For the 700-level unit participants must be enrolled in the Doctor of Education.

Exclusions: Students who have successfully completed A440 Research Design and Analysis for the Social Sciences or E433/E633 Quantitative Research Methods may not enrol in this unit for credit.

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Advanced Routing (ICT611)

Credit Points: 3

MURDOCH: S2-internal

This unit examines the advanced routing topics associated with the design and management of large-scale IP networks. The technologies covered are typically found in large corporate, government, telecommunication carrier and ISP networks. Topics include: Network design, verification plans, EIGRP, OSPF, IGP redistribution, policy-based routing and IP service-level agreement (IP SLA), BGP, IPv4 and IPv6 coexistence, and routing over branch Internet connections.

Workshops: 3 hours per week.

Prerequisites: ICT535 Advanced Business Data Communications; enrolment in a graduate IT course or permission of the Academic Chair.

Exclusions: Students who have completed ICT647 Advanced Network Design may not enrol in this unit for credit.

Advanced SCADA Systems (ENG617)

Credit Points: 3

MURDOCH: S1-internal

This unit builds upon previous undergraduate and first year studies in signals and systems, by studying in further detail a wide range of methods of acquisitions, processing and analysis of signals. Additionally, a range of advanced concepts and issues are considered.

Meetings/laboratories: by arrangement with the Unit Coordinator.

Prerequisites: Enrolment in the ME or permission of the Engineering Academic Chair.

Advanced Screen Production (MCC302)

Credit Points: 4

MURDOCH: S2-internal (quota of 60 places)
DUBAI-ISC: TJD-internal, TSD-internal

This is a follow-on unit from MCC201 Professional Development in Screen Production and MCC353 Writing for the Screen. It provides students with opportunity for creating a short film production of their choosing in the available media of film or digital video. The unit is designed with a degree of individual flexibility and programs of work can be designed to meet specialist needs. Students are encouraged to produce a portfolio of work for future Screen Production career purposes.

Lectures: 1 hour per week; workshops: 2 hours per week.

Note: Lectures and workshops/tutorials commence in Week 1 of the semester.

Prerequisites: MCC201 Professional Development in Screen and Sound Production (or MED301 Professional Development in Screen Production or MED301 Screen Projects).

Exclusions: Students who have successfully completed MED302 Advanced Screen and Sound Production may not enrol in this unit for credit.

This unit is subject to quota. Quota is due to space and equipment constraints and the production intensity. Selection is based on grades achieved in prerequisites.

Advanced Screen Production (SCR320)*As for MCC302 except:*

Credit Points: 3

Not available this year

This unit is not subject to quota.

Advanced Skills and Motor Control (EXS305)*As for EXS330 except:*

Credit Points: 3

Not available this year

Advanced Skills and Motor Control (EXS330)

Credit Points: 2

MURDOCH: S2-internal

This unit continues from CHI/EXS322 Acquisition of Skills and Motor Control by covering topics including but not limited to: advanced motor control theories; neurophysiological basis of motor control; motor control disorders and their neural origin; motor control deficits that accompany common disorders of the somatosensory system, basal ganglia, cerebellum and motor cortex; and principles for structuring re-learning of motor skills.

Lectures: 1 hours per week; laboratories: 2 hour per fortnight.

Prerequisites: CHI322/EXS322 Acquisition of Skill and Motor Control.

Exclusions: Student who have successfully completed CHI330 Advanced Skills and Motor Control may not enrol in this unit for credit.

Advanced Social Science Research Methods (ART604)

Credit Points: 3

MURDOCH: S1-internal, S1-external

The unit will introduce basic research topics: constructing a thesis, referencing and bibliographies; and some of the fundamental approaches used in the various disciplines of Social Sciences and Humanities. Students undertaking the unit must have a research supervisor, and enrol in the unit during the period they are beginning their research.

Lectures/seminars: total 3 hours per week.

Prerequisites: Enrolment in a postgraduate course

It is imperative that students undertaking the unit have a research supervisor, and enrol in the unit during the period they are beginning their actual research dissertation or project.

Advanced Socio-legal Research Methods (CRM4302)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Advanced Socio-legal Research Methods for Legal Studies (LEG4102)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Advanced Sports Psychology (EXS301)*As for EXS331 except:*

Credit Points: 3

Not available this year

Advanced Sports Psychology (EXS331)

Credit Points: 2

MURDOCH: S2-internal

This unit will provide the student with an advanced understanding of psychological factors affecting both sporting performance and general participation in physical activity. It will provide the most up to date information on how psychology is currently impacting on all areas of modern sport and physical activity. Covered topics include: the role of psychology in rehabilitation programs; the role of psychology in exercise participation; the evolution of sport psychology; coaching process; applying psychology; exercise psychology in action.

Lectures: 2 hours per week; laboratories/workshops: 2 hours per week.

Prerequisites: CHI224/EXS224 Sport Psychology.

Exclusions: Student who have successfully completed CHI331 Advance Sports Psychology may not enrol in this unit for credit.

Advanced Study Topics (CHI678)

Credit Points: 4

Not available this year

This unit offers the students an opportunity to pursue advanced areas of study in topics that will expand the knowledge framework contained within the Masters course. The topic of interest should be used to gain expertise in their chosen field of interest and result in an expansion their practical skills that will be required in industry or research. It is a requirement that the chosen special topic be approved by the Unit Coordinator and the Academic Chair of postgraduate courses.

Prerequisites: Enrolment in the Master of Neuromusculoskeletal Rehabilitation including completion of 24 points of postgraduate work such as the Postgraduate Certificate/Diploma in Neuromusculoskeletal Rehabilitation or Postgraduate Diploma in Sports Chiropractic, or their equivalents.

Advanced Surgical Techniques (VET647)

Credit Points: 3

MURDOCH: S2-internal, S2-external (quota of 30 places)

Students will learn advanced techniques in veterinary soft tissue and orthopaedic surgery. This unit comprises an intensive workshop and wetlab taught on campus, together with coursework in distance learning mode.

40 hours workshop and wetlab.

Prerequisites: Enrolment in the Master of Veterinary Studies, Doctor of Veterinary Medical Science, or in the Master of Veterinary Clinical Studies.

This unit is subject to quota. Quota is due to limited resources. Selection is by application only.

Advanced Topic in Media Production (MCC5101)

Credit Points: 3

MURDOCH: S1-internal, S2-internal

This is a unit, specific to the candidate's program of study, designed to afford focus on a related area of research, professional practice or production.

Prerequisites: Enrolment in Graduate Certificate in Media Production, or Graduate Diploma in Media Production.

Advanced Topic in Media Production (MCC5102)

Credit Points: 3

MURDOCH: S1-internal, S2-internal

This is a unit, specific to the candidate's program of study, designed to afford focus on a related area of research, professional practice or production.

Prerequisites: Enrolment in Graduate Certificate in Media Production, or Graduate Diploma in Media Production.

Advanced Topic in Media Production (SCR510)

Credit Points: 3

MURDOCH: S1-internal, S2-internal

This is a unit, specific to the candidate's program of study, designed to afford focus on a related area of research, professional practice or production.

Prerequisites: Enrolment in Graduate Certificate in Media Production, or Graduate Diploma in Media Production.

Advanced Topics in Equine Practice (VET543)

Credit Points: 6

MURDOCH: S2-internal

This 12 week full-time unit allows students to undertake focused study in the discipline of equine practice. Students will have the opportunity to extend their theoretical knowledge and develop species-specific skills and professional competence beyond the minimum standards required for graduation and registration. As part of this unit students will be required to participate in learning activities off campus.

Approximately 40 hours per week.

Prerequisites: All fourth-year BVMS units (VET457, VET463, VET454, VET453, VET458, VET452, VET455, VET419, VET451).

Enrolment in Bachelor of Veterinary Medicine and Surgery; concurrent enrolment in or successfully completed VET530 Clinical Rotations and VET538 Veterinary Professional Life V.

Advanced Topics in Exercise Physiology (EXS404)*As for EXS569 except:*

Credit Points: 3

Not available this year

Advanced Topics in Exercise Physiology (EXS569)

Credit Points: 2

MURDOCH: T3-internal

This unit will provide the student with an advanced understanding of high-interest areas and current topics in the field of Exercise Physiology. Advanced topics discussed may include evidence based exercise programs, ergonomics and assessment of activities of daily living.



Lectures: 2 hours.

Prerequisites: The successful completion of either CHI552/EXS552 Cardiopulmonary Rehabilitation or CHI553/EXS553 Neuromuscular Rehabilitation or CHI551/EXS551 Metabolic Rehabilitation.

Exclusions: Student who have successfully completed CHI569 Advanced Topics in Exercise Physiology may not enrol in this unit for credit.

Advanced Topics in Instrumentation and Control (ENG502)

Credit Points: 3

MURDOCH: S2-internal

This unit explores complex problems that draw upon various aspects of Instrumentation and Control that include modelling, simulation, instrumentation and control studies. There will be a strong research focus in this unit which will serve as a preparation for the Masters Engineering Project in conjunction with ENG508 Design Methodologies in Instrumentation and Control.

Meetings/laboratories: by arrangement with the Unit Coordinator.

Prerequisites: Enrolment in the ME or permission of the Engineering Academic Chair.

Advanced Topics in Mixed Animal Practice (VET542)

Credit Points: 6

MURDOCH: S2-internal

This 12 week full-time unit allows students to undertake focused study in the discipline of mixed veterinary practice. Students will have the opportunity to extend their theoretical knowledge and develop practical skills and professional competence beyond the minimum standards required for graduation and registration. As part of this unit students will be required to participate in learning activities off campus.

Approximately 40 hours per week.

Prerequisites: All fourth-year BVMS units (VET457, VET463, VET454, VET453, VET458, VET452, VET455, VET419, VET451).

Enrolment in Bachelor of Veterinary Medicine and Surgery; concurrent enrolment in or successfully completed VET530 Clinical Rotations and VET538 Veterinary Professional Life V.

Advanced Topics in Physics and Nanotechnology: Experimental (PEC423)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit extends the study of solid state and surface physics with practical aspects of interactions between radiation fields and matter. Analytical and experimental techniques are introduced by providing the theoretical background and laboratory practices necessary for undertaking experimental research in physics and nanotechnology. Nanocharacterisation and surface analysis techniques included in this unit are: vacuum, thin film fabrication, microscopies (FESEM, TEM, AFM and STM) and spectroscopies (XRD, XPS, AES, FTIR Raman, UV-Vis and synchrotron radiation).

Internal students: Lectures: 2 hours per week; tutorials: 1 hour per week; laboratories: 3 hours per week for 8 weeks.
External students: Compulsory 4-day on-campus laboratory session.

Prerequisites: PEC231 Modern Physics; PEC232 Electromagnetism; PEC317 Physics of Materials.

Advanced Topics in Physics and Nanotechnology: Theoretical (PEC430)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit investigates the theory behind the surface analysis methods used in materials science. The introduction deals with solid surfaces, their structure and composition and UHV basics. There is a section on analysis techniques, for example electron microscopy, sputter depth profiling, SIMS, AES, XPS, scanning probe microscopy and LEED. The final section looks at some of the applications for which these techniques can be used e.g. investigating semiconductor devices and thin film analysis.

Lectures/tutorials: 2 to 3 hours per week.

Prerequisites: PEC231 Modern Physics and PEC317 Physics of Materials.

Advanced Topics in Production Animal Practice (VET544)

Credit Points: 6

MURDOCH: S2-internal

This 12 week full-time unit allows students to undertake focused study in veterinary aspects of production animal medicine. Students will have the opportunity to extend their theoretical knowledge and develop practical skills and professional competence beyond the minimum standards required for graduation and registration. As part of this unit students will be required to participate in learning activities off-campus.

Approximately 40 hours per week.

Prerequisites: All fourth-year BVMS units (VET457, VET463, VET454, VET453, VET458, VET452, VET455, VET419, VET451).

Enrolment in Bachelor of Veterinary Medicine and Surgery; concurrent enrolment in or successfully completed VET530 Clinical Rotations and VET538 Veterinary Professional Life V.

Advanced Topics in Small Animal Practice (VET541)

Credit Points: 6

MURDOCH: S2-internal

This 12 week full-time unit allows students to undertake focused study in the discipline of small animal practice. Students will have the opportunity to extend their theoretical knowledge and develop practical skills and professional competence beyond the minimum standards required for graduation and registration. As part of this unit students may be required to participate in learning activities off-campus.

Approximately 40 hours per week.

Prerequisites: All fourth-year BVMS units (VET457, VET463, VET454, VET453, VET458, VET452, VET455, VET419, VET451).

Enrolment in Bachelor of Veterinary Medicine and Surgery; concurrent enrolment in or successfully completed VET530 Clinical Rotations and VET538 Veterinary Professional Life V.

Advanced Topics in Veterinary Science (VET546)

Credit Points: 6

MURDOCH: S2-internal

This 12 week full-time unit allows students to undertake focused study in an area of veterinary science outside that of general clinical practice. Students have the opportunity to extend their theoretical knowledge and develop advanced specific skills and professional competence. Part or all of this unit may involve an externship with an approved agency.

Approximately 40 hours per week.

Prerequisites: All fourth-year BVMS units (VET457, VET463, VET454, VET453, VET458, VET452, VET455, VET419, VET451).

Enrolment in Bachelor of Veterinary Medicine and Surgery; concurrent enrolment in or successfully completed VET530 Clinical Rotations and VET538 Veterinary Professional Life V.

Advanced Topics in Wildlife, Zoological and Conservation Medicine (VET545)

Credit Points: 6

Not available this year

This 12 week full-time unit allows students to undertake focused study in veterinary aspects of wildlife, zoological or conservation medicine. Students will have the opportunity to extend their theoretical knowledge and develop practical skills and professional competence beyond the minimum standards required for graduation and registration. As part of this unit students will be required to participate in learning activities off campus.

Approximately 40 hours per week.

Prerequisites: All fourth-year BVMS units (VET457, VET463, VET454, VET453, VET458, VET452, VET455, VET419, VET451).

Enrolment in Bachelor of Veterinary Medicine and Surgery; concurrent enrolment in or successfully completed VET530 Clinical Rotations and VET538 Veterinary Professional Life V.

Advanced Veterinary Case Management (VET675)

Credit Points: 3

MURDOCH: H-internal, S1-internal, S2-internal, Y-internal

This unit provides case exposure and advanced, directly-supervised training in discipline-relevant case management, as defined by the relevant College or Chapter of the Specialty Board. 'Case exposure' is defined as discipline-relevant material that might include animals referred to MUVH for clinical management (diagnosis and treatment), necropsies, histopathology, examinations, or laboratory case data. Students do not have to be enrolled in Specialty Board training in order to take this unit. Assessment includes completion of a comprehensive case log.

Contact time will vary according to discipline.

Prerequisites: Enrolment in the Master of Veterinary Clinical Studies.

Advanced Veterinary Case Management (VET6751)

As for VET675 except:

Credit Points: 6

MURDOCH: H-internal, S1-internal, S2-internal, Y-internal

Contact time approximately 300 hours.

Advanced Veterinary Case Management (VET6752)

As for VET675 except:

Credit Points: 9

MURDOCH: H-internal, S1-internal, S2-internal, Y-internal

Contact time approximately 450 hours.

Advanced Veterinary Case Management 2 (VET676)

Credit Points: 3

MURDOCH: H-internal, S1-internal, S2-internal, Y-internal

This unit provides further case exposure and advanced, directly-supervised training in speciality-relevant veterinary case management. 'Case exposure' is defined as speciality-relevant material that might include animals referred to MUVH for clinical management (diagnosis and treatment), necropsies and histopathology examinations, or laboratory case data. Assessment includes completion of a comprehensive case log.

Contact time will vary according to speciality.

Prerequisites: Enrolment in the Master of Veterinary Clinical Studies.

Advanced Veterinary Case Management 2 (VET6761)

As for VET676 except:

Credit Points: 6

MURDOCH: H-internal, S1-internal, S2-internal, Y-internal

Advanced Veterinary Case Management 2 (VET6762)

As for VET676 except:

Credit Points: 9

MURDOCH: H-internal, S1-internal, S2-internal, Y-internal

Advances in Medical Science (BMS315)

As for BMS368 except:

Credit Points: 3

Not available this year

Advances in Medical Science (BMS368)

Credit Points: 4

MURDOCH: S2-internal

This unit examines the cause, pathogenesis, diagnosis, prevention and treatment of a select group of major human disorders which may be inherited, infectious, reproductive or malignant in nature. These include HIV AIDS, sepsis, malaria, infertility, asthma, neurological diseases and cancer. Emphasis is placed on sophisticated new technologies being used in medical research and how these are beginning to impact on our understanding and control of human disease. The unit integrates various disciplines including molecular biology, immunology, microbiology and pharmacology.

Lectures: 4 hours per week; workshops: 3 hours per week.

Prerequisites: BMS360 Mechanisms of Disease or permission of the Unit Coordinator; and either BMS203 Human and Comparative Microbiology or BIO263 Microbiology I; and either BMS265 Medical Immunology and Molecular Genetics or BIO252 Immunology, Vaccines and Cell Culture.

Aesthetics (PHL315)

Credit Points: 3

Not available this year

We readily talk about beauty and art in everyday life, but it is hard to say exactly what makes something beautiful or what makes it a work of art. Reflecting on the nature of beauty and the definition of art, aesthetics is one of the oldest fields of philosophical enquiry. This unit will examine philosophical questions concerning the

aesthetics of art, music and architecture as well as explore the link between aesthetic and ethical values.

Lectures: 1 hour per week; tutorials: 1.5 hours per week; across 12 weeks, 30 hours in total.

Prerequisites: Nil.

After Power: The Fall of Regimes and Rulers (HIS203)

Credit Points: 4

Not available this year

Examines (i) how political regimes in the modern period have ended (orderly transition, dramatic collapse of individual leader, defeat in war, societal revolution) and (ii) the political and personal consequences for former leaders (including Washington, Napoleon, Nicholas II, Churchill, Nixon, Amin, Mandela, Gorbachev, Thatcher, Pinochet, Milosevic, Hussein). Key themes include: the comparison of legitimate and 'criminal' regimes/leaders; the growth of the concept of accountability; the mechanics of regime change; and legacies of power in the post-colonial world.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Agricultural Biochemistry (ANS251)

Credit Points: 4

MURDOCH: S1-internal

Biochemistry is essential to understand production, health, and disease in animals. Topics: the conceptual understanding of DNA and RNA, proteins and protein synthesis, enzymes and enzyme action, and intermediary and energy metabolism in the whole animal system; regulation and integration of intermediary and tissue metabolism; digestion and absorption of nutrients and metabolites by herbivores (e.g., sheep, cattle), and omnivores (e.g., pigs) and the subsequent utilisation of these nutrients in the body; photosynthesis and secondary metabolism in crop and cereal biochemistry.

Lectures: 4 hours per week; practicals/tutorials/problem-based learning: 3 hours per week.

Prerequisites: Enrolment in Bachelor of Animal Science; BIO152 Cell Biology.

Exclusions: Students who have completed BMS261 Human and Comparative Biochemistry or VET241 Veterinary Biochemistry cannot undertake this unit for credit.

Alternative Screens (SCR303)

Credit Points: 3

Not available this year

Dedicated to providing students with a conceptual variation to the traditional industry model of screen production, being primarily drama and documentary, this unit will engage with moving image theory and practice in new and exciting ways. The content of this unit will evolve with the existence and emergence of Murdoch screen academics' past, current, and future research projects. It is highly recommended that students who wish to explore their screen production creativity participate in this unit.

Prerequisites: MCC128 Screen Production

Exclusions: Students who have successfully completed MCC231 Narrating the Nation: Media, Identity, Culture or MED231 Australian Cinema may not enrol in this unit for credit.

American Indian History (HIS223)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit seeks to develop an understanding of Amerindian peoples, their civilisations, history, philosophies, and contemporary social problems. Other issues include origins and traditional heritage stressing evolution; ecology and innovation; a chronology of Amerindian-European contact; biological and cultural impact of European expansion; family life and acculturation. The last part of the unit deals with modern problems of urbanisation and institutionalisation including drinking; ideology and identity; indigenous movements; land rights; and the Native American and the greater society.

Lectures: 1 hour per week; lecture/screening (slides and Film): 3 hour per week; tutorials: 1 hour per week.

Prerequisites: Nil.

American Indian History (HIS323)

As for HIS223 except:

Credit Points: 3

Not available this year

Anaesthesia, Emergency and Critical Care (VET456)

Credit Points: 3

MURDOCH: S2-internal

Students are taught local and general anaesthetic techniques of small and large animals, the recognition and management of common anaesthetic emergencies and complications and techniques for postoperative analgesia plus the assessment and principles of treatment of animals that are presented as acute emergencies, including intoxications, and those that are critically ill. Students must learn basic practical skills.

Lectures: 48 hours; practicals: 36 hours.

Prerequisites: Enrolment in Applied Veterinary Medicine; VET345 Veterinary Pharmacology; VET343 Veterinary Diagnostic Pathology; VET442 Animal Systems III; VET429 Professional Life III.

Ancient Greek Ideas (PHL216)

Credit Points: 4

Not available this year

This unit examines the origin and development of philosophical ideas at the beginning of the Western tradition. Students will read and discuss major works by the Presocratics, Plato, Aristotle, the Stoics and Neoplatonists on such themes as the origin of the cosmos, the place of the gods, atoms and elements, souls and bodies, theory of knowledge, and theory of value.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

This unit will be offered on alternate years.

Ancient Greek Ideas (PHL316)

As for PHL216 except:

Credit Points: 3

Not available this year

Animal and Human Bioethics (ANS106)

Credit Points: 3

MURDOCH: S2-internal (closed)

The scientific and ethical justifications for using animals in agriculture, education, research, recreation and as companions will be investigated. Key aspects of reproductive technologies and genetic engineering are included in addition to the role of animals in society, the management of wildlife and end of life decisions. Students will address the challenges involved in maintaining high standards of animal welfare for animals in our care. Students have the opportunity to focus some studies on either animal or human bioethical domains.

Lectures: 3 hours per week; tutorials: 2 hours every fortnight.

Prerequisites: Nil.

Animal Cellular Structure and Development (VET291)

Credit Points: 3

Not available this year

This unit will provide students with the opportunity to develop skills and understanding in topics related the cellular structure and development of vertebrates. Topics include genetics, embryology, histological structure of organ systems, molecular genetics and application of molecular techniques used in health sciences. Learning activities include a combination lectures, workshops and laboratory classes.

Lectures: 3 hours per week; workshops: 3 hours per week.

Prerequisites: BIO152 Foundations of Cell and Molecular Biology; BMS107 Foundations of Vertebrate Form and Function.

Animal Diversity (BIO244)*As for BIO261 except:*

Credit Points: 3

Not available this year

Animal Diversity (BIO261)

Credit Points: 4

MURDOCH: S1-internal

This unit provides students with a description of the systematics and morphology of the major groups of invertebrates and vertebrates. Particular emphasis is placed on the major evolutionary trends within the animal kingdom and its main phyla. Students are expected to develop practical skills, as well as acquiring a good theoretical background.

Lectures: 3 hours per week; laboratories/tutorials: 3 hours per week

Prerequisites: BIO103 Environmental Biology.

Animal Industry Experience (ANS337)*As for ANS357 except:*

Credit Points: 3

Not available this year

Animal Industry Experience (ANS357)

MURDOCH: S2-internal

Two components cover the practical farm experience that Bachelor of Animal Science students are expected to complete. Component one: comprises a minimum of five weeks on farms that deal with the major domestic species covered in the course. Students must complete a written report for each farm visit before being eligible to pass the unit. Component two: comprises either a one-week Student Industry Tour or another three weeks of farm placements. Activity logs must be completed for each component.

Five weeks of practical farm experience plus one week Student Industry Tour plus contact time with the Unit Co-ordinator as required OR eight weeks of practical farm experience plus contact time with the Unit Co-ordinator as required.

Prerequisites: Enrolment in Bachelor of Animal Science; ANS101 Animal Production Systems 1.

Student Industry Tour will require an extra-curricular fee from each student of \$200.00.

Animal Microbiology (ANS351)

Credit Points: 4

MURDOCH: S2-internal

The unit will provide basic knowledge and practical skills in microbiology relating to infectious diseases, with an emphasis on production animals. A generalist and integrated approach to pathogenic microbiology is adopted, but includes separate sections on bacteria and viruses. Sections comprise an introduction to features of pathogenic micro-organisms including structure, metabolism, genetic composition, culture and identification. Emphasis is given to the mechanisms causing disease in production animals and to principles of diagnosis and control.

Lectures: 5 hours per week; practicals/workshops: 3 hours per week.

Prerequisites: Enrolment in Bachelor of Animal Science; ANS251 Agricultural Biochemistry and BIO252 Immunology, Vaccines and Cell Culture.

Animal Molecular Biology (ANS252)

Credit Points: 4

MURDOCH: S1-internal

This unit focuses on the role of genetic material in controlling the activities of the bacterial and animal cells with particular emphasis on production animals. Topics include: DNA replication and mutation; control of protein synthesis; mechanisms of genetic disease; mechanisms of pathogenesis of infectious bacteria and viruses; control of development; genetic engineering; molecular markers of genetic traits in animals. In the laboratory sessions students gain practical experience with the techniques of genetic engineering.

Lectures: 4 hours per week; practicals/problem-based workshops: 4 hours per week.

Prerequisites: Enrolment in Bachelor of Animal Science; BIO152 Cell Biology and CHE140/PEC140 Introduction to Chemistry.

Exclusions: Students who have completed BIO212 Genetic Engineering cannot undertake this unit for credit.

Animal Nutrition and Toxicology (ANS354)

Credit Points: 4

MURDOCH: S1-internal

This unit will provide students with an opportunity to learn about the fundamentals of nutrients, feeds, nutritional biochemistry of vitamins and minerals, interactions between nutrients and feed components, ration formulation, practical feeding strategies for livestock and companion animals, nutrition-responsive diseases and an introduction to toxicology of animals. Several components of this unit will be presented as workshops.

Lectures: 4 hours per week; workshops/seminars: 2 hours per week.

Prerequisites: Enrolment in Bachelor of Animal Science; ANS251 Agricultural Biochemistry OR VET241 Veterinary Biochemistry and ANS253 Physiology and Anatomy of Farm Animals.

Exclusions: VET346 Veterinary Nutrition and Animal Toxicology

Animal Parasitology (ANS356)

Credit Points: 4

MURDOCH: S2-internal

This unit in applied parasitology introduces the concept of parasitism and the diversity of parasitic organisms. The life cycles and transmission patterns of the major parasites of production animals in Australia are described. The interaction between hosts and parasites leading to the disease is covered in detail. Special attention is given to the practical treatment of parasitic disease and the development of integrated approaches to parasite control in farming systems.

Lectures: 4 hour per week; practicals/tutorials/workshops: 3 hours per week.

Prerequisites: Enrolment in Bachelor of Animal Science; ANS251 Agricultural Biochemistry and ANS350 Pathology of Production Animals.

Animal Production Systems II (ANS230)*As for ANS250 except:*

Credit Points: 3

Not available this year

Animal Production Systems II (ANS250)

Credit Points: 4

MURDOCH: S1-internal

This unit will be taught in modules and develops knowledge of the theory and practice of animal production systems. Animal production from pasture systems will be emphasised, as will the associated role of soils. Practical classes will utilise the Murdoch University Farm and other farm sites to develop industry recognised skills in pasture assessment and pasture management through the use of ProGraze as a model system.

Lectures: 4 hours per week; practicals: 4 hours per week.

Prerequisites: Enrolment in Bachelor of Animal Science; ANS101 Animal Production Systems I.

Animal Production Systems III (ANS333)*As for ANS353 except:*

Credit Points: 3

Not available this year

Animal Production Systems III (ANS353)

Credit Points: 4

MURDOCH: S1-internal

This unit will be taught in modules and develops further knowledge of the theory and practice of the intensive and extensive animal production systems. Computer-based decision-making tools will be introduced to assist with understanding. A module in science and its communication will also be taught. Practical classes will develop industry-recognised skills in animal management and include field trips.

Lectures: 4 hours per week; practicals: 4 hours per week.

Prerequisites: Enrolment in Bachelor of Animal Science; ANS101 Animal Production Systems I.

Animal Production Systems IV (ANS358)

Credit Points: 4

MURDOCH: Y-internal

This unit will be taught in modules and develops further aspects of intensive and extensive animal production systems related to economics and farm management, muscle biology and meat science, lactation and reproduction, biometry, and ration formulation. Emphasis will be placed on small-group work and students will be expected to prepare and present oral and written pieces of work.

Lectures: 4 hours per week; practicals/workshops: 3 hours per week.

Prerequisites: Enrolment in Bachelor of Animal Science; ANS101 Animal Production Systems I and ANS250 Animal Production Systems II and ANS353 Animal Production Systems III.

Animal Science Research (ANS450)

Credit Points: 16

MURDOCH: Y-internal

Undertake an independent piece of research guided by your supervisor, write a research thesis and literature review, and participate in an introductory seminar, a final seminar and an oral thesis defence. Attend lectures and workshops on experimental design and research statistics, research presentation skills and how to write a literature review. Projects are supervised by a Murdoch University supervisor. A detailed proposal must be developed by the student and approved by the program committee prior to commencement of the project.

Project time as appropriate for completion of the project.

Prerequisites: Enrolment in Bachelor of Animal Science; ANS353 Animal Production Systems III.

Animal Science Research Methods (ANS503)

Credit Points: 3

Not available this year

This unit extends the fundamental skills associated with carrying out research, and all Animal Science Honours students undertake this unit during their Honours year. Students are taught higher level statistical skills, principals of research methodology, and extension skills enabling them to disseminate their research findings.

Prerequisites: Enrolment in BSc (Animal Science) (Honours).

Animal Structure and Function (ANS221)

Credit Points: 3

Not available this year

This unit integrates the anatomy and physiology of farm animals, in particular cattle, sheep, pigs and horses. It covers the major organ systems; emphasising the functional anatomy and physiology of the musculoskeletal, digestive, and reproductive systems. The nervous and endocrine control of body functions will be examined. Practical exercises will utilise prepared anatomical specimens and fresh material to complement dissections of areas of interest in domestic stock. Project work will provide an introduction to oral and written skills of communication.

Lectures: 4 hours per week; practicals/problem-based workshops: 4 hours per week.

Prerequisites: Enrolment in Animal Science major; BMS107 Foundations of Vertebrate Form and Function and BIO152 Foundations of Cell Biology and Molecular Biology.

Animal Systems I (VET242)

Credit Points: 3

MURDOCH: S2-internal (quota of 90 places)

This unit provides an introduction to the theory and practice of animal production systems. Animal production will be explored through an introduction to soils and soil structure, plant and pasture science and a broad coverage of livestock farming systems. Practical classes will utilise the university farm to enhance the understanding of each topic studied, including practical skills in the safe handling of sheep, cattle, horses and pigs using low-stress handling methods where possible.

Lectures: 3 hours per week; practicals: 3 hours per week.

Prerequisites: Enrolment in Veterinary Biology, Bachelor of Science - Veterinary Entry, or Animal Science.

Exclusions: ANS101 Animal Production Systems I.

This unit is subject to quota. Quota is required to meet AEC permit regulations. Preference will be given to students in B1058 and B1270.

Animal Systems II (VET342)

Credit Points: 3

MURDOCH: S1-internal

This unit studies the basic concepts of animal behaviour, animal welfare and animal handling for production, aquatic and companion animals. Students will also gain an understanding of human-animal interactions, the ethical challenges of animal domestication and production. Practical exercises will introduce students to safe procedures for physical examination of the major domestic animals, along with exercises in animal behaviour and learning theory, small animal handling (including avian and aquatic species) and tutorials investigating issues concerning animal ethics and welfare.

Lectures: 3 hours per week; practicals and tutorials: 3 hours per week.

Prerequisites: Enrolment in Veterinary Biology; VET242 Animal Systems I

Animal Systems III (VET442)

Credit Points: 3

MURDOCH: S1-internal

This unit covers the principles of epidemiology, biosecurity, public health, and meat science, in relation to wild and domesticated animals in society. Practical exercises will introduce students to veterinary procedures and skills in consultation, diagnosis, and problem-solving, along with the practical concepts of public health (including abattoir procedures and meat production).

Lectures: 3 hours per week; practicals: 3 hours per week.

Prerequisites: Enrolment in Veterinary Biology; MAS183 Statistical Data Analysis and Databases or MAS184 Biostatistics and Information Retrieval; VET342 Animals Systems II.

Animation (GAD241)*As for MCC241 except:*

Credit Points: 3

Not available this year

Animation (MCC241)

Credit Points: 4

MURDOCH: S1-internal

This unit provides students with a solid basis in the theory and practice of 3d animation. It covers the historical, theoretical and practical aspects of animation with an aim of arming students with all the knowledge and skills needed to start creating thoughtful and engaging 3d animated works.

Lectures: 1 hour per week; media laboratories: 3 hours per week (1 hour unsupervised).

Prerequisites: MCC164 3D Modelling.

Exclusions: Students who have successfully completed MUL241 Multimedia Design I may not enrol in this unit for credit.

Anthropology and Its Others (AST612)

Credit Points: 3

MURDOCH: S1-internal, S1-external

Anthropology's 'Others' include both the other cultures which are the subject of its studies and the other disciplines with which anthropological ideas are engaged. This unit is a history of ideas in anthropology and its contribution to the understanding of social and cultural difference. Major debates in social, cultural and evolutionary anthropology, and the contributions of cultural-ecology, marxist, symbolic, structural and post-modern approaches to cultural analysis are surveyed. Ethnographic films are an important component of the unit.

Workshops: 1 x 3 hours per week.

Prerequisites: Enrolment in postgraduate level (AQF8 or AQF9) Asian Studies or permission of the Unit Coordinator.

Anthropology, Society and Culture (AST212)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Understanding cultural difference is at the heart of anthropology's project, and has significance for the other humanities and social sciences as well. Anthropology's 'Others' include both the other cultures which are the subject of its studies and the other disciplines with which anthropological ideas are engaged. Major debates in social and cultural anthropology and the contributions of cultural-ecology, Marxist, symbolic, structural and post-modern

approaches to cultural analysis are considered. Ethnographic films are an important component of the unit.

Lectures: 2 hours per week; films: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Apologetics (THE614)

Credit Points: 3

Not available this year

This unit introduces students to Christian responses to secular modernity and modern atheism. It will explore the origins and nature of secular society and atheism as well as Christian responses to it. Students are encouraged to engage critically with their own tradition and with the secular environment.

Seminars: 2 hours per week

Prerequisites: THE505 Thinking Theology; THE510 Emerging Christian Theology - The Creeds (100-500CE); THE507 Introduction to the New Testament; THE506 Introduction to the Old Testament.

Applications of Nanotechnology (PEC261)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit introduces students to the concepts and principles of nanotechnology then looks at current applications in the wide field of nanotechnology. It covers the concept of nanoparticles and the different methodologies used to manufacture nanostructures. The unit investigates the advanced technologies used to image and manipulate individual atoms and looks at the properties of materials with nanoparticles constituents. It also investigates biological nanoscale mechanisms. Applications covered include: carbon nano-tubes technology; nano-electrics/photonics; quantum devices; solar energy materials.

Lectures: 3 per week; tutorials: 2 hours per week.

Prerequisites: PEC/PEN152 Principles of Physics.

Applications of Nanotechnology (PEN261)

As for PEC261 except:

Credit Points: 3

Not available this year

Applied and Professional Ethics (PHL210)

As for PHL272 except:

Credit Points: 3

Not available this year

Applied Animal Agriculture (ANS359)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

This unit enables students to increase their knowledge and expertise in various specialisations in applied animal agriculture. Teaching of this unit will be in the form of student-centred learning modules. Module topics will vary from year to year. Details about modules and their availability should be obtained from the Unit Coordinator prior to enrolment.

No scheduled attendance required, however, weekly on-campus meetings will be arranged.

Prerequisites: Enrolment in the Bachelor of Animal Science or permission of the Academic Chair.

Applied Animal Agriculture (ANS363)

As for ANS359 except:

Credit Points: 3

Not available this year

Applied Animal Breeding (ANS3591)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

This unit enables students to increase their knowledge and expertise in various specialisations in applied animal breeding. Teaching of this unit will be in the form of student-centred learning modules. Module topics will vary from year to year. Details about modules and their availability should be obtained from the Unit Coordinator prior to enrolment.

No scheduled attendance required, however, weekly on-campus meetings will be arranged.

Prerequisites: Enrolment in the Bachelor of Animal Science or permission of the Academic Chair.

Applied Animal Breeding (ANS364)

As for ANS3591 except:

Credit Points: 3

Not available this year

Applied Entrepreneurship and Innovation (BUS331)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit provides practical experience in applying the concepts and principles of Entrepreneurship, new venture creation, New Product Development and innovation. Learning activities include innovation workshops, ongoing workplace activities or the start-up and operations of a social or business project.

Lectures: 1 hour per week; Tutorials: 2 hours per week.

Prerequisites: BUS215 Business Feasibility and Management Concepts or BUS274 Entrepreneurship

Applied Health Research Methods: From Research to Practice (SHP632)

Credit Points: 3

MURDOCH: S1-external, S2-external

This unit examines the qualitative and quantitative health research methods available to the researcher seeking to answer health-related questions and recommend changes to improve/support practice. Students will critique research examples in order to evaluate the various methodological approaches and their relative strengths and limitations. Focus will be on the efficacy of evidence-based research for health care and the forces that facilitate or limit its application. Students will develop a research proposal to answer a defined research question.

External: No attendance required

Prerequisites: Enrolment in a Postgraduate Course.

Exclusions: Students who have successfully completed NUR632 Applied Health Research Methods: From Research to Practice may not enrol in this unit for credit. Students who have completed an equivalent research methods unit must contact the Academic Chair for a replacement unit.

Applied Health Services Project (SHP603)

Credit Points: 6

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Students will undertake a project in the area of either health management, quality, risk, clinical or corporate governance. This may be either conducted in a health industry placement under the supervision of the lecturer and nominated preceptor or undertaken as a research project in a relevant coursework area that the student has selected. Project findings will be reported in either a journal article format or industry report and be presented to either peers and/or members of the host organisation.

The health industry placement students will negotiate a placement in consultation with the lecturer. The placement will be conducted over an equivalent of one day per week for the 14 weeks of the semester.

Prerequisites: SHP632 Applied Health Research Methods: From Research to Practice or equivalent research methodology unit. Enrolment in the Master of Health Management, Quality and Leadership or by permission of the Academic Chair.

Exclusions: Students who have successfully completed NUR640 Health Services Project or NUR648 Internship may not enrol in this unit for credit.

Applied Information Security Management (ICT502)

Credit Points: 3

MURDOCH: S2-internal, S2-external

Information security managers design, build and manage enterprise information security. This unit focuses on enabling students to use the tools of threat and vulnerability assessment, security policy and procedure, and strategic decision making for information security management. Students work in teams, within a realistic enterprise environment to develop enterprise security policy to deal with challenges to Information Security.

Workshops: 3 hours per week.

Prerequisites: Enrolment in a graduate IT course or permission of the Academic Chair.

Exclusions: Students who have completed ICT557 Information Security Management may not enrol in this unit for credit.

Applied Mathematics (MAS182)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This unit provides an introduction to differential and integral calculus, and basic ordinary differential equations. The concepts and techniques will be motivated and illustrated using mathematical models in the physical and biological sciences, commerce, economics and the social sciences. Other topics include complex numbers and their applications.

Lectures/tutorials: 4 hours per week.

Prerequisites: MAS164 Fundamentals of Mathematics or at least a pass in the Year 11 course Introduction to Calculus together with a final scaled score of 55% or more in TEE Applicable Mathematics OR a final scaled score of 55% or higher in WACE Mathematics (3C/3D).

Exclusions: Students who have successfully completed a calculus unit of the level of MAS161 Calculus and Matrix Algebra or higher may not enrol in this unit for credit. Students may not enrol in this unit and either MAS161 Calculus and Matrix Algebra or MAS164 Fundamentals of Mathematics concurrently.

Applied Mineralogy (ENG205)

Credit Points: 3

Not available this year

Applied Nutrition (CHI233)

Credit Points: 2

MURDOCH: S2-internal

Applies principles of nutrition science relevant to healthcare practitioners and health educators. Students will gain further understanding of the nutrition issues of individuals and sub-populations including infants and children, older persons and pregnant and lactating women. Other topics include diet and health, issues with nutritional supplementation and nutrition for the prevention of the common pathological conditions such as obesity, diabetes and heart disease. Upon completion, students will be able to apply the principles of nutrition in their professional practice.

Lectures: 2 hours per week; tutorials/workshops: 1 hour per week.

Prerequisites: Completion of Part I studies; CHI213 Nutrition or CHI281 Introduction to Biochemistry and Nutrition.

Applied Photovoltaics (ENG337)

Credit Points: 3

Not available this year

Applied Psychology Dissertation (PSY600)

Credit Points: 12

MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal

A substantial research investigation into an aspect of applied psychology reported as a relevant review of literature and journal article. Fulltime enrolment should be continuous and last no longer than 2 years. If it is determined there has been inadequate progress, a warning may be sent. Where a dissertation is not completed within the period, the student may be required to complete by a given date or, where a written warning has previously been issued, be excluded from the course.

Dissertation: approximately 9 hours per week for 37 weeks.

Prerequisites: Enrolment in MAppPsych (Clinical or Organisational).

Students commencing enrolment in the Applied Psychology Dissertation may not enrol in PSY600 and must enrol in PSY690 in conjunction with PSY655.

Applied Psychology Dissertation (PSY690)

Credit Points: 10

MURDOCH: S1-internal, S2-internal, Y-internal

A substantial research investigation into some aspect of psychology reported as a relevant review of literature and a 'journal article'.

Dissertation: approximately 9 hours per week for 37 weeks.

Prerequisites: Enrolment in MAppPsych (Clinical or Organisational); completion of, or concurrent enrolment in, PSY655 Psychology: Advanced Thesis Research Methods.

Enrolment should be continuous and last no longer than two years. If the Academic Chair determines inadequate progress, a warning may be sent. Where a dissertation is not completed within the period, the student may be required to complete by a given date (or be excluded) or, where a written warning has previously been issued, be excluded from the course.

Applied Psychology for Nursing Practice (NUR258)

Credit Points: 3

PEEL: S2N-internal

This unit will explore some of the key facets of health psychology theory and research applied to the practice of health care workers and nursing in particular. It will focus on a range of topic areas such as: health psychology across the lifespan, illness, stress and coping, dealing with loss, pain and placebos, adherence with treatment and advice, preventive health behaviour, healthy lifestyle, behaviour change, health screening.

Lecture: 1 hour per week; tutorials: 2 hours per week

Prerequisites: Completion of all Part I core BNursing units.

Exclusions: Students who have successfully completed NUR127 Introduction Mental Health and NUR128 Introduction to Mental Health - Clinical Placement may not enrol in this unit for credit.

Applied Statistics and Process Management (MAS223)*As for MAS284 except:*

Credit Points: 3

Not available this year

Applied Statistics and Process Management (MAS284)

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This unit considers the nature and causes of variation underlying the monitoring, management and control of technological and other processes, and provides an introduction to relevant statistical methodology and computer software. Topics: descriptive statistics and displays; control charting; process capability; summarisation and comparison of processes, regression methods and time-series; seasonality and periodicity; sampling plans; applications to quality control, management and improvement; simple experimental designs. Examples will be drawn from areas such as engineering, mining and manufacturing, commerce and industry.

Lectures/laboratories/tutorials: 4 hours per week.

Prerequisites: A basic understanding of simple descriptive statistics and elementary probability.

Exclusions: Students may not enrol in this unit and either of MAS180 Introduction to Statistics or MAS183 Statistical Data Analysis concurrently.

Approaches to History (HIS285)

Credit Points: 4

Not available this year

Students are introduced to a more effective use of sociological, anthropological and philosophical concepts used by historians in studying the past. In discussing various approaches and methodologies, examples will be drawn from historical studies of Anglo-American, European and non-western societies. The unit, emphasising the variety of history, will deal with the following areas: anthropology and history; sociology and history; quantification and history; social history; psychology and history; history and social practice.

Lectures: 2 hours per week; tutorials: 2 hours per week.

Prerequisites: Nil. Recommended: S181/HIS181 Introduction to History or S182/HIS182 Turning Points in History.

Approaches to History (HIS685)

Credit Points: 3

Not available this year

Students are introduced to a more effective use of sociological, anthropological and philosophical concepts used by historians in studying the past. In discussing various approaches and methodologies, examples will be drawn from historical studies of Anglo-American, European and non-western societies. The unit, emphasising the variety of history, will deal with the following areas: anthropology and history; sociology and history; quantification and history; social history; psychology and history; history and social practice.

Lectures: 2 hours per week; tutorials: 2 hours per week.

Prerequisites: Nil.

Approaches to Sustainable Development (SUS200)

Credit Points: 3

Not available this year

This unit examines the wide currency of the sustainability concept and explores the different assumptions, values and ideologies underlying different sustainability interpretations. The sustainability perspectives examined include environmental scepticism, market-based and technocratic approaches, and radical ecology. Students will explore the respective strengths and weaknesses of these various sustainability perspectives.

Approaches to the Study of Religion (REL202)

Credit Points: 3

Not available this year

This unit will explore the wide variety of approaches to the study of religion. Specific symbols, rituals, and scriptures from a variety of world religions will be examined to demonstrate the usefulness of different theoretical approaches. These approaches will include: sociology, anthropology, psychology, historical inquiry, and phenomenology.

Lectures: 1 hour per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Aquatic Ecology (ENV511)

Credit Points: 3

MURDOCH: S1-external

Aquatic Ecology aims to provide an introduction to the concepts of ecology with applications in freshwater and estuarine environments to provide a foundation for further postgraduate study in environmental science. It will cover the fundamental theories of ecology across populations, communities, ecosystems and landscapes, drawing its examples and practical work from freshwater and estuarine ecosystems.

External students should note that this unit has a compulsory week-long on-campus component during the 'non-teaching' weeks of Semester 1.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: Enrolment in Graduate Certificate in Environmental Assessment and Management or Graduate Diploma in Environmental Science or other approved graduate coursework award.

Exclusions: Students who have completed ENV268 Ecology or

ENV311 Managing Wetlands and Water are not permitted to enrol in this unit for credit.

Asia-Pacific in the Global System (POL161)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit examines issues in the Asia-Pacific region that are of current international interest and concern. Students are introduced to key concepts in politics and international studies that feature in debates over these issues: ideology, culture, nation states and nationalism, democracy, development, neo-liberalism, failed and fragile states, good governance, hegemony, empire, traditional and human security, and sustainable development.

Up to 3 hours per week.

Prerequisites: Nil.

Asian Centuries (AST102)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit is an introduction to the complex and multiple cultures of the Asian region, focusing on 'traditional' patterns and on the way these are constantly reinvented in new historical and political contexts. It examines cultural histories of Asia up to the early 1950s, exploring major turning points and highlighting such aspects as ethnicity, religion, language, art, gender, economics, and politics.

Lectures: 2 hours; tutorials: 1 hour.

Prerequisites: Nil.

Exclusions: Students who have successfully completed AST102 Introduction to Asian Cultures cannot enrol for credit in this unit.

Asian Studies Dissertation (AST634)

Credit Points: 12

MURDOCH: H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

An original substantive investigation of a relevant Asian Studies topic under the supervision of a member of academic staff. Admission to the Dissertation option requires a) a Distinction+ average in MA coursework; b) advance approval of a dissertation proposal by the Academic Chair. Students should enrol in the Asian Studies Project in the initial instance and may transfer to the Asian Studies Dissertation after approval has been obtained.

Prerequisites: Permission of the Academic Chair.

Students cannot self-enrol in this unit.

Asian Studies Project (AST384)

Credit Points: 3

Not available this year

Asian Studies Project (AST632)

Credit Points: 6

MURDOCH: H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

A Masters project in Asian Studies requires a substantive investigation of a relevant topic under the supervision of a member of the academic staff. The project will normally have 5000 words in the 4-point option, or 10,000 words in the 8-point option, completed in accordance with University requirements.

Prerequisites: Enrolment in MA in Asian Studies.

Assessment and Action Research (BED200)

Credit Points: 3

Not available this year

This unit helps prospective teachers become assessment literate, reflective practitioners and researchers. It includes studying a broad range of assessment techniques; judging the quality of various assessments; using assessment to support and improve learning and teaching; constructing assessments that are aligned with curriculum and appropriate for the learners present; and appropriately using the results of large scale, standardized assessments. The principles and methods of 'action research,' the iterative processes by which educators study and improve their praxis, underpin this unit.

Atmospheric Science (ENV213)

Credit Points: 4

MURDOCH: S1-internal, S1-external

A general unit designed to introduce the scientific study of the atmosphere and its impact on human endeavours. The unit explores meteorological phenomena with particular relevance to the Australian region and introduces satellite remote sensing, climate modelling and biosphere/atmosphere interactions. Laboratory sessions as well as computer and online activities develop generic skills appropriate to environmental research.

Lectures: 3 hours per week; practical work: 3 hours per week. External students should note that this unit has a compulsory week-long on-campus component. Due to the nature of offering this unit, students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: Nil.

Graduate, Postgraduate and Honours students should enrol in the higher-level code for this unit except where the course structure states otherwise.

Atmospheric Science (ENV242)

As for ENV213 except:

Credit Points: 3

Not available this year

Atmospheric Science (ENV513)

As for ENV213 except:

Credit Points: 4

MURDOCH: S1-internal, S1-external

Prerequisites: Enrolment in a honours or postgraduate level course.

Audiences, Users and Participants (CMS203)

Credit Points: 3

Not available this year

This unit provides practical knowledge about how media audiences, users and participants are analysed and understood. It begins with an historical approach to audience theory including media effects, audience reception traditions and the political and social shifts involved in the transformation of audiences as users and active participants. We explore different approaches to understanding how we experience the media, including broad social effects, individual responses and user generated content. Examples include mobile and citizen media, activism and culture jamming.

1x1 hour lecture and 1 x 1.5 hour tutorial

Prerequisites: CMS102 Introduction to Communication and Culture.

Exclusions: Students who have successfully completed MCC236 Media Audiences and the Public cannot enrol in this unit.

Auditing (BUS306)

As for BUS312 except:

Credit Points: 3

Not available this year

Auditing (BUS312)

Credit Points: 4

MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

The objective of this unit is to develop a theoretical and legal background to the role and responsibilities of the auditor and the audit process. Topics: the scope and limitations of auditing; the legal background to audit responsibilities and duty of care; auditing standards; accepting and planning audit engagements; evaluating audit risk; internal control; audit evidence; audit procedures; and audit reports.

Lectures/workshops/tutorials: 3 hours per week.

Prerequisites: BUS217 Technology and Accounting Processes.

Trimester offerings for this unit at Singapore (SGP1) are taught in intensive mode.

Auditing (MBS634)

Credit Points: 4

KAPLAN-SGP: TJA-internal, TSA-internal

The objective of the unit is to develop a theoretical and legal background to the role and responsibilities of the auditor and the audit process. Topics include the scope and limitations of the audit; the legal background to audit responsibilities and duty of care; auditing standards; accepting and planning audit engagements; evaluating audit risk; internal control; audit evidence; audit procedures and audit reports.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: MBS553 Accounting Processes.

Auditing (MBS680)

As for MBS634 except:

Credit Points: 3

MURDOCH: S1-internal

Australia and its Asian Context (HIS202)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Understanding Australia's present engagement with Asia demands awareness of longer term attitudes towards Asia. This unit fosters an understanding of distinctive features of Australian history in light of perceptions of Asia, for example cultural baggage carried by Australia's first white inhabitants, how this affected their understandings of non-European peoples, and Australia's history of 'dependent relations' on external protectors. It examines contemporary relations between this country and its region and contemplates the implications of 'Australia's Asian context' for

national identity.

Lectures: up to 2 hours per week; seminars: 1 hour per week.

Prerequisites: Nil.

Australia and its Asian Context (HIS302)

As for HIS202 except:

Credit Points: 3

Not available this year

Australian Administrative Law (LAW258)

Credit Points: 4

MURDOCH: S1-internal

This unit reviews the current operation of administrative law in Australia at the Commonwealth and the State level. It will examine the role of courts, tribunals and other administrative review bodies in overseeing and controlling the exercise of administrative discretion and in maintaining the accountability of government. The process of statutory interpretation adopted by administrators and the courts in determining the limits of administrative power will be examined.

Lectures: 4 hours per week; tutorials/workshops: up to 10 hours per semester.

Prerequisites: LEG150/LAW150 Australian Legal System. In addition students must have passed LEG120 (prior to 2012)/LAW120 Research and Writing/LAW120 Legal Writing for Lawyers.

Australian Administrative Law (LLB258)

As for LAW258 except:

Credit Points: 3

Not available this year

Australian Church History (THE497)

Credit Points: 4

MURDOCH: S1-external

This seminar traces the developments of Christianity in Australia through the major churches that emerged in Australian society. It will look at these developments in the context of Australian social history and political history. The study of primary documents will form a major part of this unit. Other areas investigated will include the missionary-Aboriginal encounter, the churches and education, and Christianity in Western Australia.

Prerequisites: One 200-level Church History unit.

Australian Church History (THE597)

As for THE497 except:

Credit Points: 4

Not available this year

Australian Common Law System (BCL250)

Credit Points: 4

MURDOCH: S2-internal

Focuses on the institutions of the common law and the way in which lawyers approach their work, looking at the range of legal institutions in Australia, including courts, legislative bodies, the civil services and legal profession.

Topics: development of Australia's legal system's 'common law' characteristics; working with case-law and the doctrine of precedent; nature, operation and interpretation of statutes;

alternative dispute resolution; legal practice and ethics; Inclusion and exclusion in law; development of fundamental library research skills; exam techniques.

Lectures: 4 hours per day, two-week intensive.

Prerequisites: Enrolment in Bachelor of Common Law.

Australian Environmental Issues (ENV104)

Credit Points: 3

Not available this year

This unit provides students with an overview of current environmental issues in Australia. These include land degradation, management of our forests and national parks, climate change, the ozone layer, pollution and marine and coastal management. Opportunities for conservation and environmental restoration, including the role of society in relation to these issues are addressed. An interdisciplinary approach is adopted with an emphasis on exploring solutions to these issues.

Lectures: 3 hours per week; tutorials: 1 hour per week for 6 weeks.

Prerequisites: Nil.

Australian Foreign and Security Policy (POL239)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit aims to produce critical understanding of the multiple influences on the formulation, implementation and transformation of Australian foreign policy, particularly since the Cold War ended. Its guiding questions are: What are the main factors shaping the content and objectives of Australian foreign policy? How can we understand the relationship between domestic and international politics in the contemporary world? What are the central issues facing decision-makers, and how have they responded? Who makes Australia's foreign policy and why?

Lectures/tutorials: 5 hours per fortnight.

Prerequisites: Nil.

Australian Foreign and Security Policy (POL344)

As for POL239 except:

Credit Points: 3

Not available this year

Australian Indigenous Education (EDN525)

Credit Points: 3

MURDOCH: S1-internal, S1-external

Australian Indigenous Education is designed to provide education practitioners with the necessary background and conceptual knowledge, as well as the skills, to maximize learning outcomes for Indigenous students. Within this context the unit will also explore the requirement of the The Australian Curriculum to infuse key learning areas with Indigenous perspectives so that all students learn about Aboriginal and Torres Strait Islander histories and cultures.

Lecture/ seminar: 3 hours per week

Prerequisites: Enrolment in a Postgraduate qualification.

Australian Indigenous Politics: Historical Contexts and Contemporary Issues (AIS204)

As for AIS205 except:

Credit Points: 3

Not available this year

Australian Indigenous Politics: Historical Contexts and Contemporary Issues (AIS205)

Credit Points: 4

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

This unit helps students understand contemporary Indigenous/non-Indigenous political relations. It does this by exploring the history of Indigenous/non-Indigenous relations in terms of changing settler attitudes and policies, evolving Indigenous responses, and the effects on these of both left- and right-wing domestic politics, as well as of Australia's place in the global political community. It examines controversial topics like the Northern Territory Intervention, explanations for Indigenous disadvantage, and the new National Congress of Australia's First Peoples.

Lecture: 1 hour per week; Workshop: 2 hours per week

Prerequisites: Nil.

Australian Legal System (BJU100)

Credit Points: 3

MURDOCH: S1-internal, S2-internal

This unit introduces students to the institutions of the law and how lawyers approach their work. It looks at a range of legal institutions in Australia, including courts, legislative bodies, and the legal profession. It develops fundamental library research skills, and focuses on the analysis and application of case law and the nature, operation and interpretation of statutes. Topics include: the development of the Australian legal system's 'common law' characteristics; alternative dispute resolution; legal ethics; and access to justice issues.

Lectures: 1.5 hours per week; tutorials/workshops: 1.5 hours per week.

Prerequisites: Enrolment in a Bachelor of Laws.

Exclusions: Students who have successfully completed a Foundation Unit (units beginning with FDN) may not enrol in this unit for credit.

Australian Legal System (LAW150)

Credit Points: 3

Not available this year

Focuses on the institutions of the law and the way in which lawyers approach their work, looking at the range of legal institutions in Australia, including courts, legislative bodies, the civil services and the legal profession. Topics: development of Australian legal system's 'common law' characteristics; working with case-law and the doctrine of precedent; nature, operation and interpretation of statutes; alternative dispute resolution; legal practice and ethics; inclusion and exclusion in law; development of fundamental library research skills.

Lectures and tutorials: 3 hours per week.

Prerequisites: Enrolment in LLB or Juris Doctor (pre-2014).

Exclusions: Students who have successfully completed LEG150 Australian Legal System (prior to 2011) may not enrol in this unit for credit.

Australian Literature and Film (EGL235)*As for EGL284 except:*

Credit Points: 3

Not available this year

Australian Literature and Film (EGL284)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit uses postcolonial approaches to trace the development of Australian literature from its colonial beginnings to the present day. A wide variety of texts will be introduced -- books, extracts from literary works or documents such as explorers' notebooks, settlers' letters and diaries. There will also be opportunities to study film versions of literary texts. The works selected will provide the basis for studying cultural change in Australia in terms of changing attitudes to Europe, Aboriginal history and national identity.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Australian Migration Law (LLB502)

Credit Points: 3

MURDOCH: SP22-internal, UA1-internal

This unit covers the fundamentals of Australian Migration law. This unit is designed to equip participants with skills needed to communicate as a migration agent. Topics covered include an introduction to the Australian legal system with a focus on introducing the legislative and policy framework, the role of the courts, the context of migration regulation, researching legal materials; general concepts of migration procedure including visa application procedures and the role of migration agents and the profession.

Taught intensively over three weeks; refer to timetable or information on the School of Law website for details. Due to the nature of the offering of this unit, students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Co-ordinator closer to the commencement date of the teaching period.

Prerequisites: Enrolment in the Graduate Certificate in Australian Migration Law and Practice.

Australian Public Sector (SWM510)

Credit Points: 3

Not available this year

The functions and practices of the Australian public sector have undergone significant change over recent decades. Examine these changes within the context of the Australian parliamentary system and its federal structures. Major issues considered include public sector restructuring, outsourcing, the politicisation of the policy process, and public-private interdependencies. Examine the practical implications of these trends for the theory of responsible government and the exercise of public authority, providing the critical tools to assess these new challenges.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Exclusions: Students who have successfully completed POL551 Government Agencies in a Changing World may not enrol in this unit for credit.

Australian Visa System (LLB503)

Credit Points: 3

MURDOCH: AU10-internal, SP1-internal

This unit examines the fundamentals of Australia's visa system including valid visa applications, decision making procedures, general requirements for visas. The unit will cover refusal or cancellation of visas; sanctions for breaches of visa conditions; the consequences of unlawful status; detention, removal and deportation; offences under the Migration Act; merits and judicial review and ministerial discretion. Students will learn to problem solve and appraise pathways and client options, determine strategies and formulate advice on various visa and review options.

Taught intensively over three weeks; refer to timetable or information on the School of Law website for details. Due to the nature of the offering of this unit, students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Co-ordinator closer to the commencement date of the teaching period.

Prerequisites: Enrolment in the Graduate Certificate in Australian Migration Law and Practice; LLB502 Australian Migration Law.

Australian Youth Culture (SOC203)*As for SOC230 except:*

Credit Points: 3

Not available this year

Australian Youth Culture (SOC230)

Credit Points: 4

MURDOCH: S2-internal, S2-external

On the one hand youth is often presented as a period of storm and stress or a time of crisis. On the other hand youth culture is often something many seek out, envy, and desire. This unit will acquaint students with Australian and international literature concerned with the study of youth. Students will be introduced to the history of youth, major theoretical traditions on youth culture and the various media, policy and professional responses to youth needs and interests.

Lectures/tutorials: up to 3 hours per week.

Prerequisites: Nil.

Avian, Exotic Pet and Wildlife Practice (VET453)

Credit Points: 2

MURDOCH: S1-internal

This unit covers basic principles of avian, exotic pet and native wildlife medicine. The course will cover appropriate methods of physical and chemical restraint; diagnosis and treatment of common diseases and injuries; and aspects of nutrition and husbandry associated with maintaining these types of animals in captivity.

Lectures: 24 hours; practicals: 6 hours.

Prerequisites: Enrolment in Applied Veterinary Medicine. Completion of VET459 Surgical Secrets, VET456 Anaesthesia, Emergency and Critical Care, VET462 Veterinary Diagnostic Imaging.

BA Honours Thesis in Psychology (PSY5078)

Credit Points: 15

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, W-internal, W-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Psychology (BA).

Babies and Toddlers Growing and Learning (EDN537)

Credit Points: 3

MURDOCH: S1-external

This unit provides students with a socio-cultural perspective of children's growth and learning across the developmental domains. A range of key concepts and contemporary issues pertaining to early childhood pedagogy, principles and practices that support and enrich children's growth and learning 0-3 years are investigated.

On-campus meetings usually available.

Prerequisites: Enrolment in the Graduate Certificate in Early Childhood Education and Care or Graduate Diploma in Early Childhood Education and Care or Graduate Diploma in Education Studies (ECE).

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit.

Bachelor of Arts Research Skills Unit (BAR200)

Credit Points: 3

Not available this year

In this unit you will build on the skills you learned in your transition unit. This year you will focus on a broad range of skills, methods and processes used for research in your degree. You will be more actively engaged in the process of evaluating research and learn the skills required to design research studies to answer questions or problems of interest. This unit will equip you with more advanced skills in preparation for Research Year 3 and beyond.

Bachelor of Arts Research Skills Unit (BAR300)

Credit Points: 3

Not available this year

In this unit you will be guided through the full research process: you will start with an evaluation of a question or problem of interest; you will then develop an appropriate research design to acquire relevant data; you will choose an appropriate method of analysis; and finally you will come to a reasoned conclusion about the original question or problem of interest. This unit will equip you with the basic skills to undertake independent research in your own degree.

Bachelor of Business Research Skills Unit (BBS200)

Credit Points: 3

Not available this year

In this unit you will build on the skills you learned in your transition unit. This year you will focus on a broad range of skills, methods and processes used for research in your degree. You will be more actively engaged in the process of evaluating research and learn the skills required to design research studies to answer questions or

problems of interest. This unit will equip you with more advanced skills in preparation for Research Year 3 and beyond.

Bachelor of Business Research Skills Unit (BBS300)

Credit Points: 3

Not available this year

In this unit you will be guided through the full research process: you will start with an evaluation of a question or problem of interest; you will then develop an appropriate research design to acquire relevant data; you will choose an appropriate method of analysis; and finally you will come to a reasoned conclusion about the original question or problem of interest. This unit will equip you with the basic skills to undertake independent research in your own degree.

Bachelor of Science Research Skills Unit (BSC200)

Credit Points: 3

Not available this year

In this unit you will build on the skills you learned in your transition unit. This year you will focus on a broad range of skills, methods and processes used for research in your degree. You will be more actively engaged in the process of evaluating research and learn the skills required to design research studies to answer questions or problems of interest. This unit will equip you with more advanced skills in preparation for Research Year 3 and beyond.

Bachelor of Science Research Skills Unit (BSC300)

Credit Points: 3

Not available this year

In this unit you will be guided through the full research process: you will start with an evaluation of a question or problem of interest; you will then develop an appropriate research design to acquire relevant data; you will choose an appropriate method of analysis; and finally you will come to a reasoned conclusion about the original question or problem of interest. This unit will equip you with the basic skills to undertake independent research in your own degree.

Biblical Hebrew I (REL207)*As for THE101 except:*

Credit Points: 3

Not available this year

Biblical Hebrew I (THE101)

Credit Points: 3

Not available this year

An introduction to Biblical Hebrew, its vocabulary, grammar and syntax. Emphasis is placed on the reading of Hebrew, and the aim is to provide a basic understanding so that students can read with the aid of tools.

Lectures/tutorials: 4 hours per week.

Prerequisites: Nil.

Biblical Hebrew II (REL208)*As for THE201 except:*

Credit Points: 3

Not available this year

Biblical Hebrew II (THE201)

Credit Points: 4

Not available this year

Further development of skills in reading biblical texts, including aspects of textual criticism. Representative passages will be selected.

Lectures/tutorials: 4 hours per week.

Prerequisites: S101/THE101 Biblical Hebrew I.

Biochemistry I (BIO247)*As for BIO270 except:*

Credit Points: 3

Not available this year

Biochemistry I (BIO270)

Credit Points: 4

MURDOCH: S2-internal

An integrated approach to biochemical processes of living cells. Introduction to the major metabolic pathways, enzymology and the mechanisms of protein synthesis. The unit also emphasises biochemical problem solving. Topics: structure and function of membranes; bioenergetics; enzyme kinetics and enzyme inhibition; digestion and absorption; carbohydrate, amino acid, fatty acid and nucleic acid catabolism; oxidative phosphorylation and electron transport; foreign compound metabolism; photosynthesis; carbohydrate, amino acid, fatty acid, purine and pyrimidine biosynthesis; biosynthesis of DNA, RNA and protein; numerical problem solving.

Lectures: 3 hours per week; laboratories/tutorials: 4 hours per week.

Prerequisites: BIO152 Cell Biology and CHE144/PEC144 Chemical Principles.

Exclusions: Students who have successfully completed BMS261 Human and Comparative Biochemistry or ANS251 Agricultural Biochemistry may not enrol in this unit for credit.

Biochemistry II (BIO371)

Credit Points: 4

MURDOCH: S2-internal

How do cells communicate? What effect does your diet have on your body? This unit advances your knowledge of biochemistry and shows you how biochemical regulation and signalling can function at the cellular level to effect change in the whole organism. These concepts will be applied to the following areas: regulation of enzyme activity and protein function; mechanism of action of hormones and growth factors; metabolic integration and tissue specialisation; and cell proliferation and cancer.

Lectures/workshops: 3 hours per week.

Prerequisites: BIO270 Biochemistry I or BMS261 Human and Comparative Biochemistry or ANS251 Agricultural Biochemistry.

Biodiversity (BIO257)

Credit Points: 3

Not available this year

This unit introduces students to the major groups of Australian plants and animals. In doing so it illustrates: the major characteristics of our unique flora and fauna; how their form is adapted to habitat; their relative importance in the ecology of Australia; their cultural significance; and the threats to their existence. The practicals concentrate on developing skills to identify major groups of plants and animals, using examples from the biodiversity-rich regions of Western Australia.

Lectures: 2 hours per week; practicals: 3 hours per week.

Bioethics and Law for Health Care Leadership (SHP510)

Credit Points: 3

MURDOCH: S1-external, S2-external

This unit will focus on recognising actual and potential ethical dilemmas in professional practice and health care leadership, and how ethical decisions are made, justified and reviewed. A conceptual framework will be used to explore the role of the decision makers which includes their actual and perceived roles, professional values, and communication and collaboration practices when decisions with an ethical dimension have to be made. Ethical decision making in professional practice and health care leadership will also be examined.

External: No attendance required

Prerequisites: Enrolment in a postgraduate course.

Exclusions: Students who have successfully completed NUR610 Bioethics and Law for Health Care Leadership may not enrol in this unit for credit.

Biomechanics I (EXS2041)*As for EXS209 except:*

Credit Points: 3

Not available this year

Biomechanics I (EXS209)

Credit Points: 4

MURDOCH: S2-internal

This unit teaches students principles of biomechanics and their application to human movement from both a theoretical and practical perspective. Skills in motion palpation for analysis of the joints and soft tissues of the spine and extremities will also be developed.

Lectures: 4 hours per week; practicals: 3 hours per week.

Prerequisites: Enrolment in Chiropractic Science (B1274); CHI124/EXS124 Principles of Sports Science (or CHI109 Chiropractic Skills and Principles I) AND CHI108 Functional Human Anatomy (or BMS108 Comparative Musculoskeletal Anatomy).

Exclusions: Student who have successfully completed CHI209 Biomechanics or Biomechanics and Diagnostic Palpation Skills may not enrol in this unit for credit.

Students enrolled in B1286, B1279 or B1264 should enrol in CHI2091.

Biomechanics I (EXS2091)

As for EXS209 except:

Credit Points: 4

MURDOCH: S2-internal

Lectures: 4 hours per week; practicals: 1 hour per week.

Prerequisites: CHI124/EXS124 Principles of Sports Science (or CHI109 Chiropractic Skills and Principles I) AND CHI108 Functional Human Anatomy (or BMS108 Comparative Musculoskeletal Anatomy).

Exclusions: Student who have successfully completed CHI2091 Biomechanics or Biomechanics and Diagnostic Palpation Skills may not enrol in this unit for credit.

Students enrolled in Chiropractic Science (B1274) should enrol in CHI209.

Biomechanics II (EXS304)

Credit Points: 3

Not available this year

Biomedical Instrumentation (ENG371)

Credit Points: 4

MURDOCH: S1-internal

This unit builds upon the prerequisites of DC/AC circuits and electronics, anatomy and physiology, control and dynamics to understand and develop a working knowledge of the principles and operations of the types of sensors and instrumentation associated with making biomedically oriented measurements used in diagnostic, intensive care and normal monitoring of patients.

No formal contact hours but by arrangements with the Unit Coordinator.

Prerequisites: ENG262 Principles of Electronic Instrumentation; ENG243 Circuits and Systems II; BMS264 Biomedical Physiology.

Biomedical Physiology (BMS206)

As for BMS264 except:

Credit Points: 3

Not available this year

Biomedical Physiology (BMS264)

Credit Points: 4

MURDOCH: S1-internal

This unit will cover the functioning of the individual organs and tissues of humans and other mammals, including nervous, muscular, cardiovascular, respiratory, renal and alimentary systems. The mechanism of action will be considered in terms of the cellular and tissue structure and the physical processes necessary to maintain the healthy body. This will include a detailed study of the histology of each tissue. Control mechanisms will be outlined. Practical exercises will utilise computer simulations and human subjects.

Lectures: 4 hours per week; practicals: 4 hours per week or equivalent.

Prerequisites: BMS107 Principles of Vertebrate Biology.

Biomedical Signal Processing (ENG372)

Credit Points: 4

MURDOCH: S1-internal

This unit builds upon the prerequisite electronics, mathematics, control and dynamics to provide a solid foundation in signal processing. Some of the areas covered will include Fourier analysis, digital signal processing and filtering. This unit will provide a solid mathematical background and places a strong emphasis on computer based analysis tools and hardware requirements.

No formal contact hours but by arrangements with Unit Coordinator.

Prerequisites: ENG243 Circuits and Systems II; ENG267 Control Systems and Process Dynamics; ENG109 Computing for Scientists and Engineers; MAS208 Mathematical Modelling.

Biomedical Systems Engineering (ENG373)

Credit Points: 4

MURDOCH: S1-internal, S2-internal

Looks at a variety of human anatomical and physiological systems from an engineering perspective. In particular, the application of system analysis and modelling to develop, understand and have a working knowledge of mathematical and computer based models which encapsulate the dynamic and steady state aspects of a variety of important biomedical systems. Includes musculoskeletal, cardiovascular, temperature regulatory, neural and sensory systems. Relies and builds heavily upon the prerequisites of biomedical instrumentation, biomedical signal processing, mathematical modelling, control and dynamics.

No formal contact time but by arrangements with the Unit Coordinator.

Prerequisites: ENG371 Biomedical Instrumentation; ENG372 Biomedical Signal Processing; MAS208 Mathematical Modelling; ENG267 Control Systems and Process Dynamics; BMS264 Biomedical Physiology.

Biosecurity for Food Security (BIO681)

Credit Points: 3

Not available this year

The global food security challenge is to feed the world in the face of climate change, population growth, uneven food distribution, a shortage of water and suitable soils to increase food production, volatile markets and degraded ecosystems. Using case studies, this unit will explore biosecurity policies that underpin food security and trade in an international context. Students will explore the concept of producing, protecting and providing food, to ensure sustainable food production for present and future generations.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award. BIO639 Biosecurity Threats and Invasions.

Biosecurity Policy Framework Obligations (BIO539)

Credit Points: 3

MURDOCH: S2-external

All domestic and international trade is regulated and compliance to regulations is part of the core, day-to-day activities of a plant biosecurity professional. For most countries the overarching regulatory framework is the International Plant Protection



Convention (IPPC). This international agreement impacts international trade and relations and also domestic trade arrangements and quarantine. By working through the operational principles of the IPPC, this unit provides an in-depth knowledge of the regulatory framework under which plant biosecurity professionals operate.

This unit is delivered online.

Prerequisites: Enrolment in the Graduate Diploma in Plant Biosecurity, Master of Plant Biosecurity, Master of International Affairs or Master of Public Policy and Management. Students enrolled in G1047 Graduate Diploma in Plant Biosecurity or M1172 Master of Plant Biosecurity must have completed BIO538 Plant Biosecurity in Practice; students enrolled in M1196 Master of International Affairs or M1194 Master of Public Policy and Management must have completed BIO639 Biosecurity Threats and Invasions or have permission from the Academic Chair and Unit Coordinator, to enrol in this unit.

Biosecurity Threats and Invasions (BIO639)

Credit Points: 3

Not available this year

Biological Security (biosecurity) refers to the protection of people, plants and animals from pests and diseases. It is a broad, multidisciplinary field encompassing science, law, economics, mathematics and sociology. In this unit you will be introduced to the International frameworks that drive global biosecurity and the Australian biosecurity system. Using real-life examples and case studies you will learn about preparedness, surveillance, diagnostics, emergency response and management of pests and diseases threatening to invade Australia.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Biostatistical Methods (MAS224)

As for MAS230 except:

Credit Points: 3

Not available this year

Biostatistical Methods (MAS230)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Biostatistics is concerned with the collection, summarisation, analysis and interpretation of data arising in the life and health sciences. This unit builds on introductory statistical work, emphasising practical methods relevant to biological and health applications. These include design and analysis of simple experiments and clinical trials, lifetable methods, assessment of risk factors, analysis of categorical data and a brief introduction to failure-time analyses. Practical aspects are enhanced via regular workshop analyses and a small project.

Lectures/workshops: 4 hours per week.

Prerequisites: MAS180 Introduction to Statistics or MAS183 Statistical Data Analysis or MAS184 Biostatistics and Information Retrieval.

Bodies of Evidence (BIO215)

Credit Points: 4

MURDOCH: S1-internal

This unit focuses on the collection and presentation of evidence derived from the biological and chemical investigation of homicide. It introduces the role of the Coroner's Court and discusses evidence derived from the key disciplines of forensic pathology, forensic anthropology, forensic botany and forensic chemistry. A complex murder case is investigated and the evidence is presented in a moot court. Protocols for the collection and presentation of evidence including chain of custody, expert testimony and forensic report writing are emphasised.

Lectures/workshops: 3 hours per week; laboratories: 20 hours per semester; The forensic pathology component of this unit is taught, intensively, throughout one of the non-teaching weeks in the semester; see the Teaching Timetable for further details.

Prerequisites: CHE144/PEC144 Chemical Principles and BIO152 Cell Biology.

Bodies of Evidence (BIO315)

As for BIO215 except:

Credit Points: 3

Not available this year

BPsych Practical Placements (PSY444)

Credit Points: 4

MURDOCH: S1-placement (quota of 40 places), S2-placement (quota of 40 places)

The purpose of this unit is to give students opportunities to gain skills and experience from a workplace in an applied setting. Supervision will be provided jointly by university staff and practitioners in, whenever possible, the field of choice. This unit is designed to comply with the University Workplace learning policy. Students must apply and selection is based on academic performance in Psychology units and other criteria.

5 days placement preparation (which includes 6 hours of required seminar participation) and 15 days on placement.

Prerequisites: PSY311 Psychology: Advanced Quantitative Research Methods or PSY315 Psychology: Advanced Qualitative Research Methods or enrolment in Postgraduate Diploma in Psychology.

Students may require Police Clearance and Working with Children Certificates where appropriate. Students wishing to apply for the unit must submit an application from (available from <http://www.psychology.murdoch.edu.au/forms.html>) to the Unit Coordinator.

This unit is subject to quota. Selection may be based on academic performance in core Psychology units, as well as other criteria and the number of placements available.

Britain and the Reformation Era (THE623)

Credit Points: 3

MURDOCH: S1-internal, S1-external

The European Reformations of the sixteenth century were fundamental influences on the shaping of modern Western Christianity. This unit will examine ways in which the British denominations, both Protestant and Roman Catholic, arose or were reshaped by that period of their history. The unit will explore ways in which British Christianity was influenced by continental religious developments, as well as by political and cultural developments in the period.

Seminars: 2 hours per week

Prerequisites: THE509 Turning Points in Church History

Britannia to the Beatles: Power, Sex and Identity in Modern Britain (HIS220)

Credit Points: 4

Not available this year

This unit examines Britain from 1901 until 2000. It follows the British people during the great changes that occurred in the twentieth century such as the dislocation brought about by international wars and the decline of the Empire. The theme of identity is used to examine the ways in which gender, ethnicity and class have worked to divide and/or unite the British nation. Topics include: Scottish and Welsh nationalism, British cinema, 'Swinging London', Thatcherism and immigration.

Lectures: 2 hours per week; tutorials 1.5 hours per week.

Prerequisites: Nil.

BSc Honours Thesis in Psychology (PSY5099)

Credit Points: 15

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, W-internal, W-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Psychology (BSc).

Building Blocks for Science Students (BSC100)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Now more than ever we look to science to help overcome major challenges facing the world we live in. Approaching science requires a understanding of the scientific method and skills. This unit will facilitate your transition into university and give you the framework of skills you need for lifelong learning including: literacy, numeracy and information technology; the ability to collect, analyse and evaluate information; think clearly, critically and creatively; and discipline-specific skills in scholarly research, communication and ethical practice.

Lectures: 2 hours per week; tutorials: 2 hours per week during weeks 1-3 and 10-14; computer laboratories: 2 hours per week during weeks 5-8.

Prerequisites: Enrolment in a Bachelor of Science, Bachelor of Animal Science, Bachelor of Environmental Management, Bachelor of Environmental Science, Bachelor of Extractive Metallurgy, Bachelor of Forensics, Bachelor of Information Technology Management, Bachelor of Marine Science, Bachelor of Sports Science, or Bachelor of Sustainability.

Exclusions: Students who have successfully completed a Foundation Unit (units beginning with FDN) may not enrol in this unit for credit.

Bullargar Katitjin - Learning Together (AIS266)

Credit Points: 4

MURDOCH: W-internal

Bullargar katitjin is a unique opportunity to learn about Nyungar people and culture on Nyungar land. This intensive cultural immersion experience explores Nyungar identity, family, spirituality and 'country'. We explore the Nyungar contribution to the development of Western Australia and issues facing Nyungar people today. Students take field trips to significant sites and meet Elders and community members. This unit's critical framework draws on Indigenous life-writing and scholarship and its intersections with non-Indigenous writing about Aboriginal people.

Due to the nature of offering this unit students enrolling in Winter Term are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: Nil.

Enrolment by permission of the Unit Coordinator only. This unit will have additional costs for the field trip components. Additional costs include but are not limited to travel, accommodation, meals, facilities hire etc.

Bullargar Katitjin - Learning Together (AIS2661)

As for AIS266 except:

Credit Points: 6

Not available this year

Prerequisites: Enrolment as an International Student in a Not For Award course and by permission of the Unit Coordinator only.

Domestic students should enrol in the 4-point version of this unit. This unit will have additional costs for the field trip components, including but not limited to travel, accommodation, meals, facilities hire etc.

Bullargar Katitjin - Learning Together (AIS267)

As for AIS266 except:

Credit Points: 3

Not available this year

Business Analysis and Systems Development Approaches (ICT501)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit aims to further develop the knowledge and skills that are critical to effective business analysis and design, building on knowledge from undergraduate systems analysis and design units. The unit emphasises business process modelling and the tools that can be used to analyse, model, and design business processes. Agile system development methodologies will be contrasted with more formal approaches and the unified process life cycle model examined. Software evaluation and selection, and global distributed development processes will be covered.

Workshops: 3 hours per week.

Prerequisites: Enrolment in a graduate IT course or permission of the Academic Chair.

Exclusions: Students who have completed ICT532 Advanced Business Analysis and Design may not enrol in this unit for credit.

Business and Technical Communication (BUS204)

Credit Points: 4

Not available this year

Business and Technical Communication describes the theory and use of communication, in both the written and oral forms. There is a strong emphasis on presentation skills, arguably one of the most important skills for Managers and Marketers in today's business world. This unit covers Written communications, the critical analysis of research and existing written communication. Students will gain insight into the ethics of communications, cultural and gender issues in communication and communication for the virtual world and international business.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed C170 Business and Technical Communication may not enrol in this unit for credit.

Business Feasibility and Management Concepts (BUS215)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Introduces students from disciplines other than business to areas of business feasibility and management planning activity which may be useful to graduates within their chosen work environment. The unit considers business structures, legal and intellectual property issues, concepts of marketing, organisational and personnel behaviour and financial planning. Business planning, feasibility, and business research methods will also be considered from both an entrepreneurial and business perspective. There will be a strong focus towards technology and science based commercialisation and related issues.

Lectures: 2 hours per week; workshops: 1 hour per week.

Prerequisites: Enrolment in any major except for Accounting, Banking, Business Law, Chinese Business, Finance, Hospitality and Tourism Management (Commerce major)*, Human Resource Management, International Business, Management, Marketing Management, Marketing.

Students enrolled in Bachelor of Business majors, except for Entrepreneurship and Innovation, will not be permitted to enrol in this unit for credit. They should consider BUS274 Entrepreneurship in Organisations.

It is strongly recommended that Biotechnology and Marine Science students complete this unit internally.

Business Finance (MBS605)

Credit Points: 4

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

SGP1: TSR-internal

This unit examines the financial management issues of a business entity. The tools used by financial managers are introduced and applied in a variety of long and short term financing and asset management contexts. Topics include financial mathematics, capital budgeting, risk and return relationships, cost of capital and working capital management.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in an Honours or Graduate-level course.

Business Finance (MBS645)

As for MBS605 except:

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Business Intelligence Application Development (ICT394)

Credit Points: 3

Not available this year

Business Intelligence Tools and Techniques (ICT208)

Credit Points: 4

MURDOCH: S1-internal, S1-external

DUBAI-ISC: TJD-internal, TSD-internal

KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

SGP1: TMB-internal, TSB-internal

Business Intelligence (BI) is a set of outcomes aimed at facilitating better decision making through the analysis and presentation of organisational data to decision makers. This unit explores the tools and methods used in BI. Topics include: decision making, organisational data sources, data warehousing, data analysis, data and text mining, business performance management and BI presentation suites. Theories introduced are complemented by workshop sessions using various BI tools and techniques.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil. Some basic familiarity with spreadsheets and the Internet is assumed.

Exclusions: Students who have successfully completed ICT208 Commercial Computing may not enrol in this unit for credit.

Business Negotiations in International Perspective (BUS341)

As for BUS346 except:

Credit Points: 3

Not available this year

Business of Freelancing (WEB303)

Credit Points: 3

Not available this year

This unit focuses on the business and management of setting up and running a creative practice as a freelancer. This will involve focusing on business fundamentals, taxation, contracts, estimating, budgets, grant writing and securing funding. Students will also concentrate on leveraging these various skill sets in an online environment.

Lectures: 1 hour online; laboratories: 3 hours.

Prerequisites: Nil.

Calculus and Matrix Algebra (MAS161)

Credit Points: 3

MURDOCH: S2-internal, S2-external

Calculus and matrix algebra form the basis of the mathematical knowledge required to model physical, environmental, biological and engineering systems and investigate their behaviour. This unit assumes an understanding of the basic topics and develops them further. Vector and matrix operations, determinants, inverses and eigenvalues will be considered along with differentiation, integration, sequences and series, differential equations, introductory multivariable calculus and multiple integration. Applications will be considered, with computer algebra packages used to reduce tedious calculations and present results.

Lectures/tutorials/computer laboratories: 4 hours per week.

Prerequisites: MAS182 Applied Mathematics or a final scaled score of 55% or more in TEE Calculus or equivalent OR a final scaled score of 55% or higher in WACE Mathematics: Specialist (3C/3D).

Exclusions: Students may not enrol in this unit and either MAS164 Fundamentals of Mathematics or MAS182 Applied Mathematics concurrently.

Campaign Management (MCC307)

Credit Points: 4

MURDOCH: S2-internal
 DUBAI-ISC: TMD-internal
 KAPLAN-SGP: TMA-internal
 KDUPJ: S2U-internal
 SGP1: TMB-internal

This unit consolidates professional public relations skills through practical experience with a 'real life' organisation. Working in teams, students develop a public relations strategy or communication plan for a not-for-profit organisation over the course of the semester, culminating in a formal conference presentation to the organisation, students and mentors. Students learn about strategy development, client management, program research, planning, design and evaluation as well as budgeting and scheduling.

Lectures: 1 hour per week; tutorials: 1.5 hours per week; student conference (all day).

Prerequisites: MCC204 Public Relations: Contemporary Approaches.

Exclusions: Students who have successfully completed MSC307 Media Planning and Promotion may not enrol in this unit for credit.

Campaign Management (PRO307)

As for MCC307 except:

Credit Points: 3

Not available this year

Cardiopulmonary Rehabilitation (EXS401)

As for EXS552 except:

Credit Points: 3

Not available this year

Cardiopulmonary Rehabilitation (EXS552)

Credit Points: 2

MURDOCH: T1-internal

This unit will provide the student with an advanced understanding of cardiopulmonary assessment and cardiopulmonary rehabilitation techniques. The student will be provided advanced information concerning a cardiopulmonary disease and conditions that limit physical function. The learner will be provided with the necessary skills to devise a rehabilitation program for a range of individuals with cardiopulmonary disorders.

Lectures: 2 hours; laboratories/workshops: 2 hours.

Prerequisites: The successful completion of all BSc Exercise Physiology core units from years 1 to 3.

Exclusions: Student who have successfully completed CHI552 Cardiopulmonary Rehabilitation may not enrol in this unit for credit.

Case Conceptualisation and Assessment in Counselling (CSL566)

Credit Points: 3

MURDOCH: S1-internal
 PEEL: S1-internal

This unit prepares students for counselling practice by providing a framework for conceptualising and assessing common psychological problems encountered in counselling practice and introducing approaches to assessing therapeutic progress and outcomes.

Lectures: 3 hours per week.

Prerequisites: Must be enrolled in the Postgraduate or Graduate Certificate of Counselling, Postgraduate or Graduate Diploma of Counselling or Master of Counselling. Completion of, or current enrolment in PSY582/PSY531 Principles of Counselling 1 or by permission of the Counselling Academic Chair.

Exclusions: Students who have successfully completed PSY527/566 (Counselling: Case Conceptualisation and Assessment) may not enrol in this unit for credit.

Case Reports (VET622)

Credit Points: 3

MURDOCH: S1-external (quota of 20 places), S2-external (quota of 20 places)

This unit aims to develop professional writing skills. Three reports describing cases candidates have managed must be written to publication standard. Two should demonstrate ability to diagnose and manage cases using a problem solving approach. The third requires a review of relevant literature and should demonstrate ability to integrate wider reading into patient management.

External.

Prerequisites: Enrolment in the Master of Veterinary Studies in Small Animal Practice (M1022) or Postgraduate Certificate in Veterinary Studies in Small Animal Practice (C1074). Students must have completed 4 of the specified electives units including VET694 Evidence-Based Clinical Practice.

This unit is subject to quota. Quota is due to limited resources. Selection is by application only.

Case Studies of Renewable Energy Systems (PEC620)

Credit Points: 4

MURDOCH: S2-internal, S2-external, Y-external

Through a set of case studies of renewable energy systems the principles of innovation, project management, demonstration and commercialisation are developed. These studies include grid connected and remote area applications of the major renewable energy technologies. The unit also includes a review of the renewable energy industry, the financing of major projects and a discussion of evaluation methods for renewable energy projects.

Lectures/tutorials: 3 hours per week.

Prerequisites: PEC490/PEC590 Energy Systems.

Cattle and Camelid Medicine, Production and Surgery (VET455)

Credit Points: 3

MURDOCH: S2-internal

The unit covers the diagnosis, treatment, prevention and control of diseases of cattle and camelids. Particular emphasis is placed on the prevention of disease and correction of management and nutritional factors affecting production in cattle. The general principles involved in the investigation of cattle herd problems are emphasised.

Lectures: 48 hours; practicals: 12 hours.

Prerequisites: Enrolment in Applied Veterinary Medicine. Completion of VET459 Surgical Secrets, VET456 Anaesthesia, Emergency and Critical Care, VET462 Veterinary Diagnostic Imaging, VET461 General Small Animal Practice.

Celtic Law and Society (LAW236)

Credit Points: 4

Not available this year

This unit will introduce students to the role of Gaelic law in early medieval Irish society (AD 650 to 900). The native Irish legal system was remarkably advanced in many of its details, and the vernacular materials for its study are greater than those for any other medieval European legal system.

Taught over the first 6 weeks of semester. Lectures: 2 x 2 hours per week for 6 weeks.

Prerequisites: Enrolment in the LLB or Juris Doctor (pre-2014).

Celtic Law and Society (LEG236)*As for LAW236 except:*

Credit Points: 4

Not available this year

Taught over the first 6 weeks of semester. Lectures: 2 x 2 hours per week for 6 weeks.

Prerequisites: Nil.

Celtic Law and Society (LEG296)*As for LAW236 except:*

Credit Points: 3

Not available this year

Celtic Law and Society (LLB296)*As for LAW236 except:*

Credit Points: 3

Not available this year

Changing Economies of Asia (BUS272)

Credit Points: 4

MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal

This unit involves a comparative examination of the development and economic performance of selected Asian economies. The spectacular performance of some Asian economies has shifted the world balance of economic power and has major implications for all trading nations. Topics covered include growth theories, globalisation, government policy, export-led growth, multinational corporations, financial markets, corporate governance, labour markets, the environment and income distribution.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Chaplaincy in Theory and Practice (THE513)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit introduces the theoretical foundations of chaplaincy. Students will also have the opportunity to develop an understanding of specific forms of chaplaincy (schools, hospitals, industrial contexts, etc.) with an emphasis on the practice of chaplaincy in these specific contexts.

Prerequisites: Enrolment in Graduate Diploma in Chaplaincy.

Chemical Analysis (CHE207)*As for CHE240 except:*

Credit Points: 3

Not available this year

Chemical Analysis (CHE240)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Determining the chemical constituents of complex solutions, foods, materials and soil samples all require the use of chemical analysis. This unit will provide students with a sound grasp of the fundamental principles underlying modern analytical chemistry and provides instruction in sample preparation, obtaining quality data and the use of wet chemical, separation, spectroscopic and electrochemical techniques. Students are trained in laboratory techniques frequently used in chemical, environmental, and forensic analysis, enabling them to solve practical analytical problems in many contexts.

Lectures/workshops: 4 hours per week; laboratories: up to 4 hours per week.

External: compulsory 5 day on-campus laboratory session.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to commencement of the teaching period.

Prerequisites: CHE144 Foundations of Chemistry/PEC144 Chemical Principles.

Exclusions: Students who have successfully completed PEC240 Analytical Chemistry or BIO251 Analytical and Food Chemistry may not enrol in this unit for credit.

Chemical Processes (CHE247)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Understanding the theoretical foundations of chemical phenomena allows prediction and manipulation of these processes. This unit introduces a number of important topics that contribute to chemical processes including reactions in gases and liquids, the nature of surfaces and reactions at surfaces, chemical kinetics, structural, thermal and transport properties of solids, liquids and gases, including phase transitions and phase diagrams and the impact of electronic structure of molecules on reactions. Examples are drawn from catalytic, biological and industrial processes.

Lectures/workshops: up to 4 hours per week; laboratories: up to 4 hours per week.

External: compulsory 5-day on-campus laboratory session.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to commencement of the teaching period.

Prerequisites: CHE/PEC144 Chemical Principles; MAS182 Applied Mathematics OR MAS161 Calculus and Matrix Algebra.

Exclusions: Students who have successfully completed PEC247 Physical and Inorganic Chemistry may not enrol in this unit for credit.

Children and Crime (CRM302)

Credit Points: 3

Not available this year

Children and Crime explores the victimisation and subsequent offending behaviour of children. The unit will cover the different forms of victimisation experienced by children, as well as outline the socio-psychological ramifications of that victimisation. The unit then goes on to explore the ways in which victimisation may foster offending behaviour for children and the appropriate correctional system response to child offenders.

Lecture/Seminar 2 hours per week

Prerequisites: LEG120 Legal Research; CRM100 Introduction to Criminology; LEG100 Law, Justice & Social Policy; CRM210 Criminal Behaviour

Children and the Media (MCC321)

Credit Points: 4

Not available this year

What is the meaning of childhood in the contemporary world? How can we begin to answer that question in relation to the media: television, film, animation, radio, advertising, books, and the Internet? This unit provides a conceptual basis from which to approach the cultures of childhood, and the ways in which they connect to technologies of everyday life. Students will be encouraged to develop their own projects, supported by lectures, tutorial-workshops, and structured field work on and off campus.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Exclusions: Students who have completed MED321 Children and the Media are not eligible to enrol in this unit.

Children's Literature in the Classroom (EDN301)

Credit Points: 4

MURDOCH: S2-external
ROCKINGHAM: S2-internal

Literature is a key component of the Australian Curriculum - English. This unit encourages students to become familiar with a wide range of children's literature, including classic and contemporary literature and texts from world cultures, and provides students with opportunities to gain an understanding of key aspects of literary theory. The unit focuses on strategies for introducing literature in years K-10, and models innovative approaches that will enable school students to engage imaginatively and critically with literary texts.

Lectures/workshops: 3 hours per week.

External: No attendance required.

Prerequisites: Nil.

Children's Theatre (EGL213)

Credit Points: 4

MURDOCH: S1-internal

What are the requirements for a successful theatrical performance when the audience comprises children in the primary school? This production-based unit answers this question theoretically and practically and offers students a range of workshop opportunities through which to develop their skills, whether as actors, designers, stage-managers, set-builders, musicians or lighting and sound technicians. Aim: to develop an ensemble of skilled theatre practitioners whose learning processes result in the public performance of an original script for an audience of young people.

Semester 1 offering at Murdoch campus: workshops: 3 hours per week; rehearsals and performance: as required.

Prerequisites: Nil.

Children's Theatre (EGL240)*As for EGL213 except:*

Credit Points: 3

Not available this year

Children, Families and Communities (EDN332)

Credit Points: 3

MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

Interactions between education, families and communities are studied in this unit. The aim is to develop both the knowledge and the skills that teachers need for working with families in ways that both respect diversity and support students varied learning interests and needs. Topics include the relationship between social practices and socio-cultural practices; notions of educational risk; parent and community education; conceptions of parenthood and family; relationships between families and community, codes of professional practice, ethics and the law.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: Enrolment in a teacher education course. BE students must ALSO have successfully completed EDU101/EDU1011 Introduction to Teaching AND EDU103 Principles of Language and Literacy; OR EDN112 Understanding Teachers' Work AND EDN111 Language for Learning and Teaching. BE students should be enrolled in or have successfully completed a school experience.

Children, Families and Communities (EDN3321)*As for EDN332 except:*

Credit Points: 2

MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

China Today (AST585)

Credit Points: 3

Not available this year

The unit addresses in depth the central issues that characterise today's China. Students will deal with the relevant literature on Chinese governance, domestic critical views, the Chinese military, China's 'soft power' campaign, and China's increasing international presence. The unit concludes with China's current position in the Asia Pacific region. At the end of the unit, students will be able to comprehend current Chinese issues in an analytic and critical manner.

Lectures: 2 hours; tutorials: 1 hour.

Prerequisites: Nil.

Chinese Business (BUS243)

Credit Points: 4

MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal

This unit will provide an introduction for students to the broad context in which Chinese business operates, and will address the general history, philosophy, cultural and management issues related to Chinese business, including the concept of guanxi. Topics include a brief history of the evolution of Chinese business; its

environment; understanding of the nature of multinational, transnational and small businesses; business leadership; motivation; human resource management; ethics and social responsibility issues; and future challenges in managing Chinese business.

Lectures: 2 hours; tutorials: 1 hour.

Prerequisites: Nil. No knowledge of Chinese language is required.

This unit is also available via Open Universities Australia (OUA).

Chinese Business Negotiations (BUS346)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit will examine the basis of effective cross-cultural negotiations with an emphasis on doing businesses with Chinese. Topics covered: cross-cultural communication; strategic mindsets; control and conflict; the legal, political, cultural and technological contexts faced by internationalising organisations; comparisons of business systems in a variety of developing and developed countries; and international strategic planning. By the end of the unit, students will have developed some negotiation skills necessary for undertaking businesses with Chinese.

Seminars: 3 hours.

Prerequisites: No knowledge of Chinese language is required.

Exclusions: Students who have successfully completed BUS346 Chinese Business Negotiations may not enrol in this unit for credit.

This unit is also available via Open Universities Australia (OUA).

Chinese Contract and Commercial Law (LLM522)

Credit Points: 6

CITYUHK: S1D-internal

This unit will consider the changes to contract, company and commercial laws in the People's Republic of China. The development of these laws is fundamentally important to China's participation in the global economy and to foreign companies interested in collaborating and co-operating with Chinese businesses.

Taught intensively over 36 hours in January of each year, with final assessments due by end of semester 1.

Prerequisites: Enrolment in the Postgraduate Certificate in Chinese Law.

Enrolment in this program is by application to the program Director. Students enrolling in the program are responsible for their own airfares, accommodation and incidental expenses. Contact the School of Law for further information.

Chinese Economy (BUS234)

Credit Points: 4

MURDOCH: S2-internal, S2-external

China's modernisation will launch it into global market dominance in the 21st century, perhaps overtaking the United States by 2030. This unit investigates the path taken by China to reach its current status, and looks ahead at its potential to become a global superpower. Topics: China's economic policies; economic growth; labour markets; foreign trade and investment; foreign exchange and financial markets; manufacturing industries; post-WTO economic reforms; multinational business experiences.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

This unit is also available via Open Universities Australia (OUA).

Chinese Intellectual Property Laws in the Global Context (LLM574)

Credit Points: 3

CITYUHK: S1D-internal

Intellectual property is one of the most debated legal issues in the world. It is of the highest-level importance in today's China where innovation and knowledge-based economy are quickly becoming a priority. This unit surveys the impact of the global IP systems on the reform of China's intellectual property law, China's role in the global intellectual property framework as a developing nation, and the roles of intellectual property law in developing China into a leading innovation-based economy.

Lectures: Taught intensively over 36 hours in January of each year, with final assessments due by end of Semester 1.

Prerequisites: Enrolment in the Postgraduate Certificate in Chinese Law.

Exclusions: Students who have successfully completed the unit LAW318/ LLM518 International Intellectual Property Law offered at Zhengzhou or CITYUHK cannot enrol in this unit for credit.

Enrolment in this program is by application to the program Director. Students enrolling in the program are responsible for their own airfares, accommodation and incidental expenses during the program. Contact the School of Law for further information.

Chiropractic History and Principles (CHI210)

Credit Points: 2

MURDOCH: S1-internal, SUM-external

This unit introduces students to the Learned Professions, of which the chiropractic profession is part, within the context of the 19th and 21st century health care system. The unit explores chiropractic/medical relations and factors contributing the turbulent nature thereof. It also examines various types of doctor/patient relationships including: doctor centred care and patient centred care.

Workshop: 1 hour per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed CHI109 Chiropractic Skills and Principles I may not enrol in this unit for credit.

Students who are transferring to B1274 Chiropractic (BChiro, BSc) who have completed CHI124/EXS124 Principles of Sports Science are required to complete this unit. Enrolment in this unit requires the permission of the Academic Chair.

Chiropractic Skills and Principles I (CHI109)

Credit Points: 3

MURDOCH: S1-internal

An introduction to the Learned Professions, of which the chiropractic profession is part, within the context of the nineteenth and twenty-first century health care system. The unit explores chiropractic/medical relations and factors contributing the turbulent nature thereof. It examines various types of doctor/patient relationships including: doctor-centred care and patient-centred care. Practical sessions develop the students' psychomotor skills in palpation by exploring surface anatomy and joint palpation. Basic health, physical examination and fitness assessments are introduced.

Lectures: 2 hours per week; tutorial/workshop: 1 hour per week; practical laboratories: 2 hours per week and 1 hour online activities per week.

Prerequisites: Nil.

Exclusions: CHI124/EXS124 Principles of Sports Science.

Chiropractic Skills and Principles II (CHI309)

Credit Points: 4

MURDOCH: S2-internal

Builds on CHI109, CHI209 and CHI302, with emphasis on the development of chiropractic adjusting skills. Research a range of adjusting techniques in preparation for critical analysis and class discussion through a series of seminars. Practical sessions further refine psychomotor skills essential for the most commonly utilised spinal and extremity adjusting techniques. The pathological process of disease is discussed as it relates to conditions of the extremities.

Lectures: 4 hours per week; practicals: 4 hours per week; workshops: 1 hour per week.

Prerequisites: Enrolment in Chiropractic and successful completion of CHI209 Biomechanics and Diagnostic Palpation Skills, CHI302 Diagnosis and Chiropractic Skills.

Chiropractic Skills and Principles III (CHI409)

Credit Points: 2

MURDOCH: T1-internal

This unit integrates the students' chiropractic technique, soft tissue treatments, and rehabilitation skills for various neuromusculoskeletal conditions. Various chiropractic technique alternatives will be introduced in an evidence based context. Students will further develop their foundation in manual skills and soft tissue treatments leading to better proficiency and competency. Students will develop an understanding of patient and case management for typical disorders seen in practice. The theory component will introduce students to major orthopaedic and neurological conditions affecting infants and children.

Lectures: 2 hours per week; practical laboratories; 2 hours per week.

Prerequisites: Enrolment in BSc/BChiropractic and successful completion of Bachelor of Science (Chiropractic), CHI301 Processes in Human Disease, CHI302 Diagnosis and Chiropractic Skills, CHI303 Primary Practice I: Clinical Science and Diagnosis, CHI304 Clinical Orthopaedics and Neurology, and CHI309 Chiropractic Skills and Principles II.

Christian Ethics (THE267)

Credit Points: 4

Not available this year

An introduction to the principal patterns of theological reflection on the moral dimension of life and their relation to moral philosophy. Particular attention will be given to the ideas of natural law, the will of God, conscience and responsibility, and to the ethical significance of faith, hope and love. Moral issues of continuing and current concern will be considered in the light of the different patterns of thought and ideas, especially in the tutorial sessions.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Christianity in Asia (THE489)

Credit Points: 4

Not available this year

Focuses on the historical interaction between Christianity and Asian cultures and peoples from the seventh century to the twentieth century. Theme: encounter; that is, between eastern and western Christianity and the different cultures, faiths and peoples in Asia during these fourteen centuries. Topics: Nestorian missions to China

and India in the seventh century; Catholic missions during the sixteenth century to India, South-East Asia, China and Japan; Protestant missions from the nineteenth century with particular reference to the British empire.

Lectures/seminars: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Any 200-level Asian studies, history or church history unit.

Christianity in Asia (THE589)

As for THE489 except:

Credit Points: 4

Not available this year

Christology (THE258)

Credit Points: 4

MURDOCH: S2-external

This unit explores how Christian theology came to make various affirmations concerning the person and work of Jesus Christ. The unit covers biblical texts, philosophical frameworks and Christological controversies in the early Church. Building on this foundation, the unit will proceed to explore the way in which key figures in the history of theology understood the person and work of Jesus Christ, and some exemplary approaches offered by contemporary theologians.

Prerequisites: Recommended: S107/THE107 Thinking Theology.

Exclusions: Students who have successfully completed THE258 Christian Understandings of God may not enrol in this unit for credit.

Christology (THE625)

Credit Points: 3

MURDOCH: S1-internal, S1-external

In this unit we will investigate the Christian understanding of the person and work of Jesus Christ. In particular, we will explore the critical questions modern secular thinking poses for Christian understandings of Jesus Christ and possible theological responses. This will take place in critical interaction with the classical themes and questions of Christology and salvation as well as contemporary approaches.

Seminars: 2 hours per week

Prerequisites: THE505 Thinking Theology and THE510 Emerging Christian Theology - The Creeds (100-500CE)

Exclusions: Students who have successfully completed THE258 Christology cannot enrol in this unit.

Church, Ministry and Sacraments (THE263)

Credit Points: 4

Not available this year

This unit will examine historical and contemporary Christian thinking about the nature of the church as a social reality and an object of faith, the theology and practice of ministry, ordained and unordained, and the nature of the sacraments, especially baptism and eucharist.

Seminars: 2 hours per week.

Prerequisites: Nil. Highly recommended: S107/THE107 Introduction to Theology or S102/THE102 The New Testament and Its World.

Church, Ministry and Sacraments (THE663)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit will examine historical and contemporary Christian thinking about the nature of the church as a social reality and an object of faith, the theology and practice of ministry, ordained and unordained, and the nature of the sacraments, especially baptism and eucharist.

Seminars: 2 hours per week.

Prerequisites: THE505 Thinking Theology

Circuits and Systems I (ENG125)

Credit Points: 3

MURDOCH: S2-internal

This unit provides the necessary skills for the analysis of direct current (DC) electrical circuits and systems. In particular it is concerned with the study of fundamentals of electricity, DC circuits, nodal and mesh analysis, superposition and linearity, network laws and theorems, capacitors and inductors, operational amplifiers and their applications, basic RL, RC and RLC circuits and associated natural and forced responses.

Lectures: 1 hour per week lectures; workshops: 2 hours per week; laboratories: 3 hours per week.

Prerequisites: Corequisite: MAS182 Applied Mathematics or MAS161 Calculus and Matrix Algebra.

Circuits and Systems II (ENG243)

Credit Points: 4

MURDOCH: S1-internal

This unit provides the necessary skills for the analysis of alternating current (AC) electrical circuits and systems. In particular, it is concerned with the steady-state analysis of circuits with sinusoidal excitation, the different types of power associated with AC circuits, three-phase circuits, magnetically coupled circuits, frequency response, resonance, bandwidth, two port networks, and principles of electromechanics.

Lectures: 3 hours per week; laboratories: 3 hour session per week; workshops: 2 hours per week.

Prerequisites: ENG125 Circuits and Systems 1; MAS161 Calculus and Matrix Algebra.

Exclusions: Students who have successfully completed G126/ENG126 Engineering Electrics may not enrol in this unit for credit.

Circuits and Systems II (ENG297)*As for ENG243 except:*

Credit Points: 3

Not available this year

Cities and Innovation (SUS208)*As for SUS330 except:*

Credit Points: 3

Not available this year

Cities and Innovation (SUS330)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Presents new thinking on how cities are performing in the global economy; examines policies to improve the innovative capacity of regions, cities and companies; explores the impact of intensified economic competition on ordinary citizens. Topics: cities in the global knowledge economy, national and regional systems of innovation; 'place marketing' and competition between cities; social capital and social exclusion; inequalities between and within cities; creativity and culture in city revitalisation; economic development and environmental sustainability; local and community economic development.

Seminars: 3 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed STP330 Cities and Innovation may not enrol in this unit for credit.

Cities and Sustainability (SUS300)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Cities around the world are grappling with problems of automobile dependence, urban sprawl and environmental quality. This unit involves an integrated approach to understanding and changing cities based on a theme of sustainability. Topics: town planning, transport planning, environmental planning, social planning, natural resource management, infrastructure planning and management. The interplay between city technology, professional practice and community values. A case study focus on cities that have used sustainability to reduce automobile dependence and its associated problems.

Lectures/seminars: 3 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed STP220 Cities and Sustainability may not enrol in this unit for credit.

Cities and Sustainability (SUS310)*As for SUS300 except:*

Credit Points: 3

Not available this year

Cities and Sustainability (SUS523)

Credit Points: 3

MURDOCH: S1-internal, S1-external

Over half the world's population now live in urban areas and 75% could be urban by 2050. C&S examines the sustainability challenges and possibilities that lie ahead as we become an increasingly urban species. The unit explores how we can create urban areas and lifestyles that enhance human dignity and equality, while also being more environmentally sustainable. The unit takes an international perspective, looking at key urban sustainability issues and inspirational practices from around the world.

Lectures/seminars: 3 hours per week.

Prerequisites: Enrolment in an Honours or Postgraduate-level course.

Exclusions: Students who have successfully completed STP623 Cities and Sustainability may not enrol in this unit for credit.

Civil Procedure (LAW350)

Credit Points: 4

MURDOCH: S1-internal

This unit covers the rules of civil procedure in Western Australia, including jurisdiction of Western Australian courts, commencement of proceedings and service of process, pleadings, discovery and other interlocutory proceedings, judgement (including enforcement), appeals, costs and alternatives to litigation.

Lectures: 4 hours per week. Up to 8 hours of seminars/drafting workshops; these may be held as a full-day session on a weekend during the semester. .

Prerequisites: LEG120/LAW120 Research and Writing, LEG150/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract, LAW258 Australian Administrative Law, LAW259 Constitutional Law, LAW253 Property, LAW252 Evidence. Students are advised that this unit should be taken in the last year of enrolment.

Civil Procedure (LLB450)

Credit Points: 3

Not available this year

This unit covers the rules of civil procedure in Western Australia, including jurisdiction of Western Australian courts, commencement of proceedings and service of process, pleadings, discovery and other interlocutory proceedings, judgement (including enforcement), appeals, costs and alternatives to litigation.

30 hours

Prerequisites: LEG120/LAW120 Research and Writing, LEG150/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract, LAW258 Australian Administrative Law, LAW259 Constitutional Law, LAW253 Property, LAW252 Evidence. Students are advised that this unit should be taken in the last year of enrolment; PLUS concurrent enrolment with LLB451 Advanced Civil Procedure OR successful completion of LLB451 Advanced Civil Procedure.

Exclusions: Students who have previously successfully completed LAW350 Civil Procedure may not enrol in this unit

Classical Sociological Theory (SOC304)

Credit Points: 3

Not available this year

Climate Change Adaptation: Ecosystems and Societies (ENV380)

Credit Points: 4

Not available this year

The consequences of climate change are increasingly felt at regional, national and local scales, and already adaptation strategies have begun to spell out the changes needed to cope. This unit explores the areas in which adaptation will be required and how strategies are developed. It uses case studies from a variety of sectors and countries to provide a broad understanding of approaches which can assist us to meet the challenges posed by climate change.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: Nil.

Exclusions: Students who have completed STP380 Climate Change Adaptation: Policy and Practice may not enrol in this unit.

Climate Change Adaptation: Ecosystems and Societies (ENV680)

Credit Points: 3

MURDOCH: S2-internal, S2-external

The consequences of climate change are increasingly felt at regional, national and local scales, and already adaptation strategies have begun to spell out the changes needed to cope. This unit explores the areas in which adaptation will be required and how strategies are developed. It uses case studies from a variety of sectors and countries to provide a broad understanding of approaches which can assist us to meet the challenges posed by climate change.

Lectures 1 hour/week; Workshops 2 hour/week.

Prerequisites: Enrolment in a Postgraduate course.

Exclusions: Students who have completed STP680 Climate Change Adaptation: Policy and Practice may not enrol in this unit.

Climate Sensible Home Design (PEC672)

Credit Points: 4

MURDOCH: S2-external

This unit considers the principles and practice of designing houses that are suited to the local climate anywhere in the world. It discusses the approach to design, the choice of materials and construction methods and the selection of appliances for passive solar housing.

This unit will be run as an online unit.

Prerequisites: PEC370/PEC670 Energy Efficient Buildings and enrolment in the Master of Science in Environmental Architecture.

Clinical Legal Education (LAW390)

Credit Points: 8

MURDOCH: S1-internal (quota of 20 places), S2-internal (quota of 20 places)

Students in this unit participate in a clinical program focused on active involvement in the SCALES community legal centre practice based in Rockingham. Students will put their knowledge and skills into practice while assisting the community, and will develop professional commitment and ethical standards. Students also have an opportunity to assess the adequacy of law and legal processes in context. Under supervision of legal practitioners, students will see real clients and take responsibility for client files.

Seminars: 2 hours per week on campus; 1 full day attendance at the Law Clinic and otherwise as required.

Contact times will vary, contact Unit Coordinator for further information.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing (prior to 2012), LEG150 (prior to 2012/ LAW150 Australian Legal System, LAW130 Criminal Law and Procedure, LAW152 Torts.

Clinical Legal Education (LLB390)**As for LAW390 except:**

Credit Points: 3

Not available this year

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Clinical Management of Breastfeeding and Human Lactation (MID631)

Credit Points: 3

MURDOCH: S1-internal

Students will increase their knowledge of the maternal and infant anatomy, developmental stages and physiology related to breastfeeding and human lactation. This knowledge will then be applied to enable the student to provide expert care and support to the normal breastfeeding dyad and to also manage complex clinical situations on the continuum from per-term to extended lactation.

Lectures: 2 hours per week; tutorials: 2 hours per week

Prerequisites: Enrolment in a postgraduate course.

Clinical Orthopaedics and Neurology (CHI304)

Credit Points: 4

MURDOCH: S2-internal

This unit builds on prior diagnosis units with emphasis on the development of evaluative processes to distinguish between the variety of underlying causes that may be associated with case history, physical and special examination findings. Small group/tutorial discussion and resolution of clinical presentations will emphasise orthopaedic and neurological evaluation of the patient and development of the working diagnosis. A radiology stream pertaining to osseous and articular trauma and infectious diseases of bone will be incorporated.

Lectures/workshops: 4 hours per week; practicals (small groups): 2 hours per week; project work/seminars: 2 hours per week.

Prerequisites: Enrolment in BSc/BChiro and successful completion of Years 1 and 2 and CHI301 Processes in Human Disease.

Clinical Pathology 1 (VET621)

Credit Points: 3

Not available this year

The principal objective of this unit is to develop interpretative skills in diagnostic haematology, cytology and clinical biochemistry. The first part is devoted to haematology and cytology with a practical, microscopic component. The second part emphasises problem-orientated selection and interpretation of laboratory tests with the focus on interpretative biochemistry.

This is an external unit.

Prerequisites: Enrolment in the Master of Veterinary Studies in Small Animal Practice (M1022) or enrolment in Postgraduate Certificate in Veterinary Studies in Small Animal Practice (C1074).

This unit is subject to quota. Quota is due to the limited availability of practical kits. In addition to quota, a minimum of 10 enrolments are required for this unit to proceed.

Clinical Pathology 2 (VET648)

Credit Points: 3

Not available this year

This unit emphasises problem-orientated selection and interpretation of laboratory tests with the focus on interpretative biochemistry.

Prerequisites: Enrolment in the Master of Veterinary Studies, Doctor of Veterinary Medical Science, or in the Master of Veterinary Clinical Studies.

Exclusions: Students who have successfully completed VET621 Clinical Pathology may not enrol in this unit for credit.

Clinical Practice 1: Aged Care (NUR151)

Credit Points: 1

PEEL: W6-placement

This unit is the first of six clinical practice units which provide the opportunity for students to develop clinical skills, knowledge and competency within different clinical contexts.

Each of the units is intended to incrementally support students as they transition from nursing student to registered nurse.

This and the second unit focus on the application of the fundamental nursing skills and knowledge that are the basis of nursing practice.

Clinical Practice: 8 hours per day for 15 days (120 hours) within allocated placement period

Students will also be required to undertake an additional 8 hours in total pre and post placement for preparation and feedback.

Prerequisites: Enrolment in the Bachelor of Nursing and successful completion of NUR100 Introduction to Nursing Practice, NUR103 Contemporary Nursing Practice, and NUR149 Human Structure and Function 1, or enrolment in the Bachelor of Nursing and successful completion of NUR100 Introduction to Nursing Practice, NUR103 Contemporary Nursing Practice, NUR102 Nursing Bioscience I, NUR104 Nursing Bioscience II.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students who have successfully completed NUR110 may not enrol in this unit for credit.

Students will apply the skills and knowledge gained in the theoretical units and clinical laboratories to the clinical contexts to which they are assigned.

The clinical fieldwork will contribute to the total of 1008 clinical hours over the six clinical practice units.

Clinical Practice 2: Medical/Primary Health/Aged Care/Medical Rehabilitation (NUR155)

Credit Points: 1

PEEL: SS2-placement

This unit is the second of six clinical practice units which provide the opportunity for students to develop clinical skills, knowledge and competency within different clinical contexts. Each of the units is intended to incrementally support students in their transition from nursing student to registered nurse. Building on the first clinical practice unit the focus is on the application of the fundamental nursing skills and knowledge that are the basis of nursing practice.

Clinical Practice: 8 hours per day for 15 days (120 hours) within allocated placement period. Students will also be required to undertake an additional 8 hours in total pre and post placement for preparation and feedback.

Prerequisites: NUR151 Clinical Practice 1, NUR153 Primary Health Care, NUR105 Nursing Health Assessment and Physical Examination and NUR154 Human Structure and Function 2.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students who have successfully completed other clinical context and hours should contact the Academic Chair.

Students will apply the skills and knowledge gained in the theoretical units and clinical laboratories to the clinical contexts to which they are assigned.

The clinical fieldwork will contribute to the total of 1008 clinical hours over the six clinical practice units.

Clinical Practice 3: Medical/Surgical/Mental Health/Primary Health (NUR257)

Credit Points: 1

PEEL: W6-placement

This unit is the third of six clinical practice units which provide the opportunity for students to develop clinical skills, knowledge and competency within different clinical contexts. Each of the units is intended to incrementally support students in their transition from nursing student to registered nurse. Building on the previous clinical practice units the focus is on the application of the acute care nursing skills and knowledge as they can be utilised within different clinical contexts.

Clinical Practice: 8 hours per day for 15 days (120 hours) within allocated placement period. Students will also be required to undertake an additional 8 hours in total pre- and post-placement for preparation and feedback.

Prerequisites: NUR203 Acute Care 1; NUR206 Contemporary Nursing Management of Mental Illness; NUR155 Clinical Practice 2 and NUR256 Medication Management for Nursing, OR NUR256 Medication Management for Nursing, NUR110 Introduction to Nursing Profession-Clinical Placement and NUR115 Health and Physical Assessment - Clinical Placement.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students who have successfully completed other clinical context and hours should contact the Academic Chair.

Students will apply the skills and knowledge gained in the theoretical units they have successfully completed and will only be placed in these clinical contexts.

The clinical fieldwork will contribute to the total of 1008 clinical hours over the six clinical practice units.

Clinical Practice 4: Medical/Surgical/Mental Health/Paediatrics/Maternity/Primary Health/Community Paediatrics (NUR262)

Credit Points: 1

PEEL: SS2-placement

This unit is the fourth of six clinical practice units which provide the opportunity for students to develop clinical skills, knowledge and competency within different clinical contexts. Each of the units is intended to incrementally support students in their transition from nursing student to registered nurse. Building on the previous clinical practice units the focus is on the application of the acute care nursing skills and knowledge as they can be utilised within different clinical contexts.

Clinical Practice: 8 hours per day for 15 days (120 hours) within allocated placement period. Students will also be required to undertake an additional 8 hours in total pre and post placement for preparation and feedback.

Prerequisites: NUR257 Clinical Practice 3, NUR256 Medication Management for Nursing; NUR205 Acute Care 2; NUR259 Maternal, Child and Adolescent Nursing Care.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students who have successfully completed other clinical context and hours should contact the Academic Chair.

Students will apply the skills and knowledge gained in the theoretical units they have successfully completed and will only be placed in these clinical contexts.

The clinical fieldwork will contribute to the total of 1008 clinical hours over the six clinical practice units.

Clinical Practice 5 (NUR366)

Credit Points: 3

PEEL: S2N-placement

This unit is the fifth of six clinical practice units which provide the opportunity for students to develop clinical skills, knowledge and competency within different clinical contexts. Each unit is intended to incrementally support students as they transition to registered nurses. Building on the previous clinical practice units the focus is on the consolidation of nursing skills and knowledge, and the processes of critically evaluating a variety of parameters to plan and coordinate patient care within different clinical contexts.

Clinical Practice: 8 hours per day for 30 days (240 hours) within allocated placement period. Students will also be required to undertake an additional 8 hours in total pre and post placement for preparation and feedback.

Prerequisites: Successful completion of the previous five semesters of core Nursing units.

Co-requisites: NUR365 Professional Issues in Nursing Practice and NUR367 Clinical Practice 6.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students who have successfully completed other clinical context and hours should contact the Academic Chair.

Students will apply the skills and knowledge gained in the theoretical units and clinical laboratories to the clinical contexts to which they are assigned. This clinical fieldwork will contribute to the total of 1008 clinical hours over the six clinical practice units. Students are required to enrol full-time in the final semester of third year in NUR366 Clinical Practice 5, NUR367 Clinical Practice 6 and NUR365 Professional Issues in Nursing Practice.

Clinical Practice 6 (NUR367)

Credit Points: 3

PEEL: S2N-placement

This unit is the final of six clinical practice units which provide the opportunity for students to develop clinical skills, knowledge and competency within different clinical contexts.

Building on the previous clinical practice units the focus is on the consolidation of nursing skills and knowledge, the processes of critically evaluating a variety of parameters to plan and coordinate patient care, and strategies that will support the student in their transition to registered nurse.

Clinical Practice: 8 hours per day for 30 days (240 hours) within allocated placement period.

Students will also be required to undertake an additional 8 hours in total pre- and post-placement for preparation and feedback.

Prerequisites: Must have successfully completed the previous 5 semesters of core Nursing units.

Co-requisite: NUR365 Professional Issues in Nursing Practice and NUR366 Clinical Practice 5.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students who have successfully completed other clinical context and hours should contact the Academic Chair.

Students will apply the skills and knowledge gained in the theoretical units and clinical laboratories to the clinical contexts to which they are assigned. This clinical fieldwork will contribute to the total of 1008 clinical hours over the six clinical practice units. Students are required to enrol full-time in the final semester of third year in NUR366 Clinical Practice 5, NUR367 Clinical Practice 6 and NUR365 Professional Issues in Nursing Practice.

Clinical Practicum (CHI584)

Credit Points: 12

MURDOCH: Y1-internal

The core of students' clinical training. Students engage in supervised, active patient care in the University's outpatient clinic. Participation in clinical rounds where special interest topics and cases will be discussed; these are designed to enhance critical thinking skills and facilitate the application of the concepts of best practice, while providing teaching opportunities. Students complete rotations in radiology, rehabilitation, physiological therapeutics and front desk management. In the latter part of the year students serve as mentors for fourth year students.

Clinic duties/clinical rounds/rotations: 20 hours per week; lectures: 1 hour; workshops: 1 hour; practicals: 1 hour.

Prerequisites: Enrolment in BSc/BChiro and successful completion of years 1 to 4 and the Clinic Entrance Assessment.

Clinical Psychology: Developmental Disabilities (PSY567)

Credit Points: 3

MURDOCH: S2-internal

This unit covers the theory and practice of professional work with children and adults with developmental disabilities, including instructional and behavioural programming, behavioural consultation and training, and collaborative work with parents, teachers and other professionals. The focus is on an evidence-based service delivery model based on the principles of Applied Behaviour Analysis and Positive Behavioural Support.

Lectures: 3 hours per week.

Prerequisites: Enrolment in MAppPsych, DPsych or MAppPsych/PhD Clinical Streams.

Clinical Psychology: External Practicum (PSY604)

Credit Points: 12

MURDOCH: S1-placement, S2-placement, SUM-placement, Y-placement

Students must complete practical placements in appropriate agencies and organisations. They will be advised to select placements that meet APAC and Registration Board requirements. Students will also attend seminars in professional, practical and methodological issues.

Practical placements: 108 days total; seminars/workshops: as scheduled throughout the year.

Prerequisites: Enrolment in MAppPsych (Clinical) or MAppPsych (Clinical)/PhD; successful completion of PSY537 Clinical Psychology: Internal Practicum (Child, Youth and Family) and PSY538 Clinical Psychology: Internal Practicum (Adult); Provisional Registration as a Psychologist with Psychology Board of Australia.

A result of Ungraded Pass or Fail is awarded for this unit.

Students are able to enrol in variable points in this unit to allow for the possibility that practica may straddle two calendar years.

Clinical Psychology: Internal Practicum (Adult) (PSY538)

Credit Points: 3

MURDOCH: SUM-placement, Y-placement

Placements are normally in the Murdoch Psychology Clinic. Placements will give students experience in various forms of investigation and intervention presently practised in clinical psychology. The principal aim is to apply knowledge, experience

and research from all aspects of scientific psychology to health care, education and social problems. This unit was previously called Applied Psychology Practical Placements I: Clinical Stream.

Practical placements: 9 months at 1 day per week or equivalent.

Prerequisites: Enrolment in MAppPsych (Clinical), DPsych (Clinical) or MAppPsych (Clinical)/PhD; concurrent enrolment in or successful completion of PSY569 Psychotherapy in Practice; and concurrent enrolment with, or successful completion of, PSY565 Clinical Psychology: Working with Adults, PSY564 Clinical Psychology: Working with Children and Families and PSY562 Psychological Assessment: Theory and Method; Provisional Registration as a Psychologist with Psychology Board of Australia.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students who have successfully completed PSY561 Clinical Psychology: Internal Practicum may not enrol in this unit for credit.

Clinical Psychology: Internal Practicum (Child, Youth and Family) (PSY537)

Credit Points: 3

MURDOCH: SUM-placement, Y-placement

Placements are normally in the Murdoch Psychology Clinic. Placements will give students experience in various forms of investigation and intervention presently practised in clinical psychology. The principal aim is to apply knowledge, experience and research from all aspects of scientific psychology to health care, education and social problems. This unit was previously called Applied Psychology Practical Placements I: Clinical Stream.

Practical placements: 9 months at 1 day per week or equivalent.

Prerequisites: Enrolment in MAppPsych (Clinical), DPsych (Clinical) or MAppPsych (Clinical)/PhD; concurrent enrolment in or successful completion of PSY569 Psychotherapy in Practice; and concurrent enrolment with, or successful completion of, PSY565 Clinical Psychology: Working with Adults, PSY564 Clinical Psychology: Working with Children and Families and PSY562 Psychological Assessment: Theory and Method; Provisional Registration as a Psychologist with Psychology Board of Australia.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students who have successfully completed PSY561 Clinical Psychology: Internal Practicum may not enrol in this unit for credit.

Clinical Psychology: Working with Adults (PSY565)

Credit Points: 3

MURDOCH: S1-internal

This unit will consist of lectures and seminars covering the assessment, etiology, formulation and treatment of common psychological problems in adults. In addition to teaching a broad conceptual framework, commonly encountered specific disorders will be discussed with an emphasis on developing an understanding of the phenomena from psychological research and the unique experiences of the individual. Topics include anxiety, anger, depression, personality disorders, psychotic disorders, and eating disorders.

Lectures: 3 hours per week.

Prerequisites: Enrolment in MAppPsych, DPsych or MAppPsych/PhD.

Clinical Psychology: Working with Children and Families (PSY564)

Credit Points: 3

MURDOCH: S1-internal

Includes critical examination of theories and interventions applicable to psychological problems of childhood and adolescence. Students will gain knowledge and skills in diagnoses of, and applying interventions to, a range of child and adolescent presentations including anxiety, depression, elimination disorders, conduct and behaviour problems, suicide and self-harm. Cognitive, behavioural, and systemic interventions will be examined and principals from attachment and developmental theory will be incorporated. Professional and ethical issues specific to child and adolescent populations will also be examined.

Seminars/practicals: 3 hours per week.

Prerequisites: Enrolment in MAppPsych, DPsych or MAppPsych/PhD.

Clinical Psychology: Working with Health Problems (PSY502)

Credit Points: 3

MURDOCH: S2-internal

This unit will introduce students to biopsychosocial models of health from a behavioural medicine perspective. Psychological influences on infectious disease, cancer, cardiovascular disease and chronic pain, and the psychological management of these problems, will be addressed.

Lectures: 3 hours per week.

Prerequisites: Enrolment in MAppPsych, DPsych or MAppPsych/PhD.

Clinical Radiology (CHI420)

Credit Points: 2

MURDOCH: T2-internal (quota of 90 places)

This unit completes the clinical radiology components of the course, covering topics such as neoplasm and other diseases of bone and soft tissues.

Lectures: 2 hours per week; practical laboratories: 2 hours per week.

Prerequisites: Successful completion of BSc(Chiropractic) or permission of the Academic Chair.

This unit is subject to quota. Quota is due to limited resources and space requirements. Preference will be given to students in the Bachelor of Chiropractic.

Coastal and Marine Management (ENV333)*As for ENV381 except:*

Credit Points: 3

Not available this year

This unit is not subject to quota.

Coastal and Marine Management (ENV381)

Credit Points: 4

MURDOCH: S2-internal (quota of 60 places)

This unit explores current coastal and marine management issues and practices by focusing on the diverse habitats represented along the Western Australian coastline. Emphasis is placed on the use of spatial data and Geographical Information Systems (GIS)

technology. Practicals include mapping of beaches, detection and monitoring of coastal change using remote sensing imagery, and GIS applications for coastal resource inventories, habitat mapping and assessment of vulnerability in planning for coastal development.

Lectures: 2 hours per week; practical work: 3 hours per week.

Prerequisites: ENV213 Atmospheric Science, ENV268 Ecology, ENV282 Oceanography and Marine Pollution and BIO384 Marine and Estuarine Biology.

This unit is subject to quota. Quota is due to limited laboratory space. Selection is based on academic achievement in ENV282 Oceanography and Marine Pollution.

Collaborative Learning and Motivation (EDN347)

Credit Points: 4

Not available this year

This unit examines the theory, principles and practices of collaboration and motivation in teaching and learning. Current research will inform participants' understandings about how collaboration, creativity and motivation are paramount in optimising student engagement and achievement in primary, secondary and tertiary learning contexts. Participants will have the opportunity to critically reflect on collaborative and motivational practices in learning environments and develop ways of implementing and evaluating effective practice.

Prerequisites: EDU241 Processes of Learning or EDU242 Learning and Assessment: Theory and Practice or EDN221 Learning teaching and Assessment 1 or EDU245/EDN245 Learning and Assessment Processes or EDU240/2401/440 Facilitating Lifelong Learning or permission from the Unit Coordinator.

Exclusions: Students who have successfully completed EDU447 Collaborative Learning and Teaching or EDU647 Collaborative Learning and Teaching may not enrol in this unit.

Commercial Banking (BUS307)*As for BUS326 except:*

Credit Points: 3

Not available this year

Commercial Banking (BUS326)

Credit Points: 4

MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

Overview of functions and objectives of commercial banking. Assets, liability and liquidity management; interest rate management and bank lending instruments will be covered in the course. Derivative securities salient to financial intermediation, loan commitments and securitisation will also be examined.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS224 Corporate Finance or BUS244 Treasury Management.

Commercial Law (LAW332)

Credit Points: 4

MURDOCH: S2-internal

The unit aims to introduce students to principal areas of commercial law common in legal practice. Topics covered include the law of sale of goods; bailment; the law of agency; and the provisions of the Australian Consumer Law regulating misleading and deceptive

conduct, unconscionable conduct, unfair contract terms, unfair practices and consumer guarantees and the underlying policy. Relevant legislation is considered and interpreted in this unit.

Lectures: 3 hours per week.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract OR enrolment in the Bachelor of Common Law.

Commercial Law (LLB332)

As for LAW332 except:

Credit Points: 3

Not available this year

Communicating Global Issues (CMS304)

Credit Points: 3

Not available this year

This unit provides students with a global perspective, focusing on the gendered dimensions of economic and cultural politics. The growth of international capitalism and its expansion beyond national boundaries has created a greater degree of integration and interdependency between nations and national economies than ever. The unit explores issues of cultural difference and culture clash, of cultural specificity, resistance and transformation in response to globalisation by analysing issues such as sex trafficking, HIV/AIDS, transnational corporations and corporate social responsibility.

Lectures: 1 hour per week; tutorials: 1 x 1.5 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MCC386 People and Globalization cannot enrol in this unit.

Communication Management Research Project (MCM68o)

Credit Points: 6

MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal

Under supervision students complete a research project or significant investigation of a topic approved by the Unit Coordinator.

Initial seminar and regular contact in person or otherwise with the Unit Coordinator during the project.

Prerequisites: Enrolment in Master of Arts in Communication Management. Students are normally expected to enrol in this unit once they have completed most other course requirements.

Communication Management: Professional Perspectives (MCM683)

Credit Points: 6

MURDOCH: SUM-internal

This unit exposes students to leading edge information and case studies relevant to the media and communication industries. The focus is on enhancing the capacity of students to manage communication in different international and organisational business and cultural contexts relevant to the new media age. It examines the corporate and entrepreneurial challenges associated with communicating creatively across multiple media platforms.

Taught in intensive mode with lectures and seminars daily over two week period in late November/early December, followed by independent study to end of January.

Prerequisites: Enrolment in the Master of Arts in Communication Management.

Summer Term, taught intensively every day over two full weeks in November-December with independent study and projects in January.

Communication Projects (MCC316)

Credit Points: 4

MURDOCH: S1-internal, S2-internal

This is a project based unit allowing students to apply their theoretical learning to an authentic communication task in order to develop high-level communication management skills. Students may participate in a client or educator-led project under the supervision of an academic member of staff. Students may work individually or as a member of a team. The precise nature of the project and the assessment requirements are negotiated with the Unit Coordinator.

Consultation with Academic supervisor.

Prerequisites: Permission of the Unit Coordinator.

Exclusions: Students who have successfully completed MED316 Radio Project may not enrol in this unit for credit.

Communication Projects (RAD316)

As for MCC316 except:

Credit Points: 3

Not available this year

Communication Research (MCC213)

Credit Points: 4

MURDOCH: S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

This unit engages students in thinking critically about communication research. Students are introduced to quantitative and qualitative methods. Dedicated attention is given to researching the professional contexts of public relations. The unit aims to ensure students are able to develop research proposals, can differentiate between methods of data collection and analysis, and understand research ethics and management. Students should gain in-depth knowledge about conducting meaningful and purposeful communication and public relations research.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Exclusions: Students who have completed MSC110 Media Research Methods are not eligible to enrol in this unit.

Communication, Politics and Society (MCM6o3)

Credit Points: 3

MURDOCH: S2-internal

This unit is designed to provide students with both a theoretical understanding of the role of media in Western society and a practical insight into modern media practices. It will look at political and market interventions that threaten media's role as one of the four pillars of democracy and media responses to this prevailing environment. It also will discuss technological and market tensions which media faces in trying to reach across multiple publishing platforms, sustain ethical standards and survive commercially.

Seminars and workshops are delivered in intensive teaching mode

(24 hours contact time), which may include evenings and weekends. Students will complete assignments independently, in consultation with teaching staff.

Prerequisites: enrolment in a postgraduate course.

Exclusions: Students who have successfully completed MCC540 Politics, Journalism and Society cannot enrol in this unit.

Community and Social Policy (COD304)

As for COD355 except:

Credit Points: 3

Not available this year

Community and Social Policy (COD355)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit aims to equip students with an understanding of social policy. It will assist students to grasp the policy context that shapes social and community work. The unit focuses on the intersection between social policy and community engagement in a bid to explore how social issues make it onto the policy agenda. Students will be encouraged to consider concepts such as social justice, equity, reciprocity and welfare and how these are interpreted at a social policy level.

Lectures/workshops: up to 3 hours per week.

Prerequisites: Nil.

Community Development Dissertation (COD650)

Credit Points: 12

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

A dissertation in the MA in Community Development requires a substantive investigation of a relevant Community Development topic under the supervision of a member of the academic staff. Students are required to report the results of their investigation in a dissertation of at most 20,000 words completed in accordance with University requirements.

Prerequisites: Enrolment in MA in Community Development.

Students cannot self-enrol in this unit.

Community Development Internship (COD508)

Credit Points: 6

MURDOCH: S2-internal, S2-external

The Community Development Internship is a cooperative arrangement between the University, students and non-government, government and business organisations involved in community work. Students undertake project work, policy development or research activities with the collective guidance of a supervisor in an organisation and an academic supervisor. The project is supported by a series of workshops designed to prepare students to carry out the internship and undertake academic reflection of the work.

Minimum of five weeks full-time (or equivalent) in the workplace and 6 three hour workshops on campus.

Prerequisites: COD545 Community Development Theory and Practice

Community Development Theory and Practice (COD545)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit aims to introduce students to the range of theoretical traditions that have shaped community development practice. In discussing various approaches to practice, examples will be drawn from the history of Australian, British and American community work. This advanced unit will also examine recent turns in community development practice and the limitations of new methodologies.

Lectures/workshops: up to 3 hours per week.

Prerequisites: Enrolment in a postgraduate course.

Exclusions: Students who have successfully completed COD125 Introduction to Community Development cannot enrol in this unit.

Community Neurological Nursing (NUR571)

Credit Points: 3

PEEL: S1-external, S2-external

This unit critically examines the nature of skills required of community neurological nursing in relation to the perceptions and assumptions that have shaped the construction of this specialty practice. Underpinning any client assessment and nursing intervention and medical treatment is a detailed understanding of both scientific and eclectic knowledge of the ways in which health and wellbeing are restored.

Prerequisites: Enrolment in a postgraduate nursing course.

Community Work across Sites, Settings and Peoples (COD201)

As for COD235 except:

Credit Points: 3

Not available this year

Community Work across Sites, Settings and Peoples (COD235)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Community Development is used in social work, local government, community services, remote area education, indigenous communities, community arts and cultural development, overseas aid work, economic and social planning, sustainable development, and urban planning. This unit aims to equip students with an understanding and appreciation of the diversity of settings and areas of practice within community development in contemporary Australia. It will provide students with skills to analyse, interpret and critically reflect upon practical examples of community development projects.

Lectures/workshops: up to 3 hours per week.

Prerequisites: Nil.

Company Law (BSL305)

As for BSL328 except:

Credit Points: 3

Not available this year

Exclusions: Students who have successfully completed BUS328 Company Law may not enrol in this unit for credit.

Company Law (BSL328)

Credit Points: 4

MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal
KDUPJ: S2U-internal

This unit will examine how Australian company law provides for the formation, operation and termination of companies as a form of business organisation. The relationships between participants in the enterprise, between the company and the state and between the company and those outside the company will be considered.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS165 Principles of Commercial Law and completion of at least 24 points of Part II-level units.

Exclusions: Students who have completed BUS328 Company Law may not enrol in this unit for credit.

Company Law (BUS328)

Credit Points: 4

KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

This unit will examine how Australian company law provides for the formation, operation and termination of companies as a form of business organisation. The relationships between participants in the enterprise, between the company and the state and between the company and those outside the company will be considered.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS165 Principles of Commercial Law and completion of at least 24 points of Part II-level units.

Trimester offerings for this unit at Singapore (SGP1) are taught in intensive mode.

Company Law (MBS509)

Credit Points: 4

KAPLAN-SGP: TMA-internal

The unit will examine how Australian company law and the Australian Stock Exchange provide for the formation, operation, financing and termination of companies as business entities. The relationships between the stakeholders, the company, the members and officers and parties outside the company will be considered. Securities regulation is also studied.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: MBS502 Law for Business

Comparative and Human Microbiology (BMS203)

Credit Points: 4

MURDOCH: S2-internal

Basic knowledge and practical skills in microbiology relating to comparative human/animal infections, including sections on bacteria, viruses, mycoplasma, rickettsia, chlamydia and fungi. Bacteriology: introduction to general features of pathogenic bacteria including structure, metabolism, genetics, culture and identification, with emphasis on mechanisms by which they cause disease and the principles of diagnosis and control. Virology: introduction to classification and taxonomy of viruses, a description of structure, mode of replication and inhibition, and discussion of selected human and zoonotic virus infections.

Lectures: 5 hours per week; practicals: 3 hours per week.

Prerequisites: Nil.

For the purpose of progression in Biomedical Science, this unit is considered essential and not equivalent to BIO263 Microbiology 1. It incorporates a significant virology component that is not contained in BIO263. This unit is considered an important requisite for BMS360 Mechanisms of Disease and BMS368 Advances in Medical Science and for all Biomedical Science graduates.

Comparative and Human Microbiology (BMS212)*As for BMS203 except:*

Credit Points: 3

Not available this year

Comparative Contract Law (LAW349)

Credit Points: 4

Not available this year

This course will introduce students to the law of the contract for the sale of goods in the United States, Australia, and under the United Nations Convention on Contracts for the International Sale of Goods. The course will also include an introduction to the law of documents of title, shipment of goods, and payment by letters of credit.

Taught intensively over 1 week: refer to the teaching timetable for details.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract.

Exclusions: Students who have completed LAW300 Special Topics in Law: Comparative Contract Law may not enrol in this unit for credit.

The exam for the unit will be held one week after the end of face to face teaching.

This unit is subject to quota. Quota is due to limited resources. Preference will be given to Law students in their final year.

Comparative Contract Law (LLB349)*As for LAW349 except:*

Credit Points: 3

Not available this year

This unit is not subject to quota.

Comparative Corporate Governance Structures (BUS284)

Credit Points: 3

Not available this year

Comparative Environmental Policy and Law (ENV552)

Credit Points: 3

MURDOCH: S1-external

This unit entails advanced study into the principles underlying environmental governance structures and alternative models for environmental policy, and their application in practice. The legislative support for environmental policy will also be explored in environmental protection, planning and management. The nature and effectiveness of different environmental policy instruments will be examined, as will the role of scientific knowledge in driving environmental policy and law reform.

Three half-day sessions during the semester and in Week 8, five half-day sessions run in the afternoon. All of these sessions are run

on-line.

Prerequisites: Enrolled in AQF level 8

Exclusions: ENV228 or ENV528 Environmental Policy and Law

Co-requisite: Good internet access for external students, a web camera and microphone for the on-line sessions.

Comparative Law (LLB325)

Credit Points: 3

IMACERATA: S2G-internal

This unit introduces students to the methodology of comparative law and to the basic structures and principles of selected major legal systems. It will concentrate on the main characteristics of the civil law system, as exemplified by German and French law. Students will be introduced to a comparative approach of studying law, enabling them to draw useful conclusions for their future legal career.

Taught intensively over 1 week: refer to timetable for details.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW130 Criminal Law and Procedure, LAW152 Torts, LAW260 Contract.

Exclusions: Students who have completed LAW3002 Special Topics in Law: Comparative Law may not enrol in this unit for credit.

The S2G enrolment option for this unit is offered as part of the European Summer Program in Law, hosted at the University of Macerata, Italy. Enrolment in this program is by application to the program Director, and applications require payment of a non-refundable deposit. Students enrolling in the program are responsible for their own airfares, accommodation and incidental expenses during the program. Contact the School of Law for further information.

This unit is subject to quota. Quota is due to limited resources and space requirements. Preference will be given to Law students in their final year.

Comparative Theatre (EGL205)

Credit Points: 4

Not available this year

The unit examines a range of different theatre and drama forms from diverse world cultures. It discusses what each form has in common with other forms, and central points of difference. It investigates the notion of a global or 'universal' actor. Included are the following forms: Noh and Kabuki theatres, Chinese opera, Kathakali, Balinese dance/drama, Yoruba masque theatre and theatre of development. Central to unit is a critical investigation of ideas of theatre anthropologists ie. Brook, Grotowski and Barba.

Lectures: 1 hour per week; seminars: 1.5 hours per week

Prerequisites: Nil.

Comparative Theatre (EGL242)

As for EGL205 except:

Credit Points: 3

Not available this year

Complex Care (NUR305)

Credit Points: 4

PEEL: S1N-internal

Unit focuses on a range of complex nursing skills and clinical decision making to support students in acute care settings such as accident and emergency, high dependency, intensive care, coronary care, perioperative and oncology units. It also addresses specific physiological and psychosocial responses and associated nursing care related to pathophysiological mechanisms of disease. Knowledge, scenarios, competencies and skills relevant to body systems being studied in order to determine best practice nursing care based on evidence and research will be included.

Lecture: 1 hour per week; laboratories: 2 hours per week.

Prerequisites: NUR203 Acute Care 1, NUR205 Acute Care 2, NUR256 Medication Management for Nursing

Students will demonstrate knowledge and competencies developed within this unit in a structured clinical practice.

Computational Mathematics (MAS167)

Credit Points: 3

DUBAI-ISC: TMD-internal

In this unit, students will learn to use the prominent mathematical computer package MATLAB to perform basic mathematical procedures and to solve problems in the general area of discrete mathematics. Topics include: recurrence relations, solving equations graphically and iteratively, computer arithmetic, basics of counting and discrete probability, matrices and linear transformations of the plane, propositional and predicate logic, mathematical induction, Boolean algebra and logic networks.

Lectures/tutorials/computer laboratories: 4 hours per week.

Prerequisites: A pass in Year 11 Foundations of Mathematics or equivalent OR satisfactory or higher achievement in WACE Mathematics (2A/2B or higher). Co-requisite: Internet access if studying externally.

Computer Forensics (ICT378)

Credit Points: 3

Not available this year

Computer Forensics (ICT504)

Credit Points: 3

MURDOCH: S2-internal

This unit provides an overview of computer forensic practice for IT professionals, compliance, and law enforcement personnel. The unit is of value to first respondents in criminal, investigation, civil litigation, or staff misconduct. Students will combine theoretical study with simulations of transgression on computer networks. Students become familiar with best computer forensic practice using leading forensic tools, undertake forensic analysis for incident reconstruction, and analysis reporting.

Workshops: 3 hours per week.

Prerequisites: Enrolment in a graduate IT course or permission of the Academic Chair.

Exclusions: Students who have completed ICT548 Cyber Forensics may not enrol in this unit for credit.

Computer Graphics Principles and Programming (ICT215)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit introduces the theory and techniques used in two and three dimensional computer graphics with an emphasis on applications development using a high level programming language and graphics library. Topics include: The OpenGL interface for graphics programming; geometric objects and their transformations; projections, shading, curves and surfaces, animation, texture, ray tracing

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised); plus optional clinics.

Prerequisites: B104/ICT104 Principles of Computer Science.

Computer Graphics Principles and Programming (ICT289)*As for ICT215 except:*

Credit Points: 3

Not available this year

Computer Science Research Topic (ICT700)

Credit Points: 3

MURDOCH: S1-internal, S2-internal

The purpose of this unit is to introduce students to an advanced topic of current interest within the computer science research community. The exact topic studied in this unit varies as the topic will be taught by an active researcher in that area. Possible topics: parallel computing, object-oriented database design; digital image processing and analysis; artificial neural networks; software design and development; formal specification of software systems.

Seminars: 2 to 3 hours per week.

Prerequisites: Enrolment in the Doctor of Information Technology.

Computer Security (ICT287)

Credit Points: 3

Not available this year

Computer Security (ICT339)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Provides a strong understanding of underlying security models and designs, and gives practical knowledge of how various types of security systems work in the real world. Topics: securing computer systems; minimising exposure to risks online; encryption to secure files, email and network traffic; intrusion detection systems and firewalls; network security testing and auditing; management of secure authentication techniques such as Kerberos, SSL and SSH; wireless networking; digital rights management; understanding of security flaws and their repair; and secure programming.

Workshops: 3 hours per week.

Prerequisites: ICT106 Fundamentals of Computer Systems and ICT103 Introduction to Data Communications.

Computer Systems and Network Management (ICT338)

Credit Points: 4

MURDOCH: S1-internal (closed pending cancellation of the offering), S1-external (closed pending cancellation of the offering)

This unit looks into the functions of modern operating systems, including network management and programming from a server point of view.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: ICT103 Introduction to Data Communications OR enrolment in a Postgraduate IT course.

Concepts for Neurological Health Management (NUR573)

Credit Points: 3

PEEL: S1-external, S2-external

This unit examines the scientific knowledge in neurological health management, which includes in-depth neuroscience anatomy and physiology, pathophysiology, aetiology, course, and progression of specific neurological conditions. Students will apply an evidence based approach to understanding the knowledge and practice of neurological health management in specific conditions or disorders, treatments and management of symptoms and complications. This scientific knowledge base will enable the student to develop enhanced assessment and complex decision-making skills within the specialist community neurological nursing context.

Prerequisites: Enrolment in a postgraduate nursing course.

Exclusions: Students who have successfully completed NUR673 Concepts for Neurological Health Management may not enrol in this unit for credit.

Conflict of Laws (LAW341)

Credit Points: 4

Not available this year

Explores the effect of jurisdiction, choice of law and the enforcement and recognition of judgements in cases where the dispute crosses legal systems. This may occur in Australia in interstate disputes and in cases where one party is foreign. In essence this unit is concerned with resolving conflicts that arise because of the interaction between two different legal systems. As these rules vary between different legal systems, this knowledge is essential for lawyers operating in a globalised world.

Taught intensively over 1 week: refer to timetable for details.

Prerequisites: LAW259 Constitutional Law; LAW258 Australian Administrative Law; LAW252 Evidence; LAW260 Contract.

The exam for the unit will be held one week after the end of face to face teaching.

Conflict of Laws (LLB341)*As for LAW341 except:*

Credit Points: 3

Not available this year

Conservation Biology (BI0368)

Credit Points: 4

MURDOCH: S1-internal

This unit provides students with a biological understanding of the major issues and approaches involved in the conservation of flora and fauna. The unit emphasises Australian examples. Topics: biodiversity, population biology and conservation, extinction and populations at risk, management of biota in conservation areas, translocations, ex-situ preservation and reintroduction of biota.

Lectures: 3 hours per week; workshops: 3 hours per week.

Prerequisites: ENV268 Ecology.

Conservation Biology (BI0375)*As for BI0368 except:*

Credit Points: 3

Not available this year

Conservation Medicine (VET630)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This unit aims to provide students with an understanding of fundamental issues associated with conservation medicine. The unit will explore a range of issues related to the interdisciplinary integration of veterinary science and conservation biology. Topics include: wildlife management, habitat protection, indigenous knowledge and community participation, integrated conservation and development projects, sustainable development, the role of institutions involved with wildlife conservation, the role of veterinarians in wildlife conservation efforts and the role of private practitioners in community conservation projects.

Tutorials: 2 hours per week for internal students, on-line discussion for external students.

Prerequisites: Enrolment in Master of Veterinary Studies in Conservation Medicine, Postgraduate Certificate in Veterinary Studies in Conservation Medicine or permission of the Academic Chair.

Enrolment in this unit in the internal mode is subject to approval by the Academic Chair.

Conservation Medicine Field Placement/Project (VET639)

Credit Points: 3

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

This unit requires the substantial investigation of a topic relevant to the fields of wildlife, zoo or conservation medicine. Students may elect to undertake a field placement with a conservation project in Australia or overseas as a component of this unit, in which case their assessment will involve completing either a Project focusing on a topic related to the placement or Case Study Reports relating to the management of clinical cases, with which the student had involvement.

Workshops and online discussion as required.

Prerequisites: Enrolment in Master of Veterinary Studies in Conservation Medicine, Postgraduate Certificate in Veterinary Studies in Conservation Medicine or permission of the Academic Chair.

Students wishing to undertake a placement or to enrol in the 6-point option of this unit need to contact the Unit Coordinator prior to enrolment. The 6-point project option is only available to

students undertaking the Master of Veterinary Studies in Conservation Medicine. The project will be supervised by a member of academic staff and will normally be 4000 words in length for a 3-point project, and 8,000 words (6 points), completed in accordance with University requirements. Placements will normally involve a supervisor from the placement institution and from Murdoch staff, and students will be assessed by both supervisors. Enrolment in this unit in the internal mode is subject to approval by the Academic Chair.

Conservation Medicine Field Placement/Project (VET639)*As for VET639 except:*

Credit Points: 6

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Master of Veterinary Studies in Conservation Medicine.

Constitutional Law (LAW259)

Credit Points: 4

MURDOCH: S2-internal

This unit reviews the basic principles of constitutional law in Australia. This will be done through examining the following topics: the origin and development of state and federal constitutional law; the principles of federalism and separation of powers; specific grants of power to the Commonwealth legislature under section 51 of the Commonwealth Constitution; express and implied constitutional rights; and the process of constitutional change.

Lectures: 4 hours per week; tutorials/workshops: up to 10 hours per semester.

Prerequisites: LEG150/LAW150 Australian Legal System. In addition students must have completed LEG120 (prior to 2012)/LAW120 Research and Writing/LAW120 Legal Writing for Lawyers.

Constitutional Law (LLB259)*As for LAW259 except:*

Credit Points: 3

Not available this year

Construction Claims Law (LLM578)

Credit Points: 4

MURDOCH: AW4-internal

An important aspect of construction law is the preparation of and response to claims arising from defective performance of legal obligations. This unit considers the nature of claims which arise in the construction industry, namely contract, tort and trade practices law. Also considered are claims procedures, liability, quantification, evidence and appropriate remedies.

Lectures and interactive workshop participation are delivered over 36 hours in intensive mode over 5 days of teaching. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in the Graduate Certificate in Construction Law.

Construction Law (LLM529)

Credit Points: 4

MURDOCH: UA6-internal

Construction Law is important for any student wishing to gain access to the construction industry. It provides a basic understanding of the construction industry and an understanding of the specific legal problems frequently encountered in large construction projects. Construction law is a highly specialised area of contract law, both front-end (negotiating and drafting the contract) and back-end (resolving disputes along the way, including alternative dispute resolution) work. The unit is practice oriented.

Lectures and interactive workshop participation are delivered over 36 hours in intensive mode over 5 days of teaching. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in Graduate Certificate in Construction Law.

Consumer Behaviour (BUS273)

Credit Points: 4

MURDOCH: S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

Studying how consumers behave is an important marketing activity in today's dynamic business and consumer environment. Consumers purchase products and services differently due to factors such as demographics, psychographics, culture and marketing. Consumer Behaviour investigates such differences and the subsequent decision-making. The unit also examines related ethical and social issues. Examples, discussions and exercises help illustrate the importance of consumer behaviour for business and non-profit organisations.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS169 Principles of Marketing or TOU213 Tourism Marketing.

Consumer Behaviour (BUS299)*As for BUS273 except:*

Credit Points: 3

Not available this year

Contemporary Advances in Economics: Theory and Applications - Honours (BUS463)

Credit Points: 4

MURDOCH: S1-internal

Economics assumes people are rational and self-interested decision makers. This unit introduces the cutting-edge microeconomic field known as experimental or behavioural economics and behavioural game theory; this research presents a more nuanced picture of 'economic man'. The implications of these new approaches for a number of real-world problems and issues that have been inadequately addressed by traditional economics are considered, such as addiction, cooperation and the valuation of non-marketed goods including environmental protection and safety .

Lectures/seminars: 3 hours per week.

Prerequisites: Enrolment in Bachelor of Economics with Honours.

Contemporary Asia (AST281)

Credit Points: 3

Not available this year

Contemporary China (BUS241)

Credit Points: 4

MURDOCH: S2-internal, S2-external

The economic and political rise to power of China cannot be ignored. This unit introduces China critically in terms of its geography, history and society, with a focus on contemporary China. It approaches Chinese politics and society from three key challenges facing the nation today: stability, sustainable development and national unity. By the end of the semester, students will have a basic understanding of the dynamics of change in today's China.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil. No knowledge of the Chinese language is required.

This unit is also available via Open Universities Australia (OUA).

Contemporary Culture (CMS102)

Credit Points: 3

MURDOCH: S2-internal, S2-external

The unit introduces students to foundational concepts, theories and approaches to the study of culture. It is premised on understanding the relationship between power, identity and the role of the media in the production and dissemination of culture. We consider how culture and knowledge are produced, communicated, mediated and how they construct 'self-hood'. We also discuss cultural expression in everyday life and popular culture. You will have opportunities to think critically about these issues via mixed modes of assessment.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MCC103 Contemporary Culture may not enrol in this unit.

Contemporary Dynamics in Asian International Affairs (SWM623)

Credit Points: 3

MURDOCH: S1-internal

The 21st century is predicted to be the 'Asian Century', yet 'Asia' is highly differentiated in its polities, societies, economies and cultures. This unit examines the current and future course of political, economic, and strategic change in Asia. Students engage with current regional problems, and proposed solutions, such as the role of regional and global cooperation, Australia's relationships with Asian states, non-traditional security issues including environmentalism and climate change, governance reforms, human rights, international aid and development policies.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in the Master of Public Policy and Management, Master of Development Studies, or Master of International Affairs.

Contemporary Fiction Writing (EGL343)

Credit Points: 3

Not available this year

Contemporary Financial Accounting (BUS256)

Credit Points: 4

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

KAPLAN-SGP: TMA-internal

KDUPJ: S1U-internal

SGP1: TMB-internal

This is an advanced accounting unit and therefore critically examines and evaluates a number of specific issues selected from the prevailing set of accounting standards promulgated in Australia and legally mandated for use by companies. These range from share issues, asset impairment and intangibles consolidations, tax-effect accounting, extractive industries, leases, financial instruments and public sector accounting. The unit focuses on definitions, concepts, principles and theories as well as accounting practices in the Australian context.

Lectures: 2 hours per week; workshops: 1 hour per week.

Prerequisites: BUS217 Technology and Accounting Processes.

Trimester offerings for this unit at Singapore (SGP1) are taught in intensive mode.

Contemporary Financial Accounting (BUS356)*As for BUS256 except:*

Credit Points: 3

Not available this year

Contemporary Issues in Gifted and Talented Education (EDN526)

Credit Points: 3

MURDOCH: SP23-internal

This unit aims to develop an understanding of conceptions of giftedness and the theories underpinning gifted education in contemporary contexts. Students will examine a diverse range of procedures for identifying giftedness and talent in students from early childhood to adolescence, including those used to identify gifted students from specific populations. The unit will also address the social and emotional needs of gifted students and provide an opportunity to examine a range of models designed to meet students' educational needs.

Includes 4 intensive days comprising 4 days in July - July 8,9,10,11 2014.

Prerequisites: Enrolment in the Postgraduate Certificate in Gifted and Talented Education, or a Masters or Doctoral degree in Education, or permission of the Unit Coordinator.

Enrolment in the Graduate Certificate in Gifted and Talented Education, or a Masters or Doctoral degree in Education, or permission of the Unit Coordinator.

Contemporary Nursing Management of Mental Illness (NUR206)

Credit Points: 4

PEEL: S1N-internal

This unit focuses on areas designed to enhance students' knowledge and understanding of mental illness in our society. It explores the major types of mental illness and some of the approaches used in

the treatment of these; the impact of stigma on those suffering from mental illness, the assessment of risk and some of the ethical dilemmas faced by practitioners and consumers. Students will have the opportunity to meet and interact with consumers of the mental health services.

Lecture: 1 hour per week; tutorials: 2 hours per week

Prerequisites: Completion of all Part I core BNursing units.

Contemporary Nursing Practice (NUR103)

Credit Points: 3

PEEL: S1N-internal

This unit is the first of two units that focus on the professional matters underpinning contemporary nursing practice. These units are intended to incrementally support students in their evolution from student nurse to registered nurse.

In this introductory unit students will be provided with opportunities to explore the historical and theoretical foundations, professional, regulatory, legal and ethical standards, and the key roles and responsibilities that underpin the delivery of patient care.

Lecture: 1 hour per week; tutorials: 2 hours per week

Prerequisites: Enrolment in Bachelor of Nursing.

Contemporary Theatre Practice (EGL202)

Credit Points: 4

Not available this year

This unit seeks to examine the processes involved in the staging of a theatrical production - from the selecting of a text to the public performance of that text: proverbially, from 'page' to 'stage'. The unit also provides students with a range of practical models from which to construct their own approach to producing theatre and provides excellent preparation for more advanced production units such as EGL329 Acting and Production II and EGL123 Children's Theatre.

Lectures/workshops: 3 hours per week; rehearsals and performance: as required.

Prerequisites: Co-requisite (for all students): Internet access.

Contemporary Theatre Practice (EGL349)*As for EGL202 except:*

Credit Points: 3

Not available this year

Contract (LAW260)

Credit Points: 4

MURDOCH: S1-internal

This unit will consider the elements necessary for the formation of an enforceable contract, including offer and acceptance, consideration, intention, certainty of terms and capacity; the ways in which contractual terms are determined and interpreted; violation of otherwise enforceable contracts by elements such as misrepresentation, mistake, illegality or unconscionability; and enforcement of contractual rights, including excused performances, rights to terminate and available remedies for breach. Relevant legislation and its interpretation will be considered in this unit.

Lectures: 4 hours per week; tutorials/workshops: up to 10 hours per semester.

Prerequisites: Enrolment in LLB or Juris Doctor (pre-2014). Completion of LEG150 (prior to 2012)/LAW150 Australian Legal System and LEG120 (prior to 2012)/LAW120 Research and Writing or concurrent enrolment in LAW120 Research and Writing.

Juris Doctor (pre-2014) students can enrol in both LAW120 and LAW150 as co-requisites.

Contract Law (LLB260)

Credit Points: 3

Not available this year

This unit will examine the elements necessary for the formation of an enforceable contract, including offer and acceptance, consideration, intention, certainty of terms, capacity and the ways in which contractual terms are determined and interpreted. The unit will also examine the concepts of privity and estoppel. Contemporary issues associated with the formation of contracts via the internet and email will be discussed. Relevant legislation and its interpretation will be considered in this unit.

24 lecture hours and up to 5 x 1 hour tutorials during the semester

Prerequisites: Enrolment in LLB or Juris Doctor (pre-2014) Completion of LEG150 (prior to 2012)/LAW150 Australian Legal System and LEG120 (prior to 2012)/LAW120 Research and Writing/LAW120 Legal Writing for Lawyers or concurrent enrolment in LAW120 Research and Writing/LAW120 Legal Writing for Lawyers. PLUS concurrent enrolment with LLB261 Contract Law B OR successful completion of LLB261 Contract Law B. Juris Doctor (pre-2014) students can enrol in both LAW120 and LAW150 as co-requisites.

Exclusions: Students may not enrol in LLB260 Contract Law A if they have successfully completed LAW260 Contract.

Control Systems and Process Dynamics (ENG267)

Credit Points: 4

MURDOCH: S2-internal, SUM-internal

This unit provides the foundations in the dynamics, modelling and control of process-oriented systems. Topics: concepts of process control, system components; elements of dynamic analysis, Laplace Transform; process models, transfer functions; low order, second order and time delay systems; stability; feedback control; PID controller, tuning; sampled data systems; discrete time systems, tools, analysis; digital controllers, hybrid systems. Simulink, MATLAB and LabVIEW are used extensively in problem solving, simulations and perform measurement/control in the instrumentation and control laboratory.

Lectures: 4 hours per week; laboratories: 4 hours per week.

Prerequisites: Medical Engineering students: PEC152/PEN152 Principles of Physics; MAS161 Calculus and Matrix Algebra or co-requisite MAS208 Mathematical Modelling. For students not studying Medical Engineering: PEC152/PEN152 Principles of Physics; MAS161 Calculus and Matrix Algebra or co-requisite MAS208 Mathematical Modelling; ENG109 Computing for Scientists and Engineers.

Enrolment for Summer offering is by permission of the Academic Chair only.

Control Systems and Process Dynamics (ENG299)

As for ENG267 except:

Credit Points: 3

Not available this year

Controversies in Australian Politics (POL217)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This is an opportunity to discuss important issues confronting Australians in the 21st Century. Some are more institutional: adopting a Bill of Rights and dealing with increasingly powerful Prime Ministers. Others concern dealing with climate change, delivering education and healthcare, creating liveable cities and responding to the needs of indigenous Australians. Others relate to Australia's relationships with other countries, especially the US and China. Student will get to focus on issues important to them.

Lectures/tutorial: 3 hours per week.

Prerequisites: Nil.

Controversies in Australian Politics (POL227)

As for POL217 except:

Credit Points: 3

Not available this year

Conversational Chinese (BUS233)

Credit Points: 4

MURDOCH: S1-internal, S1-external

The unit focuses on conversation in Mandarin with an emphasis on everyday vocabulary, pronunciation and grammar, enabling students to participate in daily activities. By the end of the unit students should be able to master about 700 characters.

Lectures/tutorials/laboratories: 4 hours per week.

Thin unit is also available via Open Universities Australia (OUA).

Corporate Accounting (MBS632)

Credit Points: 4

KAPLAN-SGP: TJA-internal, TSA-internal

This is an advanced unit in financial accounting which focuses on issues that arise because a business is incorporated. The topics include those that have a high degree of specific relevance to large public companies and include disclosure, mergers and acquisitions, governance and share issue. These topics will be discussed in the context of the law, International and Australian Accounting Standards and generally accepted accounting practices.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: MBS513 Accounting for Managers.

It is strongly recommended that Accounting Processes is completed before taking this unit.

Corporate Accounting (MBS678)

As for MBS632 except:

Credit Points: 3

MURDOCH: S2-internal

Corporate Finance (BUS224)

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-internal

ROCKINGHAM: S1-internal

DUBAI-ISC: TJD-internal, TSD-internal

KAPLAN-SGP: TJA-internal, TSA-internal

KDUPJ: S1U-internal

SGP1: TJB-internal, TSB-internal

The main objective of this unit is to develop a basic knowledge of finance, especially in relation to the investment decisions for the corporate financial manager. Major topics: the evaluation and selection of investment projects; introduction to the capital asset pricing model; dividend policy and capital structure; and working capital management.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS160 Introduction to Accounting or BUS170 Foundations of Accounting, and either; BUS140 Principles of Finance and Banking and MAS180 Introduction to Statistics or BUS130 Foundational Mathematics for Business

Trimester offerings for this unit at Singapore (SGP1) are taught in intensive mode.

Corporate Finance (BUS286)

As for BUS224 except:

Credit Points: 3

Not available this year

Corporations and Securities Law (MBL509)

Credit Points: 3

MURDOCH: S1-internal

The unit will examine how Australian company law and the Australian Stock Exchange provide for the formation, operation, financing and termination of companies as business entities. The relationships between the stakeholders, the company, the members and officers and parties outside the company will be considered. Securities regulation is also studied.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: LLM502 Law for Business; enrolment in a postgraduate-level course.

Exclusions: Students who have successfully completed MBS509 Company Law may not enrol in this unit for credit.

Corporations Law (LAW352)

Credit Points: 4

MURDOCH: S1-internal

This unit will consider the major forms of private business association in Australia, focusing on the company and the partnership. The unit will consider how business associations are formed, financed and terminated. The classes will chiefly pertain to the case law and to the relevant statutes - the Partnership Act 1895 (WA) and the Corporations Act (Cth) - and their interpretation.

Lectures: 4 hours per week; tutorials/workshops: up to 10 hours per semester.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract, LAW258 Australian Administrative Law, LAW259 Constitutional Law, LAW252 Evidence.

In addition, students must have passed or be concurrently enrolled in LAW253 Property.

Juris Doctor students may concurrently enrol in LAW258 Australian Administrative Law and LAW352.

Exclusions: Students in Law/Commerce who enrol in this unit may not enrol in C328/BUS328 Company Law for credit.

Corporations Law (LLB452)

As for LAW352 except:

Credit Points: 3

Not available this year

Counselling Adults (CSL583)

Credit Points: 3

MURDOCH: S2-internal

PEEL: S2-internal

Students will be introduced to theories and intervention approaches which explain and promote health and well-being in adults with attention given to social context and human diversity. Mental health problems including mood disorders, anxiety and substance use will also be covered. A skills-based approach to dealing with significant adult concerns, including relationship complexities is covered. This will also include how to incorporate research into counselling practice.

Lectures: 3 hours per week.

Prerequisites: Must be enrolled in the Postgraduate or Graduate Certificate of Counselling, Postgraduate or Graduate Diploma of Counselling or Master of Counselling. Other students wanting to study this unit can be interviewed by the Unit Coordinator for consideration by the Counselling Academic Chair

Exclusions: Students who have successfully completed PSY583/530 Counselling: Working with Adults may not enrol in this unit for credit.

Counselling Children and Adolescents (CSL578)

Credit Points: 3

MURDOCH: S2-internal

PEEL: S2-internal

Working with children and adolescents means engaging explicitly within a web of relationships. In this unit students are encouraged to become familiar with the lived experience of children, adolescents and their families. Students expand their capacity to create effective counselling relationships with dyads and family groups. Students will become familiar with commonly encountered issues and gain an applied knowledge of theories and models that underpin counselling with children and adolescents. Attention will be given to social context and human diversity.

Lectures: 3 hours per week.

Prerequisites: Must be enrolled in the Postgraduate or Graduate Certificate of Counselling, Postgraduate or Graduate Diploma of Counselling or Master of Counselling. Other students wanting to study this unit can be interviewed by the Unit Coordinator for consideration by the Counselling Academic Chair.

Exclusions: Students who have successfully completed PSY578/535 (Counselling: Children and Families) may not enrol in this unit for credit.

Counselling Placement and Supervision Group 1 (CSL522)

Credit Points: 6

MURDOCH: DE7-placement, S1L-placement

In this unit students begin working with clients in the Counsellor Training Centre at South Street. Students work with child and adult clients with the support of individual and group supervision. Close attention is paid to developing and maintaining counselling relationships, case conceptualisation, engagement in supervision, and professional practice.



Minimum of 15 hours per week.

Prerequisites: Completion of PSY405/PSY531 Counselling: Principles of Counselling 1; PSY528/581 Counselling: Experiential Learning in Individual and Group Counselling; PSY527/566 Counselling: Case Conceptualisation and Assessment; PSY439/532/684 Counselling: Principles of Counselling 2; AND completion or concurrent enrolment of PSY530/583 Counselling: Working with Adults, or CSL583 Counselling Adults; PSY535/578 Counselling: Children and Families; or CSL578 Counselling Children and Adolescents or permission from Academic Chair.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students who have successfully completed PSY522/579 (Counselling: Placement and Supervision Group 1) may not enrol in this unit for credit

Counselling Placement and Supervision Group 1 (CSL579)

Credit Points: 4

MURDOCH: DE7-placement, S1L-placement

In this unit students begin working with clients in the Counsellor Training Centre at Murdoch campus. Students work with child and adult clients with the support of individual and group supervision. Close attention is paid to developing and maintaining counselling relationships, case conceptualisation, engagement in supervision, and professional practice.

A minimum of 15 hours per week.

Prerequisites: Completion of Postgraduate or Graduate Diploma and enrolment in Master of Counselling or by permission of the Counselling Academic Chair.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students who have successfully completed PSY522/579 (Counselling: Placement and Supervision Group 1) may not enrol in this unit for credit.

Students in this unit undertake counselling work with vulnerable members of the public: all students will be assessed through staff review, and in some cases interview, for their readiness to undertake this unit. Students may be asked to undertake extra preparation.

Counselling Placement and Supervision Group 1 (CSL679)

As for CSL579 except:

Credit Points: 6

MURDOCH: DE7-placement (quota of 12 places), S1L-placement (quota of 12 places)

A result of Ungraded Pass or Fail is awarded for this unit.

This unit is subject to quota. Quota is due to limited resources for supervising students during practicum. Selection of students is based on academic performance in core Counselling units as well as other criteria indicating readiness for practice.

Counselling Placement and Supervision Group 2 (CSL621)

Credit Points: 6

MURDOCH: DE7-placement (quota of 12 places), S1L-placement (quota of 12 places)

Students complete their second placement in an appropriate counselling environment, working with the supervision of a practising counsellor. Students participate in group supervision on campus, providing a link between training and supervision within

the University and work and supervision on placement. Counselling relationships, supervisory relationships, case conceptualisation and intervention are key elements in this unit. Understanding issues relating to ethical conduct, indigenous and CALD perspectives and professional practice are developed through group supervision.

36 days of placement in consultation with the Placement Coordinator, plus up to 2 hours per week group supervision and occasional seminars.

Prerequisites: Enrolled in the Master of Counselling and have completed CSL579 previously PSY522/PSY579 Counselling Practicum 1 or permission of Counselling Academic Chair.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students who have successfully completed PSY621 Counselling: Placement and Supervision 2 or PSY622 Counselling: Placement and Supervision 3 may not enrol in this unit for credit.

This unit has a quota which may result in some students not being able to enrol in the unit in the semester they choose. This may mean studying part-time.

This unit is subject to quota. Quota is due to limited resources for supervising students during practicum. Selection of students is based on academic performance in core counselling units as well as other criteria indicating readiness for practice.

Counselling Placement and Supervision Group 3 (CSL622)

Credit Points: 4

MURDOCH: DE7-placement (quota of 12 places), S1L-placement (quota of 12 places)

Students complete their final placement in an appropriate counselling environment, working with the supervision of a practising counsellor. Students participate in group supervision on campus, providing a link between training and supervision within the University and work and supervision on external placement. Counselling relationships, supervisory relationships, case conceptualisation and intervention are key elements in this unit. Students continue to develop their ability to engage with ethical issues, indigenous and CALD perspectives, and professional conduct through group supervision.

36 days of placement in consultation with the Placement Coordinator plus up to 2 hours per week in supervision group and occasional seminars. When a student completes PSY622 at the same workplace as PSY621, a reduction in the number of days required may be negotiated.

Prerequisites: PSY621 Counselling Practicum 2 or by permission of the Counselling Academic Chair.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students who have successfully completed PSY622 Counselling: Placement and Supervision 3 may not enrol in this unit for credit.

This unit has a quota which may result in some students not being able to enrol in the unit in the semester they choose. This may mean studying part-time.

This unit is subject to quota. Quota is due to limited resources for supervising students during practicum. Selection of students is based on academic performance in core counselling units as well as other criteria indicating readiness for practice.

Counselling Research Project (CSL620)

Credit Points: 9

MURDOCH: H-internal, S1-internal, S2-internal, SUM-internal, Y-internal

Evaluating central features and outcomes of counselling practice is an important element of counsellors' commitment to accountability as practitioners. In this unit, students are required, based on the study design developed in SHP632 to conduct and report in journal article format, a substantial research project addressing an issue in counselling theory or practice.

To be discussed with Supervisor.

Prerequisites: 24 credit points in Master of Counselling or permission of the Counselling Academic Chair.

Exclusions: Students who have successfully completed PSY620 Counselling: Research Project may not enrol in this unit for credit.

Counselling Research Project (CSL677)

Credit Points: 6

MURDOCH: Y-internal

Case studies enable counsellors to contribute to shared professional knowledge by presenting carefully documented and analysed case-based evidence. Case study research is a modality of research relevant to students of counselling as it informs the profession while also providing a structure for personal and professional development in therapists, in the form of opportunities to reflect on practice. In this unit students will acquire the conceptual understanding and practical tools required to conduct systematic, high-quality counselling case study research.

Seminars: 3 hours per fortnight.

Prerequisites: Enrolment in Master of Counselling. Other students wanting to study this unit can be interviewed by the Unit Coordinator for consideration by the Counselling Academic Chair.

Exclusions: Students who have successfully completed PSY677 Counselling: Case Study may not enrol in this unit for credit.

Counselling: Case Study (PSY677)

Credit Points: 4

MURDOCH: S2-internal

Case studies enable counsellors to contribute to shared professional knowledge by presenting carefully documented and analysed case-based evidence. This practice provides a structure for personal and professional development in therapists, in the form of opportunities to reflect on practice. In this unit students will acquire the conceptual understanding and practical tools required to conduct systematic, high-quality counselling case studies.

Lectures/seminars: 3 hours per week.

Prerequisites: Enrolment in Master of Counselling. Other students wanting to study this unit can be interviewed by the Unit Coordinator for consideration by the Counselling Academic Chair.

Counselling: Research Project (PSY620)

Credit Points: 12

MURDOCH: H-internal, S1-internal, S2-internal, SUM-internal, Y-internal

Evaluating the success of counselling work is an important element of our commitment to accountability as practitioners. In this unit, students are required to design, conduct, and report in journal article format, a substantial research project addressing an issue in counselling theory or practice.

To be discussed with Supervisor.

Prerequisites: 24 credit points in Master of Counselling or permission of the Counselling Academic Chair.

Counterterrorism Policy (SWM627)

Credit Points: 3

MURDOCH: S1-internal

In the 21st century global security and the phenomenon of terrorism have become central concerns for both national governments and global institutions. This unit provides students, practitioners and professionals with the analytical tools to understand key security threats and the complex and multi-dimensional phenomenon of terrorism. The unit focuses principally upon counterterrorism: the development of policy, the evaluation and critique of existing practices of counterterrorism, and the relationship of counterterrorism policies to democracy, human rights and social justice.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in the Master of Public Policy and Management, Master of Development Studies, or Master of International Affairs.

Country, Nature and Identity: Indigenous Sustainability (AIS301)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit explores the intersection between living more 'sustainably' and the centrality of Indigenous peoples, their cultural-natural resources and their aspirations in any discussion of sustainability in this country. It encourages students to explore their own assumptions about big ideas like 'nature,' 'civilisation' and 'development,' and Australian (and often international) Indigenous ideas about 'country,' with their cultural commitment to reciprocity, stewardship and the co-evolution of cultures and 'natures'.

Lecture: 1 hour per week; Workshop: 2 hours per week

Prerequisites: Nil.

Exclusions: Students who have successfully completed AIS201 Indigenous Sustainability may not enrol in this unit for credit.

Country, Nature and Identity: Indigenous Sustainability (AIS306)*As for AIS301 except:*

Credit Points: 3

Not available this year

Creating Effective Learning Environments (EDN422)

Credit Points: 4

MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

This unit focuses on ways of enhancing the learning of all students by examining the cognitive, emotional, social and behavioural factors which impact on the ecology of inclusive learning environments. It considers whole school, community, classroom and individual teaching and learning adjustments to meet diverse student needs. Students enrolled in the Inclusive Education minor will focus on the needs of students requiring high levels of

adjustments including students with challenging behaviour, cognitive impairment and learning difficulties.

Lectures: 1 hour; workshops: 2 hours

Prerequisites: EDN221 Learning, Teaching and Assessment 1 and EDN222 Learning, Teaching and Assessment 2, or EDU245 Learning and Assessment Processes or EDU240 Facilitating Lifelong Learning or equivalent. Students without the prerequisite should consult the Unit Coordinator.

Creating Effective Learning Environments (EDN458)

As for EDN422 except:

Credit Points: 3

Not available this year

Creating History (HIS300)

Credit Points: 3

Not available this year

This History 'capstone' unit allows students to participate in a major supervised research project and reflect on their practice of history. Students will have the opportunity to apply discipline-specific knowledge and skills gained throughout their degree. The unit will serve as a gateway to further study in History and consolidate learning applicable to future employment.

Prerequisites: Successful completion of HIS200 History, Society and Culture

Creative Communities (SUS530)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit aims to equip students with skills in community cultural, economic and social development that are much-needed in the current era of great change. The unit explores new thinking and innovative practices regarding creativity and communities, cultural planning and community cultural development, local economic development and 'plugging the leaks', collaborative consumption, talent attraction and retention, intercultural spaces and places, and local-level social capital and social inclusion.

Lectures/seminars: 3 hours per week.

Prerequisites: Enrolment in an Honours or Postgraduate-level course.

Exclusions: Students who have successfully completed STP630 Cities and Innovation may not enrol in this unit for credit.

Creative Prose Writing (EGL203)

Credit Points: 4

Not available this year

Students will extend their understanding of some of the ways contemporary prose fiction writers deploy personal observations and writing techniques to engage readers. Students will extend their understanding of key literary concepts through the development of their own prose fiction creative writing projects. The weekly workshops emphasise the role of analytical reading and rewriting in the development of writers' voices and styles, and aim to develop students' skills in addressing technical, aesthetic and imaginative aspects of their own writing.

Introductory lecture week 1 only, weekly workshops up to 3 hours long.

Prerequisites: Nil.

Creative Radio (RAD301)

Credit Points: 3

MURDOCH: S1-internal (quota of 45 places)

Exposes students to non-traditional radio forms such as radio drama, comedy, quiz shows and 'live studio audience' radio which can act as springboards for other media. In fields like radio art, experimental music radio and avant-garde sound/radio, both the practice itself and scholarly study can be developed. These alternative radio forms offer creative insight into what radio could be, expanding understanding of mainstream radio practice and giving the opportunity to produce radio in a broader creative paradigm.

Lectures: 1 hour per week; workshops: 1.5 hours per week.

Prerequisites: RAD105 Introduction to Radio or EGL122 Writing and Creativity.

This unit is subject to quota. Quota is due to limitations on studio space and equipment. Preference will be given to students enrolled in the BA (Radio).

Creative Ways to Work with Community (COD302)

As for COD334 except:

Credit Points: 3

Not available this year

Creative Ways to Work with Community (COD334)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Increasingly individuals, organisations, 'communities' and various government instrumentalities are signalling that community involvement in planning, management and government is something they would like to see carried out more often. At the same time, a range of imaginative strategies and tools have emerged to try and increase the level of community involvement in decision making. This unit introduces students to some of these practical participatory methods.

Workshops: 3 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed COD326/526 Community Participatory Practice may not enrol in this unit for credit.

Credit and Lending Decisions (BUS308)

As for BUS337 except:

Credit Points: 3

Not available this year

Credit and Lending Decisions (BUS337)

Credit Points: 4

MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TMA-internal, TSA-internal
SGP1: TMB-internal, TSB-internal

The focus of this unit is the key functions of the bank with particular emphasis on the management of lending and credit assessment. Topics include: an overview of credit risk, the credit decision, management of problem loans and credit policy formulation and implementation. In addition, current credit techniques including credit scoring models and value at risk (VAR) will be introduced.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS224 Corporate Finance or BUS244 Treasury Management.

Crime and Punishment Since 1700 (HIS260)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Focusing on Western society from the eighteenth century to the present, this unit explores crime and punishment from an historical perspective. Crime is examined in relation to social changes, protest, class and gender along with the evolution of the punishment and detection. Material will be drawn from the United States, Britain and Australia, with topics ranging from archaic game laws to modern serial killers.

Lectures/seminars: 3 hours per week.

Prerequisites: Nil.

Criminal Behaviour (CRM203)

As for CRM210 except:

Credit Points: 3

Not available this year

Exclusions: Students enrolled in the LLB/BA in Criminology combined degree enrol into this unit for credit towards the Criminology major.

Criminal Behaviour (CRM210)

Credit Points: 4

MURDOCH: S1-internal

This unit examines the biological and familial correlates of crime and the personal attributes of offenders as well as an examination of violent, sexual and drug related crimes and the treatment of offending behaviour.

Lectures: 3 hours per week.

Prerequisites: Nil.

Exclusions: LLB (four year degree) and Juris Doctor (pre-2014) students may not enrol in this unit for credit. Students enrolled in the LLB/BCrim joint degree enrol into this unit for credit towards the BCrim degree.

Criminal Justice (CRM205)

Credit Points: 4

MURDOCH: S1-internal

This unit will explore the criminal justice system from investigation to punishment with an emphasis on areas currently regarded as in need of reform. Focal points of this unit will be a critical analysis of the policy issues underlying the formulation and implementation of the criminal law and the treatment of certain groups by the criminal justice system, such as Indigenous people, women and young persons. This unit aims to foster a critical approach to contemporary issues in criminal justice.

Lectures: 3 hours per week.

Prerequisites: Nil.

Exclusions: LLB or Juris Doctor (pre-2014) students may not enrol in this unit for credit.

Students taking the unit at the advanced level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills. Students enrolled in the LLB/BCrim joint degree must enrol in the CRM205 version of the unit. They must not enrol in the LAW405

version of the unit.

Criminal Justice (LAW205)

Credit Points: 4

MURDOCH: S1-internal

This unit will explore the criminal justice system from investigation to punishment with an emphasis on areas currently regarded as in need of reform. Focal points of this unit will be a critical analysis of the policy issues underlying the formulation and implementation of the criminal law and the treatment of certain groups by the criminal justice system, such as Indigenous people, women and young persons. This unit aims to foster a critical approach to contemporary issues in criminal justice.

Lectures: 3 hours per week.

Prerequisites: Enrolment in LLB or Juris Doctor (pre-2014).

Students taking the unit at the advanced level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills. Students enrolled in the LLB/BCrim joint degree must enrol in the CRM205 version of the unit. They must not enrol in the LAW205 version of the unit.

Criminal Law and Procedure (LAW130)

Credit Points: 3

MURDOCH: S2-internal

Examines the principles of criminal responsibility in Western Australia (primarily through the interpretation of the Criminal Code (WA)), aspects of the law relating to criminal procedure in Western Australia, and the social context within which criminal law operates. Homicide, nonfatal offences against the person and offences against property are covered. Defences such as mistake, insanity, intoxication, provocation and self defence are examined. Criminal Procedure topics include pre-trial procedures, trial procedures and sentencing.

Lectures: 3 hours per week; tutorials/workshops: up to 10 hours per semester.

Prerequisites: Enrolment in LLB or Juris Doctor (pre-2014) ; LLB students must have completed LEG150 (prior to 2011)/LAW150 Australian Legal System; Juris Doctor students may enrol with LAW150 as a co-requisite.

Criminal Law in Western Australia (LEG201)

As for LEG219 except:

Credit Points: 3

Not available this year

Prerequisites: LEG100 Law, Justice and Social Policy or LEG150 Australian Legal System or permission of the Unit Coordinator and Academic Chair.

Exclusions: LLB students may not enrol in this unit for credit. Students who have successfully completed LEG219 Criminal Law in Western Australia may not enrol in this unit for credit.

Criminal Law in Western Australia (LEG219)

Credit Points: 4

MURDOCH: S1-internal

This unit will introduce students to the Criminal Law in Western Australia. Students will study legislation, predominantly the Western Australian Criminal Code, and become familiar with the laws of criminal responsibility. In particular, students will learn the elements of fatal offences, nonfatal offences and offences against

property, as well as the defences which may be raised. Throughout the unit, policy issues which underlie the criminal law will be raised and discussed.

Lectures: 3 hours per week.

Prerequisites: LEG100 Law, Justice and Social Policy or LEG150 Australian Legal System (prior to 2011) or permission of the Unit Coordinator and Academic Chair.

Exclusions: LLB or Juris Doctor (pre-2014) students may not enrol in this unit for credit.

Students enrolled in the LLB/BCrim joint degree may not enrol into LEG219 Criminal Law in Western Australia.

Criminology (CRM206)

Credit Points: 4

MURDOCH: S2-internal

This unit covers the theoretical explanations of criminal behaviour and its development. Theories from biological, psychological, sociological, legal and economic traditions are reviewed, analysing their strengths and weaknesses.

Lectures: 3 hours per week.

Prerequisites: LEG100 Law, Justice and Social Policy or LEG150 Australian Legal System/LEG150 Introduction to Legal Studies.

Exclusions: LLB or Juris Doctor (pre-2014) students may not enrol in this unit for credit.

Students taking this unit at the higher level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills. Students enrolled in the LLB/BCrim joint degree must take the CRM version of the unit for credit towards their BCrim.

Criminology (LAW206)

Credit Points: 4

MURDOCH: S2-internal

This unit covers the theoretical explanations of criminal behaviour and its development. Theories from psychological, sociological, legal and economic traditions are reviewed, analysing their strengths and weaknesses.

Lectures: 3 hours per week.

Prerequisites: Enrolment in LLB or Juris Doctor (pre-2014).

Students taking the unit at the advanced level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills. Students enrolled in the LLB/BCrim joint degree must enrol in the CRM206 version of the unit. They must not enrol in the LAW206 version of the unit.

Criminology Honours Seminar (CRM440)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Criminology.

Critical and Creative Thinking (PHL131)

Credit Points: 3

MURDOCH: S1-internal, S1-external

Achieving a high level of critical and creative thinking is one of the most important goals of a university education. This unit aims to enhance the thinking and communication skills that are fundamental to all of your academic studies. Employers in most

professions and industries regard these abilities as essential. Effective thinking demands rigorous analysis, imagination and insight. In this unit you will develop and practise these skills and learn how to structure a successful, systematically reasoned essay.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Critical and Ethical Issues in Communication (MCM501)

Credit Points: 3

MURDOCH: S1-internal

Media and communication professionals operate in an environment governed by laws, regulations and professional codes of practice. Practitioners need to understand and apply them. They also need to make critical editorial judgments in an ethical way, in context and often under pressure. This unit investigates some key issues that demand understanding, analysis and application of regulations and ethical decision making.

Seminars/workshops: delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will complete assignments independently, in consultation with teaching staff.

Prerequisites: Nil.

Critical Metaphysics (PHL205)

As for PHL218 except:

Credit Points: 3

Not available this year

Critical Metaphysics (PHL218)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Metaphysics is the philosophical discipline concerned with the ultimate 'nature' of reality, the ontological status of the components of the real world, and the necessary conditions for knowledge of such things. Our investigations will focus on the metaphysical positions of Descartes, Spinoza, Leibniz, Locke, Hume and Kant. Key issues include: space and time, subject and object, cause and effect, core aspects of the mind, and the relative merits of Rationalist versus Empiricist approaches to these issues.

Lectures/tutorials: 2.5 hours per week.

Prerequisites: Nil.

Critical Pedagogy: Gender, Race and Social Class in Education (EDN524)

Credit Points: 3

Not available this year

This unit explores critical pedagogy both conceptually and practically, drawing on the work of key educators whose praxis embraces a critical perspective. There is a particular focus in examining inequities in educational practice and provision such as those connected to gender, race and social class, and explores how through critical pedagogy educators might better understand the deeper values, ideologies and institutional structures that lie beneath the surface of practices of teaching and learning.

For participants enrolled in the summer offering there is a compulsory two-week on-campus component in January. This is in addition to preparation time prior to the intensive teaching period.

Prerequisites: Completion of at least 48 points at Part II.

Due to the intensive nature of this unit offering, students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement of the teaching period.

Critical Perspectives in Early Childhood Education (EDN512)

Credit Points: 3

MURDOCH: S2-external

This unit offers participants the opportunity to engage critically with early childhood research and theoretical perspectives. Participants will develop a critical framework for planning, implementing and evaluating early childhood education programs for their own practice and/or for extended research programs. Participants will examine and critically reflect on models of the learner and curriculum contexts in early education.

External: No attendance required. On-campus meetings usually available.

Prerequisites: Enrolment in a Postgraduate qualification or permission of the Unit Coordinator.

Critical Perspectives on Breastfeeding and Lactation Consultant Practice (MID632)

Credit Points: 3

MURDOCH: S2-internal

This unit will explore the historical, psycho-social, politico-legal, cultural, economic and ethical aspects of breastfeeding and lactation consultancy. Critical analysis of the complex relationship between these influences will assist the student in understanding breastfeeding from the parent's, the infant's, the community's and the health professional's perspectives and so better prepare them for independent professional practice as a lactation consultant.

Lectures: 2 hours per week; tutorials: 2 hours per week.

Prerequisites: Enrolment in a postgraduate course.

Critical Policy Analysis and Teachers' Work (EDU658)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit examines the impact of educational policy on the lives and work of teachers and how it affects their choices in the areas of curriculum and pedagogy and their overall sense of ownership of their work. The unit will introduce students to recent developments in critical policy analysis for the purpose of investigating educational policies relevant to their own professional development and interests in schools, tertiary institutions or vocational education and training.

External: no attendance required

Prerequisites: For the 600-level version of the unit, enrolment in a Postgraduate qualification or permission of the Unit Coordinator.

Critical Topics in Communication and Media Studies (CMS306)

Credit Points: 3

Not available this year

This unit is designed as a final year research project for Communication and Media Studies students. The first part of the unit introduces students to a range of critical theories and concepts, as well as research tools and methods that are applicable to the study of communication and media. In the second part of the unit,

these theories and tools are applied to a contemporary topic or subject of personal interest to the student via independent research and study.

CSI: Control System Investigation (ENG668)

Credit Points: 3

MURDOCH: S1-internal

This unit examines different methodologies for evaluation of control system performance. Large scale process case studies are identified, modelled and controlled using different types of conventional and advanced controllers studied in previous units. Suitable performance indicators/measures are then identified and implemented into the case studies and used to evaluate the performances of the control systems especially in relation to process economics.

Lectures/tutorials/meetings/laboratories: By arrangement with the Unit Coordinator.

Prerequisites: Enrolment in the Master of Engineering or permission of the Engineering Academic Chair.

Cultural and Media Policy (MCC337)

Credit Points: 4

MURDOCH: S1-internal, S1-external

KAPLAN-SGP: TMA-internal

KDUPJ: S1U-internal

SGP1: TMB-internal

This unit focuses on media and arts policy-making in Australia and its global context. It considers the political, social and cultural factors which have been instrumental in shaping policies in these areas with particular emphasis on government subsidy vs. commercial patronage.

Lectures: 1 hour per week; tutorials: 1.5 hour per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed COM337 Cultural and Media Policy may not enrol in this unit for credit.

Cultural Diversity in Learning and Working (EDU646)

Credit Points: 4

DUBAI-ISC: TJD-internal

This unit examines challenges and potential of cultural diversity in teaching and learning from school to university, including international, transnational education, study of languages, vocational and professional workplace learning. A multi-disciplinary approach is adopted, with concepts drawn from social, cross-cultural and cultural psychology; sociology; cultural studies; intercultural relations and communication; and intercultural learning. Participants will gain a solid, research-based understanding of key issues and will be well prepared to promote productive cultural diversity and positive intercultural transformation.

Seminars/workshops: 8 x 3 hours each spaced through the semester, delivered after 4.30pm. Students will complete research assignments independently, in consultation with teaching staff.

Prerequisites: Nil.

Cultural Tourism Interpretation (TOU210)

Credit Points: 4

Not available this year

This unit explores tourism which is constructed around heritage, history and tradition, religion, the arts (music, dance, festivals, sculpture, painting, handicrafts, gastronomy), special events, and museum activities as well as cross cultural situations. It examines the impacts of tourism on cultural and social forms in the context of sustainable tourism. The concepts of authenticity and 'different histories, in terms of interpretation and representation are also explored.

Lectures/tutorials: up to 3 hours per week plus occasional field trips.

Prerequisites: Nil. Recommended: TOU201 Sustainable Tourism.

Cultural Tourism Interpretation (TOU230)*As for TOU210 except:*

Credit Points: 3

Not available this year

Culture and Religion in Asia (AST252)

Credit Points: 4

Not available this year

This unit is an introduction to the major religions of Asia including Hinduism, Islam, Buddhism and Christianity, from a sociological and cultural perspective. It concentrates on the dynamic relationship between cultures and religions in contemporary Asia. It also examines the relevance of religion to everyday life of the countries in the region including issues such as politics and terrorism.

Lectures: 2 hours per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Culture and Religion in Asia (AST352)*As for AST252 except:*

Credit Points: 3

Not available this year

Culture, Communities and Sustainability in Asia (AST650)

Credit Points: 3

MURDOCH: S1-internal, S1-external

Asia is a region of extraordinary diversity and rapid change. This unit combines approaches from anthropology, sociology and ecology to explore the relationship between culture and sustainability for communities in the Asian region. The effects of globalisation, development and conservation policies on communities will be considered, with special attention to indigenous minorities and rural societies. The impacts of changing cultural values and social relations through the green revolution, population pressure, urbanisation, industrialisation, deforestation, overfishing and tourism will be addressed.

Workshops: 1 x 3 hours per week

Prerequisites: Enrolment in postgraduate level (AQF8 or AQF9) studies or permission of the Unit Coordinator.

Curriculum Development for Practitioners (EDN588)*As for EDU688 except:*

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Curriculum Development for Practitioners (EDU688)

Credit Points: 4

DUBAI-ISC: TJD-internal

This unit deals with curriculum development from the point of view of the person developing, modifying or improving a teaching-learning program. It is of value not just to professional classroom teachers, but to anyone involved in the practicalities of education and training in an educational institution, a corporation or public service organisation. The unit content covers the basic processes of program development (i.e. design, production, implementation and evaluation) at the local level and also examines wider curriculum issues.

Workshops: 2.5 hours per week.

Prerequisites: For the 600-level version, enrolment in a postgraduate qualification or permission of the Unit Coordinator. Those enrolled in other courses should contact the Unit Coordinator.

Exclusions: Students who have successfully completed E402 Curriculum Development or EDU488/688 Curriculum Development may not enrol in this unit for credit.

Curriculum Leadership (EDU620)

Credit Points: 3

MURDOCH: S2-external

This unit will support participants in strengthening the knowledge and skills required for them to become curriculum leaders. It will engage with issues related to multiple knowledges and practices, leadership, planning and assessment, professional development, difference, inclusivity, quality, and theory in curriculum broadly defined. Participants will consider curriculum boundaries and spaces in between.

3 hours per week.

Prerequisites: Enrolment in a Postgraduate course.

Cyber Forensics (ICT248)

Credit Points: 4

MURDOCH: S1-internal, S1-external

KAPLAN-SGP: TJA-internal, TMA-internal

SGP1: TMB-internal

Principles of cyber forensics: identification and recovery of digital evidence from computers. This evidence is used in examinations by law enforcement and other investigative bodies, legal and accounting professions, and information managers. Focus: vulnerabilities of information management systems; identification, recovery, analysis and presentation of digital evidence; and trends in cyber forensics. Introduction to the processes of basic evidence identification, recovery and analysis through forensic examination project. Students analyse a cyber crime and report on the evidence.

Lectures/workshops: 3 hours per week.

Prerequisites: Nil.

Exclusions: Students who completed ICT228 Special Topics in Information Technology: Cyber-Forensics may not enrol in this unit for credit.

Data Resources Management (ICT616)

Credit Points: 3

MURDOCH: S2-internal

This unit looks at the information available in corporate databases as a significant strategic resource. It focuses on those issues involved in managing and strategically exploiting data, including discovery of trends and patterns and new knowledge creation. Topics include: the nature of the data resource and the intelligent enterprise; data distribution and architectures; data administration; planning, design, and exploitation of the data resource; knowledge management, and issues of data ownership and security.

Lectures/workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate IT course.

Data Structures and Abstractions (ICT209)

Credit Points: 4

MURDOCH: S1-internal, S1-external
DUBAI-ISC: TJD-internal, TMD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

This unit introduces Abstract Data Structures (ADS) and the algorithms that operate upon them. ADS such as arrays, lists, two-dimensional structures, trees and graphs are studied along with various representations. ADS that utilise these structures are also covered. Complexity analysis is used throughout the unit. The programming language currently used in this unit is C++.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised); plus optional clinics.

Prerequisites: ICT104 Principles of Computer Science.

Data Structures and Abstractions (ICT283)*As for ICT209 except:*

Credit Points: 3

Not available this year

Databases (ICT218)

Credit Points: 4

MURDOCH: S2-internal, S2-external
DUBAI-ISC: TMD-internal, TSD-internal
KAPLAN-SGP: TMA-internal, TSA-internal
SGP1: TSB-internal

This unit provides an introduction to database design, implementation and management. Topics: data modelling, the relational model, SQL, logical and physical database design, database application design, transaction management, concurrency, recovery, security, database architectures and database administration. The theory material is complemented by practical work using common database management systems.

Lectures: 2 hours per week; tutorials: 1 hour per week; plus optional clinics.

Prerequisites: ICT102 Introduction to Computer Science or ICT108 Introduction to Multimedia and the Internet or ICT107 Principles of Information Systems and Data Management.

Databases (ICT285)*As for ICT218 except:*

Credit Points: 3

Not available this year

Death and the Afterlife in Ancient Egypt and Mesopotamia (REL203)

Credit Points: 3

Not available this year

Beliefs about death and the afterlife function in human societies as mechanisms for defining cultural understandings of the meaning of human existence. In ancient Egypt and Mesopotamia, fundamentally different beliefs about these matters resulted in dramatically different rituals (elaborate tombs and mummification versus simple burials in the ground) and indicate very different attitudes toward the significance and meaning of human life. This unit will examine the beliefs and practices surrounding death from these ancient cultures.

Lectures: 1 hour; tutorials: 1 hour.

Decision Making in Clinical Imaging (CHI586)

Credit Points: 2

MURDOCH: T1-internal

This unit provides an opportunity for students to practically apply their current training in clinical imaging -- modality selection, interpretation, report writing and application of outcomes to the clinical situation -- through the use of clinical decision making models. By utilising case-based scenarios the student will be introduced to a wide spectrum of available diagnostic imaging modalities and will be encouraged to expand his or her understanding of applications for clinical imaging in preparation for clinical practice.

Lectures: 2 hours per week; laboratories/rounds: 2 hours per week.

Prerequisites: Enrolment in BSc/BChiropractic and the successful completion of Years 1 to 4 OR by special application to the Unit Coordinator.

Decision Neuroscience Neuromarketing (MBS690)

Credit Points: 3

MURDOCH: S1-internal (quota of 14 places), S2-internal (quota of 14 places)

Covers general aspects of cognitive neuroscience focusing on how brain processes can explain decision making choices. Explores systematically how emotions influence consumer decisions; how somatosensory brain systems affect our preferences and economic choices; how imagination influences our product and service perceptions. How memory processes encode information, and how logical sequential information can influence certain purchasing decisions. Branding and self image is investigated to understand how the brain organises self identity and congruence with material and social achievements.

3 hours/week lecture and tutorial workshops

This unit is subject to quota. Quota is due to limited laboratory space. No admission requirements; students will be accepted until the quota is full.

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Democracy and Political Change (POL257)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Historically, capitalism and democracy went hand in hand in Europe and North America. Expectations of a similar occurrence in Asia have risen due to socio-economic transformations, but what has transpired? Now in the Middle East there are pressures for regime change under rather different economic circumstances. What then are the connections between economic development and democracy? Do markets require democracy, or are capitalists more disposed to authoritarianism? What are the social forces pushing for more political freedoms?

Up to 3 hours per week.

Prerequisites: Nil.

Students who have successfully completed POL257 Authoritarianism and Democracy may not enrol in this unit for credit.

Derivative Securities (BUS325)

Credit Points: 4

MURDOCH: S2-internal, S2-external

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TMA-internal

SGP1: TMB-internal

This unit is designed to provide students with: a detailed understanding of the features and uses of the major derivative instruments; an understanding of how the major derivative instruments are valued and an introduction to the features of exotic derivative instruments. Alternatives to the Black-Scholes models, credit risk derivatives and advanced models in interest rate derivatives will also be examined. Work will be highly theoretical and mathematical, and a high standard is expected.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS244 Treasury Management.

Derivative Securities (BUS333)*As for BUS325 except:*

Credit Points: 3

Not available this year

Dermatology (VET628)

Credit Points: 3

MURDOCH: S2-external (quota of 30 places)

This unit aims to assist clinicians develop diagnostic skills in veterinary dermatology using a practical, problem-oriented approach and provides updates on therapeutic developments for common skin problems. The unit presents different perspectives on the diagnosis of conditions such as chronic pruritus, refractory eosinophilic granuloma and recurrent bacterial pyoderma, and offers a review of management options of common skin conditions such as atopic dermatitis, dermatophytosis, and eosinophilic granuloma complex. Case-based learning using images, cytology and histopathology supplements comprehensive notes.

External.

Prerequisites: Enrolment in Master of Veterinary Studies (M1022) or enrolment in Postgraduate Certificate in Veterinary Studies in Small Animal Practice (C1074).

This unit is subject to quota. Quota is due to limited resources. Selection is by application only.

Design (EGL215)

Credit Points: 4

MURDOCH: S2-internal

This unit investigates design from outside its decorative role. While maintaining a sense of art history and practice, this unit looks at the function of design in the fields of graphic design and theatre stage design. It also explores design's impact in such areas as fashion, architecture and art (including digital art) and allows the participants to demonstrate their understanding of the theoretical perspectives raised by the unit, through a series of practical tasks.

Workshops: 3 hours per week.

Prerequisites: Nil.

Design (EGL241)*As for EGL215 except:*

Credit Points: 3

Not available this year

Design Concepts in Engineering (BEN150)

Credit Points: 3

MURDOCH: S1-internal

Topics covered in this unit will include engineering design, sustainability, climate change, ethics, social justice and engineers' engagement with the community. The material will be delivered using historical episodes to illustrate concepts such as response to needs, learning from the mistakes of others, unintended consequences, and the relative merits of soft and hard path technologies. Case studies will be used to illustrate current practices by organisations that address the need to engage local communities in large scale engineering projects.

Lectures: 2 hours per week; workshops: 2 hours per week.

Exclusions: Students who have successfully completed ENG141 Design Concepts in Science and Engineering cannot enrol in this unit for credit.

Design Concepts in Science and Engineering (ENG141)

Credit Points: 3

Not available this year

This unit describes a formal process for completing an engineering design task. This process stresses the importance of including global issues as design objectives. These issues include ethics, sustainability and social responsibility. The unit includes techniques for developing skills in critical and creative thinking, problem solving, project management and documentation. The core assessment activity for this unit is a significant team project that emphasises social awareness and the importance of sustainable solutions.

Lectures: 2 hours per week; workshops: 2 hours per week; laboratories: 2 hours per week.

Prerequisites: Nil.

Design Methodologies in Instrumentation and Control (ENG508)

Credit Points: 3

MURDOCH: S1-internal, S2-internal

This unit explores various instrumentation and control methodologies in the context of a number of industrial problems. It will discuss strategies to design complex interacting systems. It also has a research component that prepares students for the

Engineering Masters Project.

Meetings/laboratories: by arrangement with the Engineering Academic Chair.

Prerequisites: Enrolment in the ME or permission of the Engineering Academic Chair.

Design Project (ENG550)

Credit Points: 3

MURDOCH: S1-internal, S2-internal

The project involves the complete design and implementation of a substantial project, typically industry based. It is designed to make use of all of the skills and understanding of the student both from previous studies and those developed within the Master of Engineering.

By arrangement with Supervisor.

Prerequisites: Enrolment in ME.

Designing Early Childhood Learning Environments (EDN538)

Credit Points: 3

MURDOCH: S2-external

Destination Management (TOU303)

Credit Points: 4

MURDOCH: S2-internal

KAPLAN-SGP: TMA-internal

SGP1: TMB-internal

This unit examines the management of the tourism system with a focus on 'destinations'. It can include, for example, trends and globalisation, business development (addressing design, planning marketing, litigation issues), destination management (including strategic planning) and sectorial management trends and issues (including tour operations, the travel sector, accommodation sector and attractions). Project management may be used to guide study of this unit in the context of group projects.

Lectures/workshops: up to 3 hours per week.

Prerequisites: TOU101 Introduction to Tourism Systems or TOU102 Introduction to Travel and Tourism; TOU201 Sustainable Tourism and completion of at least 24 points of Part II level units. Highly recommended: BUS145 Principles of Management.

Destination Management (TOU323)

As for TOU303 except:

Credit Points: 3

Not available this year

Developing Community Leadership (COD236)

Credit Points: 4

Not available this year

This unit aims to provide students with theoretical and practical knowledge to develop and enhance their leadership skills. By the completion of this unit students will have explored various issues in leadership, management and communication; had the opportunity to learn leadership skills and gain practical experience in applying these skills; and within a peer environment, had the opportunity of reflecting upon experience in a leadership role.

This is a summer unit which begins in December and includes an intensive 8 day contact period during which students will need to attend and participate in group activities. Specific dates will be

provided closer to the commencement of the unit.

Prerequisites: Nil.

Developing Research Capacities for Educators (EDU602)

Credit Points: 6

MURDOCH: S2-internal, S2-external

This unit develops specific competencies that enables students to effectively design and implement a research project, and analyse and interpret data. Skills will be developed through intensive workshops. Methods, methodologies and theoretical sensitivity will be conjointly developed as preparation towards a research proposal. Students will complete a core design and analysis stream and in consultation with their supervisors, choose modules that scaffolds the further development of effective research capacities thereby strengthening them as effective producers of knowledge.

Prerequisites: Enrolment in the Doctor of Education, Master of Philosophy, the Master of Education (Research), Master of Education (Coursework), Masters by Research with Training, or permission of the Academic Chair.

Development and Change (SWM631)

Credit Points: 3

MURDOCH: S2-internal

This unit explores different approaches to 'how change happens' and power analysis, and how these can be applied in practice. It examines the interplay of actors and structures in development with the objective of identifying elements of successful practice and social change. Students will consider a range of issues related to instituting change in practice, including: the conditions for successful advocacy; networking and mobilisation; the politics of partnership, leadership and the role of active citizens; and the negotiation of power.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Development and Education (EDN527)

Credit Points: 3

MURDOCH: S1-external

This unit examines education's role in fostering economic, social, and political development. We will analyse particular development outcomes, mechanisms and actors such as the World Bank and UNESCO. We will also examine the limitations and contradictions of education for development. This unit is relevant for postgraduate or upper-level undergraduate students interested in education policy, globalisation or international development. EDU627 is also an elective in the Postgraduate Certificate in International Education in Schools.

External: No attendance required. On-campus meetings will usually be available.

Prerequisites: Enrolment in a Graduate qualification or permission of the Unit Coordinator.

Exclusions: Students who have successfully completed E430 Development and Conflict: Educational and Social Issues may not enrol in this unit for credit.

Development and Sustainability (SWM628)

Credit Points: 3

MURDOCH: S2-internal

This unit explores various innovative approaches to more equitable ways of distributing resources for poverty reduction and sustainable development. Case studies will be drawn from Africa, Latin America and Asia Pacific regions to critically reflect on emerging practice in the design and implementation of strategies. These will provide important insights into different sustainable development measures, their scope with regard to various sectors and national priorities, and institutional barriers, risks and implementation costs as well as environmental, social and economic benefits.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Diagnosis (VET588)

Credit Points: 3

MURDOCH: S1-external (quota of 30 places), S2-external (quota of 30 places)

This unit is concerned with the theory and practice of the diagnosis of diseases in small (companion) animals.

External: No attendance required.

Prerequisites: Enrolment in the Postgraduate Certificate in Small Animal Practice (International) (C1101) or enrolment in the Postgraduate Certificate in Veterinary Studies in Small Animal Practice (C1074) or enrolment in the Graduate Certificate in Veterinary Studies in Small Animal Practice (C1113).

This unit is subject to quota. Quota is due to limited resources. Students must be enrolled in the College of Veterinary Medicine's postgraduate or graduate courses.

Diagnosis and Chiropractic Skills (CHI302)

Credit Points: 4

MURDOCH: S1-internal

Focuses on the diagnosis of neuromusculoskeletal conditions associated with, but not limited to the spine and pelvis. Students will develop their motion palpation skills, soft tissue management techniques, manipulation and mobilisation skills of the spine and pelvis. Clinical problem solving and critically thinking regarding the use of manual therapies will be developed. Aspects of physical diagnosis, scientific method of critical appraisal, evidence-based practice, problem solving, and effective patient communication will be addressed.

Lectures/workshops: 4 hours per week; practicals: 4 hours per week.

Prerequisites: Enrolment in BSc/BChiro and successful completion of CHI282 Human Anatomy II, CHI209 Biomechanics and Diagnostic Palpation Skills, and CHI283 Physical Examination.

Diagnostic Imaging (VET520)

Credit Points: 3

MURDOCH: S1-external (quota of 30 places)

The primary objective of this unit is for students to learn about the indications and limitations of advanced diagnostic imaging, incorporating cross-sectional imaging techniques such as computed tomography and magnetic resonance imaging.

Prerequisites: Enrolment in the Master of Veterinary Studies (M1022) or enrolment in the Postgraduate Certificate in Veterinary

Studies in Small Animal Practice (C1074).

Enrolment in the Master of Veterinary Studies (M1022) or enrolment in the Postgraduate Certificate in Veterinary Studies in Small Animal Practice (C1074) or enrolment in the Graduate Certificate of Veterinary Studies in Small Animal Practice (C1113).

This unit is subject to quota. Quota is due to limited resources. Students must be enrolled in the College of Veterinary Medicine's postgraduate or graduate courses.

Different Englishes and Interpretations of Language, Culture and Identity (EDU604)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit explores issues associated with the teaching and learning of linguistic code contextualised within notions and practices of interculturality, of culture and identity, and of language and literacy. The first part of the unit focuses on language and culture (with particular attention to English as a global language), whilst the second part looks more closely at language and literacy, and at moving learners beyond conversational fluency in an additional language.

Online, no attendance required.

Prerequisites: Enrolment in a postgraduate qualification or permission of the Unit Coordinator.

Digital Business (BUS305)

Credit Points: 4

MURDOCH: S1-internal, S1-external
SGP1: TMB-internal

This unit takes a hands-on approach to the growing body of Internet tools. An overview of today's digital environment for business and society, and the ongoing role of web sites and email marketing, set the stage for investigating, experiencing and questioning new business tools. Search Engine Marketing and Search Engine Optimisation drive web site traffic, but these tools cost time and money. Similarly, mobile phones and social media such as Facebook, Twitter and YouTube merit investigation as business tools.

Lectures/workshops: 3 hours per week.

Prerequisites: BUS169 Principles of Marketing.

Digital Business (MBS667)

Credit Points: 3

MURDOCH: S2-internal, S2-external

Digital Business gives students hands-on and theoretical knowledge of an emerging suite of digital tools including email, websites, videos and social media such as Facebook. Discoverers will be able to critique, as well as integrate, these tools for a business. You have the opportunity to experience how businesses of all sizes and types (ie. corporate, government and non-profit) adopt, implement, maintain and measure the success of digital business tools.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate-level course.

Digital Imaging (PHO101)

Credit Points: 3

MURDOCH: S2-internal (quota of 32 places)

In this studio workshop the student is introduced to the basic concepts of digital imaging processes. The emphasis is on the integration of digital technologies into photographic practices. The subject opens up for consideration practices for extending image production and visualisation. The student is introduced to the practice and methods of production of photographers who utilise a variety of digital technologies in their work. This course provides students with a foundation understanding of digital photo processes and techniques.

Lectures: 1 hour; workshops: 2 hours.

Prerequisites: Nil.

This unit is subject to quota. Quota is due to limited laboratory space. Enrolment in the Photography major.

Digital Painting (GAD374)

Credit Points: 3

Not available this year

This unit teaches the techniques and theory of digital painting, focusing on practical application of software tools, and demonstrable skills in digital art production. The unit draws on existing knowledge of artistic core concepts and theory, and extends design knowledge as it applies to painting with a digital canvas.

1 hour online lectures, 3 hour labs

Prerequisites: Successful completion of MCC172 Drawing

Digital Video (MCC340)

Credit Points: 4

MURDOCH: S2-internal (quota of 60 places)

This unit embraces the shift to online video distribution and focuses on theory and practice in this area. Activities and areas of study include mash-ups and remixing, viral video and online marketing with video, software and interface theory, medium theory, remediation, copyright and digital rights management issues, image quality and compression, spatial montage, and more. Students completing this unit will arm themselves with skills and knowledge to create and distribute in the vocation of online screen production.

Lectures: 1 hour per week; workshops/laboratories: 2 hours per week.

Prerequisites: MCC128 Screen and Sound Production I (TV Studio) (or MED107 Screen and Sound Production I (TV Studio) or MED107 Screen Production I (TV Studio)).

Exclusions: Students who have successfully completed MED240 Digital Studio or MCC340 Digital Studio may not enrol in this unit for credit.

This unit is subject to quota. Quota is due to space and equipment constraints and the supervision demands of a production environment. Selection is based on: best mark in the prerequisite unit; best overall academic performance; Unit Coordinator's discretion when other factors need to be considered.

Directed Studies in Business (MBS611)

Credit Points: 3

MURDOCH: S1-internal, S2-internal

A supervised project, resulting in a scholarly report of approximately 6000 words. This will provide evidence that the participant can generate a problem and/or research area. The project will be either a critical review that demonstrates mastery of a problem area, or research proposal into an identified research problem. Approval by the supervisor, on the basis of a written proposal, must be obtained before the project commences.

Individual initial consultation to be arranged, with regular on-campus meetings recommended.

Prerequisites: Enrolment in Master of Business (Research).

Disaster Relief and Preparedness (SUS205)

Credit Points: 4

Not available this year

When does an event become a disaster? This unit introduces types of disasters and their impacts, Disaster Risk Reduction (DRR), Emergency Management, and Recovery. A key part of the course is a practical 3-day workshop which is also open to practitioners in the region. The course also looks briefly at psycho-social, project management, and security management issues relating to disasters. Case studies form a key part of this unit.

Seminars and workshops are delivered in intensive teaching mode, which may include evenings and weekends. Contact the School for further details.

Prerequisites: Nil.

Exclusions: Students who have successfully completed STP333 Disaster Relief and Preparedness may not enrol in this unit for credit.

Disasters and Risk Management (SUS633)

Credit Points: 3

MURDOCH: S2-internal

Humanitarian relief is an important component of aid and development work. With many factors converging to increase the risk of humanitarian disasters, this unit examines the varied nature of international disaster responses, the current imperatives of disaster risk reduction and the challenge of integrating humanitarian responses with sustainable development. The unit includes a participatory workshop, taught by a development professional, that features high-level skills for humanitarian workers and assists them to identify and prepare funding proposals for recovery projects.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a Postgraduate course.

Discrete Time Systems (ENG294)

Credit Points: 3

Not available this year

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Dispute Management (MBL618)

Credit Points: 3

MURDOCH: S1-internal, S1-external

Negotiation, mediation, conciliation and arbitration are all tools used to resolve business disputes. Styles, strategies, skills and processes will be investigated along with the practice and the law relating to these common forms of dispute management.

Seminars: 3 hours per week

Prerequisites: Students must be enrolled in a postgraduate course.

Exclusions: Students who have completed MBS618 Dispute Management may not enrol in this unit for credit.

Dispute Management (MBS618)

Credit Points: 4

KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TMS-internal

Negotiation, mediation, conciliation and arbitration are all tools used to resolve business disputes. Styles, strategies, skills and processes will be investigated along with the practice and the law relating to these common forms of dispute management.

Dispute Resolution (LAW321)

Credit Points: 4

MURDOCH: SP23-internal

This unit will explore the variety of methods that may be adopted to resolve conflicts other than by way of binding third party intervention, including bargaining, conciliation, mediation, arbitration, and hybrid forms of court processes. Other focuses of discussion will be commercial arbitration and informal community-based resolution of disputes. It will also introduce students to the skills required for participation in these processes through role playing, feedback and reflection.

Summer offering is taught in intensive mode: please refer to the Summer Term teaching timetable for detail.

Semester 1: Lectures/workshops: 3 hours per week.

Prerequisites: Enrolment in the Graduate Certificate in Dispute Resolution OR L152/LAW152 Torts, L130/LAW130 Criminal Law and Procedures, and L260/LAW260 Contract.

Exclusions: Students who have successfully completed L321 Dispute Resolution or L367 Alternate Dispute Resolution may not enrol in this unit for credit. LLB or Juris Doctor (pre-2014) students may not enrol in the lower-level version for credit.

Students taking the unit at the advanced level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills.

Dispute Resolution (LEG321)*As for LAW321 except:*

Credit Points: 4

MURDOCH: SP23-internal

Lectures and workshops: 3 hours per week.

Prerequisites: LEG100 Law, Justice and Social Policy or LEG150/BUS150 Australian Legal System or permission of the Unit Coordinator and Academic Chair.

Exclusions: Students who have successfully completed L321 Dispute Resolution or L367 Alternate Dispute Resolution may not enrol in this unit for credit. LLB or Juris Doctor students may not enrol in the lower-level version for credit.

Students taking the unit at the advanced level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills.

Dispute Resolution (LEG391)*As for LAW321 except:*

Credit Points: 3

Not available this year

Prerequisites: LEG100 Law, Justice and Social Policy or LEG150/BUS150 Australian Legal System or permission of the Unit Coordinator and Academic Chair.

Exclusions: Students who have successfully completed LEG221/L321 Dispute Resolution or L367 Alternate Dispute Resolution may not enrol in this unit for credit. LLB or Juris Doctor students may not enrol in the lower-level version for credit.

Dispute Resolution (LLB391)*As for LAW321 except:*

Credit Points: 3

Not available this year

Dispute Resolution in the Construction Industry (LLM521)

Credit Points: 4

Not available this year

This unit will examine all of the current dispute resolution methods currently used in the resolution of building and construction disputes. The procedures to be considered include facilitated negotiation mediation, expert appraisal and determination, commercial arbitration, dispute resolution boards, and statutory tribunals. Issues relating to the development and avoidance of conflict will also be discussed.

Lectures and interactive workshop participation are delivered over 36 hours in intensive mode over 5 days of teaching. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in Graduate Certificate in Construction Law

Dissertation (Research Project) (CHI675)

Credit Points: 12

Not available this year

This unit will allow students to gain specific research knowledge requiring a high level of research skill and quality including a literature search, design of a research study, implementation of the study, analysis of the data results and writing the manuscript in preparation for publication.

External: No attendance required.

Prerequisites: Completion of Chiropractic Degree or equivalent. Enrolment into the Masters program including completion of 24 points of postgraduate work such as the Postgraduate Certificate/Diploma in Neuromusculoskeletal Rehabilitation or the Postgraduate Diploma in Sports Chiropractic, or their equivalents. Completion on CHI677 Research Methods and Epidemiology is required before enrolling in CHI675 Dissertation Research Project, or by special application to the unit coordinator.

Students cannot self-enrol in this unit.

Dissertation in Breastfeeding and Human Lactation (MID630)

Credit Points: 12

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Research and evidence based practice are essential components of professional lactation consultancy. In this unit students are required to design, conduct and report in journal article format and by seminar presentation a substantial research project addressing an issue in breastfeeding and human lactation theory or practice.

Fortnightly contact with supervisor.

Prerequisites: NUR632 Applied Health Research Methods: From Research to Practice or equivalent research methodologies unit; MID631 Clinical Management of Breastfeeding and Human Lactation; MID632 Critical Perspectives on Breastfeeding and Lactation Consultant Practice; MID635 Breastfeeding and Human Lactation Project.

Doctor of Business Administration Thesis (MBS700)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Students should enrol in this unit for the thesis component of their DBA. Students will be required to identify their research problem, conduct a literature review, develop a conceptual framework and research methodology for their thesis. Students will then be required to undertake the proposed research project and present their findings in a thesis. Students should re-enrol in this unit until they finalise their research and submit the completed thesis (48 points).

Prerequisites: Enrolment in Doctor of Business Administration.

Students cannot self-enrol in this unit.

Doctor of Human Resource Management Thesis (MBS784)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Students should enrol in this unit for the thesis component of their DHRM. Students will be required to identify their research problem, conduct a literature review and develop a conceptual framework and proposed methodology for their thesis. Students will then be required to undertake the proposed research project and present their findings in a thesis. Students should re-enrol in this unit until they finalise their research and submit the completed thesis (48 points).

Workload: as determined by the Academic Chair.

Prerequisites: Enrolment in Doctor of Human Resource Management.

Students cannot self-enrol in this unit.

Doctor of Information Technology Thesis (ICT702)

Credit Points: 12

MURDOCH: R1-internal, R1-external, R2-internal, R2-external, RAU-internal, RAU-external, RSP-internal, RSP-external, S1-internal, S1-external, S2-internal, S2-external

Students should enrol in this unit for the thesis component of their DIT. Students will identify their research problem, conduct a literature review and plan the research. The proposed project will then be undertaken and findings presented in a thesis. The thesis will be examined in accordance with the requirements for professional doctorates. Full-time students should enrol for 12 points each semester and part-time students for 6 points each

semester until submission of the thesis.

Meetings with Supervisor: up to 1 hour per week.

Prerequisites: Enrolment in the Doctor of Information Technology and ICT650 Information Technology Research Methods.

Doctor of Psychology (Clinical): Practicum I (PSY703)

Credit Points: 6

MURDOCH: S1-placement, S2-placement, SUM-placement, Y-placement

Students must complete practical placements in appropriate agencies and organisations. They will be advised to select placements that meet APAC and Registration Board requirements. Students will also attend seminars on professional, practical and methodological issues.

Practical placements: 90 days total; seminars/workshops: as scheduled throughout the year.

Prerequisites: Enrolment in the Doctor of Psychology in Clinical Psychology; completion with an average of distinction in the Master of Applied Psychology in Clinical Psychology Year 1 required units or equivalent; Provisional Registration as a Psychologist with Psychology Board of Australia.

A result of Ungraded Pass or Fail is awarded for this unit.

Students are able to enrol in either the 2 or 3 point version of this unit to allow for the possibility that the practica may straddle 3 teaching periods.

Doctor of Psychology (Clinical): Practicum II (PSY704)

Credit Points: 6

MURDOCH: S1-placement, S2-placement, SUM-placement, Y-placement

Students must complete practical placements in appropriate agencies and organisations. They will be advised to select placements that meet APAC and Registration Board requirements. Students will also attend seminars on professional, practical and methodological issues.

Practical placements: 66 days total; seminars/workshops: as scheduled throughout the year.

Prerequisites: PSY703 Doctor of Psychology (Clinical): Practicum I; enrolment in the Clinical Stream of the Doctor of Psychology; Provisional Registration as a Psychologist with Psychology Board of Australia.

A result of Ungraded Pass or Fail is awarded for this unit.

Doctor of Psychology (Organisational): Practicum I (PSY701)

Credit Points: 6

MURDOCH: S1-internal, S2-internal, Y-internal

Students must complete practical placements in agencies and organisations appropriate to the organisational psychology specialisation. Students will be advised to select placements that will meet APAC and Registration Board requirements. Students will also attend seminars on professional, practical and methodological issues.

Practical placements: 93 days total; seminars: fortnightly.

Prerequisites: Enrolment in DPsych (Organisational Stream only).

A result of Ungraded Pass or Fail is awarded for this unit.

Doctor of Psychology (Organisational): Practicum II (PSY702)

Credit Points: 6

MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal

Students must complete practical placements in agencies and organisations appropriate to the organisational psychology specialisation. Students will be advised to select placements that will meet APAC and Registration Board requirements. Students will also attend seminars on professional, practical and methodological issues.

Practical placements: 93 days total; seminars: fortnightly.

Prerequisites: PSY701 Doctor of Psychology (Organisational): Practicum I; Provisional Registration as a Psychologist with Psychology Board of Australia.

A result of Ungraded Pass or Fail is awarded for this unit.

Doctor of Psychology Thesis (PSY700)

Credit Points: 48

MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal

An innovative and systematic investigation of an applied psychological problem, conducted usually in an applied setting, is required. A thesis supervisor will be appointed for each candidate from the University lecturing staff in Psychology. The thesis must be presented for examination in accordance with University requirements for Master of Philosophy and Doctor of Philosophy theses.

It is a course requirement for students enrolled in the Organisational stream to attend a series of seminars on research methodology.

Prerequisites: Enrolment in DPsych; completion with distinction of MAppPsych Year 1 required units or equivalent.

A result of Ungraded Pass or Fail is awarded for this unit.

Students cannot self-enrol in this unit.

Doctor of Veterinary Medical Science Thesis (VET770)

Credit Points: 48

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

An applied, systematic examination of a problem, disease, condition of veterinary relevance. A principal supervisor is appointed from University academic staff; up to two additional supervisors may be appointed. The thesis is examined in accordance with the requirements for professional doctorates. Full-time students should enrol for 12 points for four semester until submission of the thesis. Part-time students will enrol for 6 points each semester until 48 points are accumulated.

2 hours per week.

Prerequisites: Enrolment in Doctor of Veterinary Medical Science.

Documentary (MCC333)

Credit Points: 4

MURDOCH: S1-internal

DUBAI-ISC: TJD-internal, TSD-internal

KAPLAN-SGP: TJA-internal, TSA-internal

KDUPJ: S1U-internal

SGP1: TJB-internal, TSB-internal

This unit introduces students to the main issues and debates in the study of documentary film from the perspective of history, genre, theory and ethics, as well as its social and cultural functions. The

unit shows how documentary techniques influence the way we organise knowledge about the world, and the way we represent ourselves and others. The unit will also have a production component where students will have the option to make a 10-minute documentary from 'found' material.

Lectures: 1 hour per week; screenings: 2 hours per week; tutorials: 1.5 hours per week.

Note: Lectures and tutorials for this unit commence in Week 1 of the semester.

Prerequisites: MCC116 Introduction to the Screen (or MED116 Introduction to Screen and Sound Studies or MED116 Introduction to Screen Studies).

Exclusions: Students who have successfully completed MED333 Documentary may not enrol in this unit for credit.

Documentary (SCR300)*As for MCC333 except:*

Credit Points: 3

Not available this year

Documentary Production (SCR304)

Credit Points: 3

Not available this year

This is a practical unit in which students will be introduced to the conceptualisation, research, development, and production process of documentaries. Students will devise and research their own documentary ideas, some of which will be put into group production to be finished by the end of semester. Areas taught will include crafting and shooting documentary interviews, narrative construction and rhetoric, guerrilla lighting techniques, location sound practices, factual entertainment, crowd-funding, and more.

Prerequisites: MCC128 Screen Production

Drama and the Curriculum (Secondary) (Major) (EDN412)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Explores ways teachers and students in school settings develop deeper understanding of drama. Explores drama as an art form: conventions, styles, forms, technologies, skills and processes together with its historical, social and cultural contexts. Focuses on understanding drama curriculum and drama teaching; teaching practice integrating theory with practical strategies and approaches for effective learning; and, contemporary contexts (including the WA Certificate of Education Courses and The Australian Curriculum: The Arts .

Lectures/workshops: 5 hours per week during Semester 1. Students may be required to attend additional on-campus workshops (or equivalent by negotiation) and are required to take part in supervised in-class assessments.

External students are required to attend on-campus intensive workshop/lectures and supervised in-class assessments as advised. All students need to access LMS during this unit to submit work electronically and to complete digital assignments as required. Due to the practical nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: Enrolment in a teacher education course [either BEd (Secondary) or BEd (Secondary) (Graduate) or GradDipEd (Primary) or GradDipEd (Secondary)]

Co-requisites (for all students): Internet access and digital technology.

Students should also be enrolled in EDN4100 School Experience: Secondary BEd for students enrolled in the BEd (Secondary)/BA (Theatre and Drama/English and Creative Arts) where taking this unit (EDN412) as a curriculum major

OR

Enrolment in EDN3101 School Experience: Secondary BEd for students enrolled in the BEd (Secondary) and taking EDN312 as a curriculum minor

OR

Enrolment in EDN2161 School Experience: Secondary GradDipEd for students enrolled in the GradDipEd (Secondary) as a curriculum major (EDN412) or minor (EDN312).

Curriculum teaching major in Drama requires a maximum of two units (6 points) at Part I-level and at least one unit (4 points), preferably more, at Part II-level from the Theatre and Drama/English Creative Arts major (drama specific) (or equivalent).

Drama and the Curriculum (Secondary) (Minor) (EDN312)

Credit Points: 2

MURDOCH: S1-internal, S1-external

Explores ways teachers and students in school settings develop deeper understanding of drama. Explores drama as an art form: conventions, styles, forms, technologies, skills and processes together with its historical, social and cultural contexts. Focuses on understanding drama curriculum and drama teaching; teaching practice integrating theory with practical strategies and approaches for effective learning; and, contemporary contexts (including the WA Certificate of Education Courses and The Australian Curriculum: The Arts.

Lectures/workshops: 5 hours per week during Semester 1; students may be required to attend additional on-campus workshops (or equivalent by negotiation) and are required to take part in supervised in-class assessments as advised.

Due to the practical nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: Enrolment in a teacher education course [either BEd (Secondary) or BEd (Secondary) (Graduate) or GradDipEd (Secondary)]; enrolment in relevant School Experience (EDN3101 or EDN2161).

Co-requisites (for all students): Internet access and digital technology.

Curriculum teaching minor in Drama requires a minimum of two units (6 points) at Part I-level and at least one unit (4 points) at Part II-level from the Theatre and Drama/English and Creative Arts major (drama specific or equivalent).

Drama, Theatre and Performance (EGL106)

Credit Points: 3

MURDOCH: S2-internal

This unit introduces students to a selection of dramatic texts from a range of different periods and cultures, and assists students in developing skills in the analysis and critique of these dramatic texts. Students will have an opportunity to participate in transforming a text into a performance through the stages of writing, designing and directing.

Lectures/workshops: up to 2.5 hours per week.

Prerequisites: Nil.

Drawing (GAD172)

Credit Points: 3

MURDOCH: S1-internal

ROCKINGHAM: S2-internal

This unit is an introduction to the principles of drawing. Through set projects, students will explore the rigorous formal, conceptual, analytical and expressive drawing techniques to develop and expand their drawing skills.

Media laboratories: 2 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MCC172 Drawing cannot enrol for credit in this unit.

Drawing Studio (GAD373)

As for MCC273 except:

Credit Points: 3

Not available this year

Drawing Studio (MCC273)

Credit Points: 4

MURDOCH: S2-internal

This unit builds on the technical and expressive skills gained from the first year Drawing unit. Students will rigorously develop drawing skills required for their competent application in a range of design and games-related industries.

Media laboratories: 3 hours per week (1 hour unsupervised).

Prerequisites: MCC172 Drawing.

Drugs In Society (BMS105)

Credit Points: 3

MURDOCH: S2-internal

Have you ever wondered how aspirin knows where the pain is? Or why some drugs are so addictive? This unit explores drugs, asking how they are discovered and regulated. It examines social drugs such as alcohol and nicotine, illicit drugs such as cannabis and cocaine, and medicines such as painkillers and anti-depressants. It will also consider social and ethical issues such as reproductive medicines, drugs in sport and the rise of complementary medicines, as well as future personalised therapies.

Lectures: 2 hours; tutorials: 1 hour.

Prerequisites: Nil.

Dynamics of Cultural Diversity in the Workplace and the Community (EDN546)

Credit Points: 3

MURDOCH: S1-internal

Managing and capitalising on the rich potential of cultural diversity requires a cross-cultural mindset, intercultural competence and positive leadership capabilities. The challenges and opportunities offered by cultural diversity are examined at multiple levels (individual, group, organisation, communities), diverse angles (cross-cultural management and leadership, intercultural communication, cultural intelligence, multicultural teams) and international perspectives (Australian, Asian, American, European). The assumptions, strengths and limitations of theories and research to guide professional practice are scrutinized. Unit builds upon participants' experience of cultural diversity.

Seminars and workshops are delivered in semester teaching mode



(8 blocks of 3 hours). All classes take place after 4.30pm. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Nil.

E-Politics: the Internet and the Future of Power (SWM641)

Credit Points: 3

MURDOCH: S1-internal

The Internet is disrupting traditional power structures. Citizens, corporations and governments are all being affected. This case-study based intensive course explores these changed power relations, and the consequences for policy makers and democracy. Topics include the changed nature of revolutions and mass mobilisation, the increased political power of citizens, the Internet's use to gain espionage and military advantage, and impacts on international commerce. The content draws on a forthcoming book on the way the internet is reshaping world politics.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Early Childhood Learning Environments (EDN238)

Credit Points: 4

Not available this year

This unit examines how indoor and outdoor experiences and environments can support early years' learning. Case studies focused on the professional skills and knowledge necessary for the provision of safe, nurturing and inclusive environments are reviewed. Administrative and legislative requirements of workplace practice are examined.

On-campus meetings usually available.

Prerequisites: Enrolment in the Bachelor of Education (Early Childhood and Primary Teaching) Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School of Education Professional Experience office prior to commencement of this unit.

Co-requisite: Internet access

Earth System Science (ENV314)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit develops the concepts of system modelling and its application to global change. In particular, the interactions between the Earth's physical spheres (the lithosphere, hydrosphere, biosphere and atmosphere) and society are considered and emphasis is given to highlighting the impact of future climatic change for application in impact models.

Lectures/workshops: 2 hours per week.

Prerequisites: ENV213/ENV513 Atmospheric Science or PEC332/PEC632 Greenhouse Science and Policy.

Exclusions: Students who have previously completed ENV330/ENV630 Special Topics in Environmental Science: Earth System Science may not enrol in this unit for credit.

Graduate, Postgraduate Honours students and Undergraduate students intending to enrol in the four year Bachelor of

Environmental Science should enrol in the higher-level code for this unit except where the course structure states otherwise.

Earth System Science (ENV614)

As for ENV314 except:

Credit Points: 4

MURDOCH: S2-internal, S2-external

Prerequisites: Enrolment in appropriate postgraduate qualification or BEnvSc.

Exclusions: Students who have previously completed ENV330/ENV630 Special Topics in Environmental Science: Earth System Science may not enrol in this unit for credit.

Earth System Science (ENV684)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit develops the concepts of system modelling and its application to global change. In particular, the interactions between the Earth's physical spheres (the lithosphere, hydrosphere, biosphere and atmosphere) and society are considered and emphasis is given to highlighting the impact of future climatic change for application in impact models.

Lectures/workshops: 2 hours per week.

Prerequisites: Enrolment in appropriate postgraduate qualification.

Exclusions: Students who have previously completed ENV330/ENV630 Special Topics in Environmental Science: Earth System Science may not enrol in this unit for credit.

Earth, Fire, Wind and Water: Australian Environmental History (HIS256)

As for HIS283 except:

Credit Points: 3

Not available this year

Earth, Fire, Wind and Water: Australian Environmental History (HIS283)

Credit Points: 4

Not available this year

This unit examines aspects of the interaction between human history and the Australian environment. It considers questions such as the impact on the Australian continent of millennia of Aboriginal occupation; the transformation of the land wrought by Europeans; issues and conflicts arising from changing understandings of the Australian environment; and the nature of belonging. Finally, the unit addresses some of the major environmental and ethical issues that confront Australians facing the twenty-first century.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Ecology (ENV241)

As for ENV268 except:

Credit Points: 3

Not available this year

Ecology (ENV268)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Ecology concerns the interaction of biota and the environment. Study key ecological concepts and techniques, and their implementation in the field. Consider biogeographic aspects of the Australian biota as a foundation for examination of the four tiers of ecology: the individual, populations, communities and ecosystems. The unit is taught from an evolutionary perspective. A field component is an integral part of the unit and all students participate in the collection and interpretation of a substantial set of ecological field data.

Lectures: 3 hours per week; practical work: 1 x 3 hour practical session early in semester plus 1-week field trip in semester break. External students should note that this unit has a compulsory week-long on-campus component. Due to the nature of offering this unit, students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: BIO103 Environmental Biology.

Econometrics (BUS292)*As for BUS294 except:*

Credit Points: 3

Not available this year

Econometrics (BUS294)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Econometrics is concerned with the empirical testing of economic and finance theories. A working knowledge of the subject is essential for those students intending to work as professional economists, financial analysts and business professionals. This unit adopts a hands-on approach to the subject, combining the theory of econometrics with the use of the latest computer packages. The unit provides students with a good working knowledge of the subject and the ability to solve practical problems.

Lectures: 1 hour per week; computer laboratories: 2 hours per week.

Prerequisites: BUS161 Introduction to Economics; MAS164 Fundamentals of Mathematics or MAS180 Introduction to Statistics or MAS183 Statistical Methods.

Economics and Business Strategy (MBS666)

Credit Points: 4

KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

Increasing competition and rapid technological change mean that, more than ever before, managers must have a sound understanding of the economic fundamentals of business enterprises, the operation of markets and the role played by governments. In this unit particular emphasis is given to the strategic interdependence of many businesses and their efficiency.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate-level course.

Economics and Business Strategy (MBS686)*As for MBS666 except:*

Credit Points: 3

MURDOCH: S2-internal, S2-external

Economics and Sustainability (SUS202)

Credit Points: 4

MURDOCH: W-internal, W-external

World development is being driven by two big ideas: neoclassical economics and sustainability. Neoclassical economics is increasingly being challenged by fast-rising concepts related to sustainability. This intensive unit explores how these ideas developed, core concepts, their influence on business and society, the alternatives, and likely future trends.

The unit will suit students wanting an understanding of how sustainability relates to economics and an opportunity to explore the new big ideas that are emerging to shape global development.

Over the five weeks: Lectures: 3 hours per week; workshops/tutorials: 4 hours per week.

Due to the nature of the offering of this unit, students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: Nil.

Exclusions: Students who have successfully completed STP205 Economics and Sustainability may not enrol in this unit for credit.

Economics and Sustainability (SUS305)*As for SUS202 except:*

Credit Points: 3

Not available this year

Economics in Society (BUS162)

Credit Points: 3

MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal

This unit provides valuable analysis of decision-making by consumers and businesses, and further insight into government policy issues. Topics include: consumer demand and behavioural economics; market structures; labour markets; the distribution of income in society. A foundation is provided of the financial system, along with analysis of factors that determine economic growth in developing and developed countries, and current issues involving international trade and globalisation.

Lectures: 2 hours per week; workshops: 1 hour per week.

Prerequisites: Nil.

Economics of Climate Change (BUS250)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit provides a comprehensive analysis of the global warming debate, generally acknowledged as the most serious example of a 'negative externality'. The unit begins with an overview of the fundamental economic tools and concepts of environmental economics, including property rights, public goods, and cost-benefit analysis. The economics of stabilisation, as well as the economic policy responses for mitigation and adaptation, are also presented for analysis.

Lectures: 2 hours per week, tutorials: 1 hour per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed BUS200 Special Topics in Economics: The Economics of Global Climate Change may not enrol in this unit for credit.

Economics of Globalisation (MBS531)

Credit Points: 4

DUBAI-ISC: TMD-internal

This unit introduces students to the global forces that are currently determining the state of play in international economics and economic relations. Nationally determined economic management and its effectiveness will receive scrutiny in the light of globalising tendencies. Includes the historical development of globalisation, free trade vs. protectionism, economic integration, world financial markets, multinational corporations, labour and distributional issues, the environment, global economic institutions, and the rise of anti-globalisation movements.

Lectures/seminars/workshops: 3 hours per week.

Economics of Globalisation (MBS631)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit introduces students to the global forces that are currently determining the state of play in international economics and economic relations. Nationally determined economic management and its effectiveness will receive scrutiny in the light of globalising tendencies. Includes the historical development of globalisation, free trade vs. protectionism, economic integration, world financial markets, multinational corporations, labour and distributional issues, the environment, global economic institutions, and the rise of anti-globalisation movements.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a graduate-level course.

Exclusions: Students who have successfully completed MBS531 Economics of Globalisation may not enrol in this unit for credit.

Editing Practice (EGL201)

Credit Points: 4

Not available this year

Drawing on the expertise of established editors and samples of the best editing and publishing practice, this unit will provide students with skills required for editing a range of professional, technical and creative writing texts. Students will have the opportunity to take a publishing project through the successive stages of the editing process, to explore and carry out different levels of editing, and to become familiar with the specific requirements of different publishing projects.

Lectures: 1 hour per week; tutorials: up to 1.5 hours per week.

Prerequisites: Nil.

Education for Social Justice: Bridging the Gap (EDN224)

Credit Points: 4

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

This unit addresses issues of 'race' and racism, ethnicity and culture, gender and discrimination, social class and poverty, prejudice and stereotyping, power and powerlessness. Given that social justice seeks to provide equitable outcomes to marginalised groups by recognising past disadvantage and existence of structural barriers

embedded in the social, economic and political system that perpetuate systemic discrimination, our focus in this unit is on those groups of students who are served least well by our schools.

Lectures: 2 hours per week; workshops: 1 hour per week.

Prerequisites: Nil.

Education in a Faith Community (THE276)

Credit Points: 4

Not available this year

Aims to assist those working within communities of voluntary commitment, such as Christian churches, to assess critically and theologically the appropriateness to such contexts of current education models. General schooling issues are not addressed. It compares the Hellenistic and Hebraic strands in the western concept of education and develops a modified approach to curriculum development in a faith community more compatible with biblical principles. Skills of program design and the guidance of learning in voluntary contexts will be developed.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Highly recommended: S107/THE107 Introduction to Theology or S105 Foundations of Theology; and E101/EDU101 Introduction to Teaching or EDN112 Understanding Teachers' Work.

Education Project (EDU600)

Credit Points: 4

DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal

A supervised project, resulting in a scholarly report of approximately 6500 words. This will provide evidence that the participant can generate a problem and/or research area from their own interests or professional work in education. The project will be: a) a critical literature review that demonstrates mastery of a problem area; or b) independent action research into an identified research problem. Approval by the supervisor, on the basis of a written proposal, must be obtained before the project commences.

Individual or group consultation arranged. Regular on-campus meetings also conducted and attendance highly recommended.

Prerequisites: Completion of EDU603 or equivalent social research methods unit.

Normally taken as the final component in the MEd (Coursework) degree, provided that F605/EDU605 Master of Education Project is not part of that degree.

Exclusions: Students who have successfully completed F605/EDU605 Master of Education Project may not enrol in this unit for credit.

Education Project (EDU660)

As for EDU600 except:

Credit Points: 6

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Education Provision for Gifted and Talented Students (EDN529)

Credit Points: 3

MURDOCH: SP17-internal

This unit will focus on education provision for gifted students in the classroom and other education and community contexts. It will address the teaching and learning adjustments that meet the diverse learning needs of gifted students in the classroom using a

range of educational models used successfully within Australia and internationally. On completion of the unit, students will be well equipped to design, deliver and critique education provision for gifted students in the classroom and other education and community contexts.

Includes 3 intensive days comprising 3 days in October - October 1,2,3 2014.

Prerequisites: Enrolment in the Postgraduate Certificate in Gifted and Talented Education, or a Masters or Doctoral degree in Education, or permission of the Unit Coordinator.

Enrolment in the Graduate Certificate in Gifted and Talented Education, or a Masters or Doctoral degree in Education, or permission of the Unit Coordinator.

Effective Leadership (MBS671)

Credit Points: 4

DUBAI-ISC: TMD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TSP-internal

This unit explores the nature and role of leadership using selected readings, case studies and discussion. Issues such as 'What is leadership?', 'What do leaders do?' and 'What determines a leader's success or failure?' will be tackled, as well as the key question, 'What is the difference between leading and managing?' The unit focuses on distributed leadership, where everyone in the organisation contributes to developing the organisation's leadership capability and developing personal awareness of these leadership capabilities.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a graduate-level course. Students in the Graduate/Postgraduate Certificate in Business Administration (Masterclass) will be enrolled in MBS6712.

Exclusions: Students may not enrol in both MBS6712 Effective Leadership and MBS6711 Effective Leadership for credit.

Effective Leadership (MBS6711)

As for MBS671 except:

Credit Points: 3

Not available this year

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Effective Leadership (MBS6712)

As for MBS671 except:

Credit Points: 3

MURDOCH: SUM1-internal

Lectures/seminars/workshops: 6 hours (2 x 3 hours) per week for summer term.

Prerequisites: This unit is restricted to students enrolled in C1083 Postgraduate Certificate in Business Administration (Masterclass) or C1115 Graduate Certificate in Business Administration (Masterclass).

Exclusions: Students cannot enrol in both MBS6712 Effective Leadership and MBS671 Effective Leadership for credit.

Taught intensively during the Summer term. Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Effective Leadership (MBS687)

As for MBS671 except:

Credit Points: 3

MURDOCH: S1-internal, S1-external

Electrical Power Systems Design (ENG449)

Credit Points: 3

Not available this year

Electricity Markets (PEC627)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit looks at the design and operation of the modern restructured electricity industry, considering engineering, economic, environmental, regulatory and policy perspectives. The objective of the unit is to provide knowledge and skills for economists, engineers, lawyers, policy analysts and regulators who work in or with the electricity industry. It discusses theory and practice, using the Australian experience as the primary case study but also referring to the European and North American experiences.

Commences with preliminary readings required for an intensive three-day lecture session and assessments; examination will occur in the assessment period.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: PEC491/PEC591 Energy Policy.

Electromagnetism (PEC232)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit provides the foundation theory of electromagnetism. The core subject matter discusses the distributions of static electric fields, static magnetic fields and time-varying electromagnetic fields in free space and in media. Maxwell's equations and variation of them are used to analyse the propagation of plane electromagnetic waves. The interaction of these waves within different media is then studied. The ideas of electromagnetism are applied to illustrate the function of devices used in daily life.

Lectures: 2 hours per week; tutorials: 2 hours per week; laboratories: 3 hours per week for 6 weeks.

Prerequisites: PEC/PEN152 Principles of Physics; MAS161 Calculus and Matrix Algebra. MAS261 Mathematical Methods is highly recommended for this unit.

Electromagnetism (PEN332)

As for PEC232 except:

Credit Points: 3

Not available this year

Electromechanical Energy Conversion (ENG317)

As for ENG347 except:

Credit Points: 3

Not available this year

Electromechanical Energy Conversion (ENG347)

Credit Points: 4

MURDOCH: S1-internal

This unit is concerned with the conversion of energy between electrical and mechanical forms by way of magnetic fields. It covers transformers and electromechanical energy conversion devices such as synchronous, induction and DC machines.

Lectures: 2 hours per week; workshops: 1 hour per week; laboratories: 3 hours per week.

Prerequisites: PEC152/PEN152 Principles of Physics; MAS161 Calculus and Matrix Algebra; ENG243 Circuits and Systems II.

Emergency Medicine (VET527)

Credit Points: 3

Not available this year

This unit is designed to improve knowledge on monitoring of the anaesthetised animal; techniques for providing pre-, intra- and postoperative analgesia; anaesthesia of small animals with gastrointestinal, hepatic, renal, cardiovascular, respiratory and endocrine diseases. The critical care component includes clinical assessment and recognition of complications including multiple organ dysfunction, monitoring of the cardiovascular, respiratory, neurological, renal, haematological and coagulation systems and therapy -- including crystalloids, colloids, transfusion, oxygen, ventilation and nutritional support.

External.

Prerequisites: Enrolment in the Master of Veterinary Studies in Small Animal Practice (M1022), or enrolment in the Postgraduate Certificate in Veterinary Studies in Small Animal Practice (C1074) or enrolment in the Graduate Certificate in Veterinary Studies in Small Animal Practice (C1113).

Emerging Christian Theology: The Creeds (100-500 CE) (THE510)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit introduces students to the development of Christian doctrine in the first 500 years of the Church's existence. It brings together the theological, philosophical, political and spiritual factors that contributed to the formation of the doctrines, in particular the Doctrine of the Trinity and of the person and work of Jesus Christ.

Three day-long intensives of six hours, plus six hours of online contact (discussions/tutorials/lectures). Please check the timetable for the scheduling of the intensives.

Prerequisites: Enrolment in graduate level study.

Employment Relations (BUS222)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit provides an introduction to the Australian employment relations environment. Topics to be examined include labour market issues, different approaches to employee relations, the role of government, unions, management and employer associations, collective bargaining, dispute management and workplace negotiation. This unit is part of the Human Resource Management and Management majors and minors.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: BUS145 Principles of Management or BUS176 Foundations of Management and Governance.

This unit is only available to students studying at the Murdoch (South Street), and KDU campuses. Singapore students should enrol in BUS251 Employment Relations in Asia.

Employment Relations (BUS332)*As for BUS222 except:*

Credit Points: 3

Not available this year

Employment Relations and Asia Pacific Contexts (MBS624)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit explores the employment relations environment in Australia and uses comparative analysis to study other countries in the region. Topics of interest include various approaches to employee relations, the role of the state, unions and employers, collective bargaining, and industrial conflict and co-operation.

Seminars: 3 hours per week.

Prerequisites: Enrolment in a postgraduate-level course.

Employment Relations in Asia (BUS251)

Credit Points: 4

KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

This unit provides an introduction to employment relations environments in Asia. It includes an examination of labour market conditions, the role of government, unions and employer associations, collective bargaining, dispute management and other workplace issues.

Lectures: 2 hours; workshops: 1 hour.

Prerequisites: BUS145 Principles of Management.

This unit is only available to students studying at the Singapore campuses. Murdoch (South Street), KDU and Dubai students should enrol in BUS222 Employment Relations.

Employment Relations Law (LAW363)

Credit Points: 4

MURDOCH: S1-internal

Examines the legal regulation of the relationship between employer and employees in Australia. Reviews the contract of employment before focusing on the Federal industrial relations system, locating it in its constitutional context and examining the nature of statutory regulation of industrial relations. Topics: roles of the various Federal statutory bodies, enterprise bargaining, control of industrial action and unfair dismissal. Western Australian law and practice, occupational health and safety provisions and workers' compensation legislation are briefly considered.

Lectures: 3 hours per week.

Prerequisites: LEG120(prior to 2012)/LAW120 Research and Writing, LEG150(prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract.

Exclusions: Students who have successfully completed C228/BUS228 Employment Law may not enrol in this unit for credit.

The exam for the unit will be held one week after the end of face-to-face teaching.

Employment Relations Law (LLB363)*As for LAW363 except:*

Credit Points: 3

Not available this year

Energy Economics (PEC393)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Covers the economic theory relevant to the energy sector, including discounted cash flow analysis, levelised cost, benefit-cost analysis and the internalising of externalities. Another major topic will be price determination and risk management. Attention is given to open access to energy facilities, the taxation of the energy sector, and the role of public utilities and government industry regulators. The unit emphasises that the role of the market should always be considered within the broader ecological and social context.

Lectures/tutorials: 2 hours per week.

Prerequisites: Nil.

Postgraduate Certificate in Energy Studies, Postgraduate Diploma in Energy Studies and Master of Science in Renewable Energy students should enrol in the higher-level code for this unit.

Energy Economics (PEC593)*As for PEC393 except:*

Credit Points: 4

MURDOCH: H-external, S1-internal, S1-external

Prerequisites: Enrolment in an honours or postgraduate level course.

Energy Efficiency, System Analysis and Auditing (PEC625)

Credit Points: 4

Not available this year

This unit is the first of two units that look at advanced methods in energy efficiency. Topics: energy surveys, mass and energy balances, thermodynamics, energy, air psychometrics, heat transfer and introductory process integration (pinch technology).

External: no attendance required.

Prerequisites: PEC594 Energy Management or equivalent. Enrolment in the Postgraduate/Graduate Certificate in Energy Studies, Postgraduate/Graduate Diploma in Energy and the Environment, Postgraduate/Graduate Diploma in Energy Studies or Master of Science in Renewable Energy.

This unit is taught externally/online by staff from Massey University with tutorial support from Murdoch staff.

Energy Efficient Buildings (PEC370)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit examines approaches to reducing energy consumption in residential and commercial buildings resulting from the design and use of the building and its energy services. The unit covers the principles of energy efficient building design as well as use and interpretation of energy and sustainability audits. Identification of options for reducing energy use through renovation and retrofitting as well as occupant behaviour are also covered.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Knowledge of physics equivalent to PEC120 General Physics OR a final scaled score of 60 percent or more in Physics 2A/2B or PEC/PEN152 Principles of Physics. Recommended: PEC292 Energy in Society.

Energy Efficient Buildings (PEC670)*As for PEC370 except:*

Credit Points: 4

MURDOCH: S1-internal, S1-external

Prerequisites: Enrolment in the Postgraduate/Graduate Certificate in Energy Studies, Postgraduate/Graduate Diploma in Energy and the Environment, Postgraduate/Graduate Diploma in Energy Studies, Master of Science in Renewable Energy or Master of Science in Environmental Architecture. Knowledge of physics equivalent to PEC120 General Physics OR PEC/PEN152 Principles of Physics OR successful completion of PEC592 Energy in Society, PEC594 Energy Management or PEC590 Energy Systems. Recommended: PEC592 Energy in Society.

Energy in Society (PEC292)

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-external

This is a unit about energy sources and how they are utilised to produce power for human society. It is based on a multidisciplinary approach and covers patterns of consumption; energy conversion technology; environmental and social impacts; conventional and alternative sources; energy conservation and options for future energy supplies.

Lectures/tutorials: 3 hours per week (internal students only).

Prerequisites: Knowledge of physics equivalent to PEC120 General Physics OR a final scaled score of 60% or more in Physics 2A/2B or PEC/PEN152 Principles of Physics.

Graduate Certificate in Energy Studies, Graduate Diploma in Energy Studies and Master of Renewable Energy students should enrol in the higher-level version of this unit (PEC592).

Energy in Society (PEC592)*As for PEC292 except:*

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-external, Y-external
KAPLAN-SGP: TJA-internal

Prerequisites: Enrolment in the Postgraduate/Graduate Certificate in Energy Studies, Postgraduate/Graduate Diploma in Energy and the Environment, Postgraduate/Graduate Diploma in Energy Studies or Master of Science in Renewable Energy. Knowledge of physics equivalent to PEC120 General Physics OR a final scaled score of 60% or more in Physics 2A/2B or PEC/PEN152 Principles of Physics.

Energy Management (PEC294)

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-external

A study of the efficient use of energy in buildings, factories and transport systems; techniques for measuring and monitoring energy use; approaches to optimising the performance of electrical appliances and systems; design principles to minimise energy use in buildings and devices and an assessment of the relative costs of energy conservation and energy production in various applications. The unit will include an energy audit and a project report on the results and conclusions.

Lectures/tutorials: 3 hours per week (internal students only).

Prerequisites: Knowledge of physics equivalent to PEC120 General Physics OR a final scaled score of 60% or more in Physics 2A/2B or PEC/PEN152 Principles of Physics. Recommended: PEC292 Energy in Society.

Exclusions: Students who have previously completed PEC291 Energy Management may not enrol in this unit.

Graduate Certificate in Energy Studies, Graduate Diploma in Energy Studies and Master of Renewable Energy students should enrol in the higher-level code for this unit.

Energy Management (PEC594)

As for PEC294 except:

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-external, Y-external

Prerequisites: Enrolment in the Postgraduate/Graduate Certificate in Energy Studies, Postgraduate/Graduate Diploma in Energy and the Environment, Postgraduate Diploma/Graduate in Energy Studies, Master of Science in Renewable Energy or Master of Science in Environmental Architecture. Knowledge of physics equivalent to PEC120 Introduction to Physics/General Physics OR PEC/PEN152 Principles of Physics, OR successful completion of PEC590 Energy Systems, PEC592 Energy in Society, or PEC670 Energy Efficient Buildings. Recommended: PEC492/PEC592 Energy in Society.

Energy Management and Systems (ENG338)

Credit Points: 3

Not available this year

Energy Policy (PEC391)

Credit Points: 4

MURDOCH: S2-internal, S2-external

The objective of this unit is to provide an understanding of the public policy processes and institutions that give rise to the shape, direction and outcomes in the energy sector. The sources of energy policy objectives are explored and the range of policy instruments to achieve such objectives is outlined. Political and economic drivers of policy formation are explored in the areas of fossil fuel policy, nuclear energy, the global environment, renewable energy, and energy sustainability.

Lectures/tutorials: 2 hours per week.

Prerequisites: Nil. Recommended: PEC292 Energy in Society.

Graduate Certificate in Energy Studies, Graduate Diploma in Energy Studies and Master of Renewable Energy students should enrol in the higher-level version of this unit.

Energy Policy (PEC591)

As for PEC391 except:

Credit Points: 4

MURDOCH: S2-internal, S2-external, Y-external

Prerequisites: Enrolment in an Honours or Postgraduate-level course. Recommended: PEC492/PEC592 Energy in Society.

Energy Studies Project (PEC396)

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-external

This unit gives the student the opportunity to investigate a particular area of Energy Studies in significant detail. The Energy Studies Project may be based on experimental or desktop research.

It may involve field or laboratory based experiments, surveys, case studies, or policy research or analysis based on literature reviews and independent thought. Students should consult the Unit Coordinator for a list of possible topics. Project proposals must be approved by the Unit Coordinator before work commences.

No attendance required.

Prerequisites: PEC292 Energy in Society and PEC294 Energy Management and enrolment in the BSc Sustainable Energy Management.

Energy Studies Project (PEC596)

As for PEC396 except:

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-external

Prerequisites: PEC592 Energy in Society; PEC594 Energy Management; enrolment in the Postgraduate Diploma in Energy Studies or the Postgraduate Diploma in Energy and the Environment or the Master of Science in Renewable Energy.

Energy Supply Systems (ENG352)

Credit Points: 4

MURDOCH: S2-internal

An introduction to the design and operation of energy conversion and supply systems. The focus is principally on small to medium scale energy systems currently in use in Australia. Key areas covered include engine-based RAPS systems, hybrid systems, photovoltaic systems, wind power systems and solar thermal systems. Co-generation systems, fuel cells and microhydro systems are also considered. Practical sessions are used to illustrate the concepts from the lectures.

Lectures/tutorials: 3 hours per week; laboratories: 3 hours per week.

Prerequisites: PEC/PEN152 Principles of Physics; MAS161 Calculus and Matrix Algebra; ENG262 Principles of Electronic Instrumentation.

Co-requisite ENG267 Control Systems and Process Dynamics.

Exclusions: Students cannot complete this unit and PEC390 Energy Systems for credit.

Energy Systems (PEC390)

Credit Points: 4

MURDOCH: S2-internal, S2-external

An introduction to the design and operation of energy conversion and supply systems. The focus is on the principal small to medium scale energy systems currently in use in Australia. Key areas covered include engine-based RAPS systems, hybrid systems, photovoltaic systems, wind power systems and solar thermal systems. Co-generation systems, fuel cells and microhydro systems are also considered.

Lectures/tutorials: 3 hours per week.

Prerequisites: Knowledge of physics equivalent to PEC120 General Physics OR a final scaled score of 60% or more in Physics 2A/2B or PEC/PEN152 Principles of Physics. Recommended: PEC292 Energy in Society.

Exclusions: Students cannot complete this unit and ENG352 Energy Supply Systems for credit.

Graduate Certificate in Energy Studies, Graduate Diploma in Energy Studies and Master of Renewable Energy students should enrol in the higher-level code for this unit.

Energy Systems (PEC590)*As for PEC390 except:*

Credit Points: 4

MURDOCH: S2-internal, S2-external, Y-external

Prerequisites: Enrolment in the Postgraduate/Graduate Certificate in Energy Studies, Postgraduate/Graduate Diploma in Energy and the Environment, Postgraduate Diploma/Graduate in Energy Studies, or Master of Science in Renewable Energy. Knowledge of physics equivalent to PEC120 Introduction to Physics/General Physics OR PEC152 Principles of Physics, OR successful completion of PEC592 Energy in Society, PEC594 Energy Management or PEC670 Energy Efficient Buildings. Recommended: PEC492/PEC592 Energy in Society.

Energy, Mass and Flow (ENG192)

Credit Points: 3

MURDOCH: S2-internal

This unit is designed to provide the engineering foundations, skills and knowledge to understand energy and mass transfer in simple systems. It provides the background to analyse process oriented problems. The unit builds upon the fundamental physics by both regimenting students in solving problems in the areas of energy, mass & flow, as well as developing practical skills and understanding of the basics of the physical processes. Both analytical and computer based problem solving techniques are used.

Lectures: 2 hours per week; workshops: 2 hours per week; laboratories: 2 hours per week.

Engaging Communities through Drama (EDN304)*As for EDN352 except:*

Credit Points: 3

Not available this year

This unit is not subject to quota.

Engaging Communities through Drama (EDN352)

Credit Points: 4

MURDOCH: S2-internal (quota of 20 places)

Drama and theatre educate in the broad sense. This unit explores how children, adolescents and community learn through participating in drama as a dynamic, transformative art. It bridges drama in schools and drama in wider community contexts through practical embodied learning workshops, performance projects and placements underpinned by theoretical exploration of the uses and purposes of applied drama and theatre. It engages with new practices in drama, theatre and performance designed to make a difference in participants' lives.

Lectures/workshops: 4 hours per week; rehearsals and performance: as required.

Students are required to attend and participate in lectures/workshops.

All students will need to access LMS during this unit to submit work electronically and create digital portfolios/assignments.

Prerequisites: Nil. Co-requisite (for all students): Internet access and digital completion of assignments as stipulated in the Unit information and Learning Guide.

This unit is subject to quota. Quota is due to limited resources. Preference is given to BEd (Secondary) and BA (Theatre and Drama) students.

Engineering Computing Systems (ENG109)

Credit Points: 3

MURDOCH: S2-internal

Modern industrial processes rely heavily on embedded controllers, both for monitoring and control of operations and to provide warnings and alarms ensuring personnel safety. This unit explores microcontroller hardware and computer-based engineering tools, commonly used in Engineering and Science for the design, analysis and operation in various technological domains. This unit provides both hardware-oriented microcontroller laboratory sessions and computer-based workshops. Students will develop programming skills and learn about the constraints of developing for real-time environments.

Lectures: 2 hours per week; workshops: 3 hours per week; laboratories: 2 hours per fortnight.

Prerequisites: Nil.

Engineering Design (ENG428)

Credit Points: 4

MURDOCH: S1-internal, S2-internal

In this unit students are exposed to a design task, specialised to each of the engineering disciplines. It is required to adopt a global approach to define a problem, develop a solution and present this in writing and verbally. Project work, sometimes team based, will involve a design task and the development of a solution to the problem. This may take the form of a corporate package, a mathematical formulation, a physical device or an analytical strategy of some kind.

Lectures/tutorials/meetings/laboratories: By arrangement with the Unit Coordinator, academic supervisor and team members.

Prerequisites: Completion of all required third year Engineering units.

Environmental Engineering students should enrol in ENG4281

Engineering Design (ENG4281)*As for ENG428 except:*

Credit Points: 4

MURDOCH: S1-internal, S2-internal

Prerequisites: Completion of all required third year units and approval of the Academic Chair of Environmental Engineering

Environmental Engineering students should enrol in ENG4281

Engineering Design Project (ENG457)

Credit Points: 6

MURDOCH: S2-internal

Students learn to apply the principles of extractive metallurgical project design at pre-feasibility stage including project planning, management, process design, flowsheet development, equipment selection, OHE&S and cost analysis. A written report and oral defence covering all project aspects will be submitted by each student team working on a specified metal/mineral extraction process. The unit is supported by Minerals Tertiary Education Council and is run in conjunction with University of Queensland and the Western Australian School of Mines.

Lectures/tutorials: 4 hours per week; project meetings as arranged by the Unit Coordinator.

Prerequisites: EXM301 Mineral Processing, EXM302 Advanced Mineral Processing, EXM357 Extractive Metallurgy, EXM358 Pyrometallurgy, or alternatives approved by the Unit Coordinator.

Exclusions: Students who have successfully completed EXM435 Advanced Topics in Extractive Metallurgy may not enrol in this unit for credit.

Engineering Finance, Management, Ethics and Law (ENG336)

Credit Points: 3

Not available this year

This unit provides exposure to a wide range of aspects of the practice of engineering. Topics: strategic management -- the management of both human and financial resources; the law -- as it relates to contract and tort, copyright and intellectual property; ethics -- the engineering code of ethics and its operation in engineering practice; professionalism -- the roles and responsibilities of the professional engineer.

Engineering Internship (ENG450)

Credit Points: 12

MURDOCH: DE2-internal, H-internal, S1-internal, SUM-internal, WU3-internal, Y-internal

This unit provides exposure to industrial engineering projects and involves elements of specification, design, implementation, testing, documentation, demonstration and presentation. The unit brings together all aspects of the student's knowledge, training and skills. Students will prepare a project report, deliver seminars describing the project, and attend meetings with academic and industry supervisors as required.

Meetings: as required.

Prerequisites: Permission of Engineering Academic Chair.

Engineering Law, Management and Ethics (ENG453)

Credit Points: 4

MURDOCH: S1-internal

This unit provides exposure to a wide range of aspects of the practice of engineering. Topics: strategic management -- the management of both human and financial resources; the law -- as it relates to contract and tort, copyright and intellectual property; ethics -- the engineering code of ethics and its operation in engineering practice; professionalism -- the roles and responsibilities of the professional engineer.

Lectures and workshops: 4 hours per week.

Prerequisites: Completion of 40 or more points at Part II.

Exclusions: Students who have successfully completed ENG417 Engineering Studio: Law, Management and Ethics may not enrol in this unit for credit.

Engineering Masters Project (ENG615)

Credit Points: 12

MURDOCH: H-internal, S1-internal, S2-internal, Y-internal

This project will address a problem of industrial significance, and will involve all aspects of Instrumentation and Control Engineering. This project may also require the student to be stationed at an industrial site.

Meetings/laboratories: by arrangement with the Unit Coordinator.

Prerequisites: Enrolment in the ME or permission of the Engineering Academic Chair.

Engineering Research Skills (BEN200)

Credit Points: 3

Not available this year

This unit introduces the research skills that student will need in order to stay abreast of future innovations in engineering technology. The unit will explain the rationale behind research methodologies, and will help student to develop skills in effective use of search engines, reading scholarly articles on engineering innovations, modelling of physical devices and systems, designing reliable experiments to test ideas; and reporting findings through seminar presentations and written reports.

Prerequisites: BEN100 Transitioning into Engineering, ENG141 Design Concepts in Science and Engineering; ENG109 Engineering Computing Systems; MAS161 Calculus and Matrix Algebra; PEN152 Principles of Physics.

Engineering Signals and Systems (ENG429)

Credit Points: 4

MURDOCH: S1-internal, S2-internal

This unit aims to provide an understanding and practical experience with the acquisition, processing and analysis of signals obtained from typical engineering measurement systems. It essentially represents a culmination of the material under the broad category of signals and systems. Although a range of theoretical concepts are addressed, emphasis is upon using modern computer-based hardware components and software packages. Acquisition, processing and analysis of signals from a broad range of engineering systems will be considered.

Meetings/laboratories: By arrangement with the Unit Coordinator.

Prerequisites: Enrolment in ME or permission of the Engineering Academic Chair.

Engineering Systems Projects (ENG396)

Credit Points: 6

MURDOCH: S1-internal, S2-internal, SUM-internal

This unit allows students to extend their studies in a subject area outside of their Engineering major. Its purpose is to develop a thorough knowledge and expertise in certain specific areas of engineering. A range of topics are available.

Lectures/tutorials/meetings: By arrangement with the Unit Coordinator.

Prerequisites: Permission of the Engineering Academic Chair.

Engineering Technology Project (ENG310)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal

This unit involves the undertaking of a design project in an area of Engineering Technology. Students will be expected to demonstrate an understanding of the underlying principles of the task to be done and, under supervision, complete a small scale project, which will require some elements of specification, design, developments and testing. Additionally, students must present their work both verbally and in written form.

Meetings/laboratory work: as required.

Prerequisites: Permission of the Engineering Academic Chair.

Engineering Thermodynamics (ENG202)

Credit Points: 3

Not available this year

Basic concepts in thermodynamics for steady and unsteady systems, forms of energy and equations of state; properties of pure substances, phase diagrams and phase transitions. Pure components and solutions. Gibbs free energy, fugacity and activity, phase equilibria, electrochemical equilibria. Chemical reaction equilibria. First law of thermodynamics and applications - mass and energy balances in open and closed systems. Entropy and second law of thermodynamics, energy; typical engineering case studies.

Engineering Thesis (ENG460)

Credit Points: 12

MURDOCH: DE2-internal, H-internal, S1-internal, SUM-internal, WU3-internal, Y-internal

This unit provides exposure to, and experience with, a significant engineering project, with emphasis upon industrially based projects. Typically this involves elements of specification, design, implementation, testing, documentation, demonstration and presentation. The unit is designed to bring together all aspects of the students knowledge, training and skills developed within Engineering. Each student is required to prepare a substantial thesis together with verbal presentation of the final result.

Meetings with Supervisor: as required.

Prerequisites: Permission of Engineering Academic Chair.

English and the Curriculum (Secondary) (Major) (EDN413)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit prepares students for using the Australian Curriculum to teach English in Western Australian secondary classrooms. The unit introduces students to teaching strategies that are informed by current theories of learning and literacy.

Lectures/workshops: 50 hours.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: Enrolment in a teacher education course [either BEd (Secondary) or BEd (Secondary) (Graduate) or GradDipEd (Primary) or GradDipEd (Secondary)]; successful completion of EDN112/EDN1121 Understanding Teachers' Work or EDU101/EDU1011 Introduction to Teaching; successful completion of or enrolment in EDN221/EDN245 Learning, Teaching and Assessment or EDU242 Learning and Assessment Processes; successful completion of a minimum of four Part I English units (one of which is a Foundation Unit) and enrolment in or completion of at least four Part II English units. These units should not be Creative Writing units.

Students should also be enrolled in EDN4101 Professional Experience: BEd Secondary for students enrolled in the Bachelor of Education (Secondary)/Bachelor of Arts (English and Creative Arts) OR

Enrolment in EDN293 and EDN297 Professional Experience: Secondary Graduate for students enrolled in the Graduate Diploma in Education (Secondary).

English and the Curriculum (Secondary) (Minor) (EDN313)

Credit Points: 2

MURDOCH: S1-internal, S1-external

This unit prepares students for using the Australian Curriculum to teach English in Australian secondary classrooms. The unit introduces students to teaching strategies that are informed by current theories of learning and literacy.

Lectures/workshops: 30 hours.

Prerequisites: Enrolment in a teacher education course [either BEd (Secondary) or BEd (Secondary) (Graduate) or GradDipEd (Secondary)]; successful completion of EDN112/EDN1121 Understanding Teachers' Work or EDU101/EDU1011 Introduction to Teaching; successful completion of, or enrolment in, EDN221/EDN245 Learning, Teaching and Assessment or EDU242 Learning and Assessment Processes; successful completion of a minimum of two Part I English units (6 points) and completion of, or enrolment in, at least one Part II English unit (4 points) (these units should not be Creative Writing units).

Curriculum teaching minor in English requires a minimum of two units (6 points) at Part I-level and at least one unit (4 points) at Part II-level from the English and Creative Arts or Gender and Cultural Studies majors.

English Language Studies (EGL151)

Credit Points: 3

Not available this year

Develops English language skills and cultural understanding of students from other language and cultural backgrounds in both academic and general contexts. Topics include adjusting to the Australian university culture and its values, standards and expectations, and the dominant values and characteristics of mainstream Australian culture. Students will reflect on the similarities and differences they encounter with their own educational and cultural background and experiences. Lectures, tutorials and other cultural activities are designed to enrich the learning outcomes in this unit.

Lectures/tutorials: 3 hours per week.

Prerequisites: Nil. This unit is designed for students for whom English is a second (or additional) language, both international and local, undergraduate and postgraduate. Students with advanced English language proficiency (i.e. approaching native speaker levels) may be excluded at the discretion of the Unit Coordinator.

Enterprise Architectures (ICT301)

Credit Points: 3

Not available this year

Entrepreneurship (BUS274)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit focuses the ways in which entrepreneurs operate within organisations and in new and social ventures. This unit is designed to make one more entrepreneurial and create value to businesses, organisations and the society through the development of the entrepreneurial mindset. Business planning including the development and presentation of business plans and New Products (or service) Development are also taught.

Lectures: 1 hour per week; tutorials: 2 hours per week.

Prerequisites: BUS145 Principles of Management.

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Entrepreneurship and Innovation Management (MBS629)

Credit Points: 4

DUBAI-ISC: TJD-internal, TSD-internal
SGP1: TSS-internal

This unit explores the development and management of start-up enterprises, focusing on commercialisation of new business ideas and new technologies. Topics include opportunity recognition and evaluation, the development of technological, operational and exit strategies, innovation practices and creativity, capital raising and network building. Students will work in small groups developing a feasibility plan to launch a new venture and learn how to pitch and sell their new business.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate-level course.

Entrepreneurship and Innovation Management (MBS673)

As for MBS629 except:

Credit Points: 3

MURDOCH: S1-internal, S1-external

Environmental and Biological Modelling (MAS305)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit will examine in detail mathematical models of population ecology, biochemical kinetics, physiological problems, blood flow and spatial characteristics of the spread of pollutants and of disease as well as applications in groundwater flow and marine science (including ideas from basic oceanography). Mathematical techniques covered may include regular and singular perturbation theory, conservation laws and dimensional analysis, complex variables and partial differential equations. Numerical analysis will be incorporated throughout the unit as it is required.

Lectures: 3 hours per week; tutorials/computer laboratories: 1 hour per week.

Prerequisites: MAS208 Mathematical Modelling or MAS261 Mathematical Methods.

Exclusions: Students may not enrol in this unit and any of MAS164 Fundamentals of Mathematics, MAS161 Calculus and Matrix Algebra or MAS182 Applied Mathematics concurrently.

Environmental and Biological Modelling (MAS351)

As for MAS305 except:

Credit Points: 3

Not available this year

Environmental Architecture Dissertation (PEC673)

Credit Points: 8

MURDOCH: Y-internal, Y-external

This is a research-based project aimed at integrating environmentally sensitive building design and scientific analysis into practice. It enables the principles developed in the coursework component of the Master of Science in Environmental Architecture to be applied in order to further the knowledge of the field or develop advanced design competency on an environmentally sensitive building design.

No formal contact hours determined.

Prerequisites: Enrolment in Master of Science in Environmental Architecture.

Environmental Assessment and Management (ENV522)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit explores the application of science to environmental assessment and management for environmental professional practice. Emphasis is given to environmental decision-making and public engagement. Techniques and challenges in environmental assessment and management at all scales of application from the local to regional, national and international level, and across a range of applications including protected area management, industry, government planning agencies and environmental impact assessment are addressed. Workshops and case studies enable practical, multidisciplinary and interactive learning.

Lectures: 1 x 3 hours per week

Prerequisites: Undergraduate students: completion of all 300-level units in BEnvSc or BMarineSc.
Postgraduate students: Enrolment in appropriate postgraduate qualification.

Environmental Assessment and Management (ENV557)

As for ENV522 except:

Credit Points: 3

MURDOCH: S1-internal, S1-external

Environmental Building Services (PEC375)

Credit Points: 4

MURDOCH: S2-internal, S2-external

The unit looks at environmentally sensible building services. It starts with an investigation of emerging technologies for building services. It then looks at how permaculture principles can be applied to the built and natural environment. Finally the unit looks at solar and renewable energy systems that can be integrated into buildings and the built environment.

This unit will be run as an online unit with some lecture/workshop sessions.

Prerequisites: PEC294 Energy Management

Environmental Building Services (PEC675)

As for PEC375 except:

Credit Points: 4

MURDOCH: S2-internal, S2-external

Prerequisites: PEC594 Energy Management

Environmental Education for Sustainability (EDU650)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This is a practical, project-based unit which provides participants the opportunity to network with organisations and individuals in the field of environmental education for sustainability. It introduces participants to the principles of environmental education for sustainability using local environmental issues as illustrations. It provides participants with information and first hand experience of the many environmental programs and resources available in

Western Australia, and addresses the links between these environmental opportunities and curricula development at all levels.

Two intensive weekends (Saturday morning to Sunday afternoon) near the start and middle of the semester and one half-day on a weekend near the end of the semester. Participants will work on individual projects during semester.

Prerequisites: Enrolment in an Honours or Postgraduate-level course.

Due to the nature of offering this unit participants are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Environmental Engineering Design (ENG452)

Credit Points: 3

Not available this year

Environmental Management (ENV319)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit covers the procedures by which different environments can be managed for different objectives. Case studies illustrate environmental challenges and their management, and the unit takes a problem-solving approach. Selected case studies are used to define and understand environmental issues, determine management objectives and develop appropriate management strategies. Case studies may involve environmental management for nature conservation, recreation, or industrial production. The Environmental management systems and corporate sustainability reporting are studied in practical sessions.

Lectures: 2 hours per week; tutorials: 2 hours per semester; practical work: 39 hours per semester.

External students should note that this unit has a compulsory week-long on-campus component during the 'non-teaching' weeks of semester 2.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: Completion of at least 20 points at Part II.

Environmental Management (ENV331)

As for ENV319 except:

Credit Points: 3

Not available this year

Environmental Monitoring (ENV505)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit provides a conceptual background to the design and implementation of environmental monitoring programs, and practical experience in the collection, analysis, interpretation and reporting of monitoring data. The unit considers physical, chemical, biological and social monitoring, and short and long term programs. Geographical information systems and remote sensing are given special attention. The unit considers monitoring of terrestrial and aquatic (both marine and freshwater systems) in addition to airborne compounds and social systems.

Lectures: 2 hours per week; practical work: 3 hours per week.

Prerequisites: Enrolment in a graduate science course or MA in

Education for Sustainability.

Environmental Monitoring (ENV558)

As for ENV505 except:

Credit Points: 3

MURDOCH: S2-internal, S2-external

Environmental Policy and Law (ENV228)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit is intended to introduce students to environmental policy and the role played by the legal system in environmental protection, planning and management. Students are introduced to the nature of legal systems and the consequent limitations and possibilities for the implementation of environmental policy. Emphasis is given to the Australian and particularly to the Western Australian situation. The development of written communication skills is a priority.

Lectures: 3 hours per week; tutorials: 1 hour per week for 12 weeks.

Prerequisites: Nil.

Graduate, Postgraduate and Honours students should enrol in the higher-level code for this unit except where the course structure states otherwise.

Environmental Policy and Law (ENV328)

As for ENV228 except:

Credit Points: 3

Not available this year

Environmental Policy for the 21st Century (ENV616)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit explores environmental policy-making and implementation, particularly the influence of science. The focus is on developing policy relevant to the 21st century by recognising the demands and opportunities provided by this century. Environmental policy in Australia provides the core of the unit, however, attention is also given to policy-making elsewhere. Selected policy domains, such as biological diversity, will be explored in detail. This unit provides insights into policies as an integral part of solutions to environmental problems.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Enrolment in Master of Science in Environmental Science, or other Masters level courses or Graduate/Postgraduate Diploma in Energy and the Environment.

Environmental Politics (POL285)

Credit Points: 4

Not available this year

This unit examines the issue of the environment in Australian politics. Grounded in an introduction to green political theory, it poses questions about ecological democracy and citizenship. We consider the manner in which administrative rationality and economic rationality frame ecological priorities and policy dilemmas. Issues of federalism, the role of the law, green political parties, obligations to international protocols, and environmental issues in Asia are also included.

Up to 3 hours per week.

Prerequisites: Nil.

Environmental Politics (POL385)

As for POL285 except:

Credit Points: 3

Not available this year

Environmental Restoration (ENV324)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Focuses on the repair of damaged ecosystems and aims to provide an understanding of the concepts and practice of restoration ecology. Study both site-based and landscape-scale restoration, including mine site rehabilitation, plant regeneration, revegetation, plant and animal reintroduction, and landscape design. Discuss restoration goals and techniques, the use of reference ecosystems, the concept of restoration thresholds and the design of resilient ecosystems. Also consider the broader socio-economic and decision-making contexts within which restoration activities take place.

Lectures: 2 hours per week; practical work: 7 x 3 hour workshops and 5 x 3 hours fieldtrips.

Prerequisites: ENV268 Ecology.

Environmental Restoration (ENV334)

As for ENV324 except:

Credit Points: 3

Not available this year

Environmental Science Masters Project (ENV600)

Credit Points: 8

MURDOCH: H-internal, H-external, Y-internal, Y-external

This unit involves students in an advanced, supervised investigation of a selected environmental science area and is designed to complete the requirements for the Master of Science (Environmental Science). Projects may range from substantial reading programs to small research projects. Project topics, applied in nature, will be chosen in consultation with the Unit Coordinator and proposed supervisor. Students are encouraged to take the unit over two semesters.

Tutorials: 6 hours per semester.

Prerequisites: Enrolment in MSc (Environmental Science), or other Masters courses with permission of the MSc (Environmental Science) Academic Chair. Recommended: Completion of, or concurrent enrolment in, ENV523 Environmental Science Research Methods

Environmental Science Masters Project (ENV690)

As for ENV600 except:

Credit Points: 12

MURDOCH: H-internal, H-external, Y-internal, Y-external

Tutorials: 6 hours per semester.

Prerequisites: Enrolment in Master of Environmental Science or other Masters courses with permission of the Master of Environmental Science Academic Chair.

Environmental Science Research Methods (ENV523)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Research in environmental science is broadly based and utilises a range of methods. Students are introduced to a spectrum of research methods used in preparing for, doing and communicating the outcomes of research. Areas covered include preparing research proposals, using the literature in devising and evaluating research, statistical analysis, library facilities and research ethics. Writing literature reviews, writing the methods chapter of a thesis and presenting research at conferences and other meetings are also covered.

Lectures: 2 hours per week; tutorials: 8 x 2 hours.

Prerequisites: Enrolment in fourth year of BEnvSc, BSc (Environmental Science) (Honours), BSc (Environmental Management) (Honours), BSc (Environmental Restoration) (Honours), BSc (Environmental Technology) (Honours), BSc (Marine Science) (Honours), BSc (Ecotourism) (Honours), MSc (Environmental Science), MPhil, PhD. This unit should be taken at the beginning of enrolment in the prerequisite majors/courses.

Environmental Science Topics (ENV527)

Credit Points: 3

MURDOCH: S1-internal, S1-external

A series of workshops, laboratory and field studies to acquaint the student with specialised topics in Environmental Science. The topics will vary from year to year.

Prerequisites: Enrolment in Graduate Certificate in Environmental Assessment and Management or Graduate Diploma in Environmental Science or other approved graduate coursework award.

Environmental Technology for Sustainability (ENG300)

Credit Points: 3

Not available this year

Environmental Technology for Sustainability (ENV210)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit aims to provide a broad overview of technology for environmentally sound development, and the necessary understanding for evaluating technology for specific situations. It explores the production, use and application of renewable resources, and considers technology in the areas of agriculture, water, wastes, shelter, energy, transport and materials. The unit covers technologies for climate change adaptation and carbon neutral development relevant to developing countries, isolated communities, and urban villages, drawing on case studies from around of the world.

Lectures: 2 hours per week; workshops: 2 hours per week or equivalent.

Prerequisites: ENV104 Australian Environmental Issues or ENV102 Introduction to Environmental Science.

Environmental, Sustainability and Climate Change Law (LAW356)

Credit Points: 4

Not available this year

This unit reviews the various forms of legal control associated with environmental protection. It evaluates the comparative costs and benefits of private law and public law controls by reference not only to Australian but also to overseas models, particularly models heavily dependent on litigation.

Taught intensively over 1 week in city Law firm office: refer to timetable for details.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract.

The exam for the unit will be held one week after the end of face to face teaching.

Environmental, Sustainability and Climate Change Law (LLB356)

As for LAW356 except:

Credit Points: 3

Not available this year

Epidemiological Studies: Design and Analysis (VET699)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This unit will provide students with the skills required to design, conduct and analyse epidemiological surveys.

Online discussions and workshops as required.

Prerequisites: Enrolment in Master of Veterinary Studies in Veterinary Surveillance, Master of Veterinary Studies in Conservation Medicine, Doctor of Veterinary Medical Science, Master of Veterinary Clinical Studies or permission of the Academic Chair.

Equine Medicine I (VET673)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit is aimed at veterinarians wanting to further develop their knowledge in the discipline of Equine Medicine. The focus of this unit will be diseases of the gastrointestinal tract. A problem-orientated approach will be utilized and content will include both common and uncommon diseases.

External.

Prerequisites: Enrolment into Master of Veterinary Clinical Studies, or enrolment into Doctor of Veterinary Medical Science.

Equine Medicine II (VET674)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit is aimed at veterinarians wanting to further develop their knowledge in the discipline of Equine Medicine. The focus of this unit will be diseases of the cardiopulmonary system. A problem-orientated approach will be utilized and content will include both common and uncommon diseases.

External.

Prerequisites: Enrolment into Master of Veterinary Clinical Studies, or enrolment into Doctor of Veterinary Medical Science.

Equine Nutrition and Health (ANS362)

Credit Points: 4

MURDOCH: S2-internal

This unit will be taught in modules and develops further knowledge of the theory and practice of equine health, nutrition and management. Students will also gain an understanding of pasture management. Practical exercises will introduce students to components of welfare and housing, plant toxicology, pharmacology, major diseases and nutritional management, and include field trips.

Lectures: 4 hours per week; practicals/field: 4 hours per week.

Prerequisites: ANS102 Introduction to the Animal Body and ANS106 Animal and Human Bioethics.

Equine Nutrition and Health (ANS366)

As for ANS362 except:

Credit Points: 3

Not available this year

Equine Physiology and Behaviour (ANS361)

Credit Points: 4

MURDOCH: S2-internal

This unit will be taught in modules and develops knowledge in the theory and practice of equine physiology, anatomy and behaviour. Students will also gain an understanding of the evolution of horses and human-equine interactions. Practical exercises will introduce students to components of biomechanics, exercise physiology, reproductive physiology, and examining equine behaviours and include field trips.

Lectures: 4 hours per week; practicals/field: 4 hours per week.

Prerequisites: ANS102 Introduction the Animal Body or BMS101 Introduction to the Human Body; ANS106 Animal and Human Bioethics.

Equine Physiology and Behaviour (ANS365)

As for ANS361 except:

Credit Points: 3

Not available this year

Equine Practice (VET454)

Credit Points: 4

MURDOCH: YM-internal

The Equine Practice unit is designed to provide the veterinary student with the knowledge base required to be successful in clinical practice. This is a comprehensive course, which, while placing an emphasis on the common problems in equine practice, will also cover the interesting and not so common. The practical component will allow students to develop a basic proficiency in common diagnostic and therapeutic techniques.

Lectures: 60 hours; practicals: 24 hours.

Prerequisites: Enrolment in Applied Veterinary Medicine. Completion of VET459 Surgical Secrets, VET456 Anaesthesia, Emergency and Critical Care, VET462 Veterinary Diagnostic Imaging.

Equine Practice, After-Hours and Diagnostic Imaging (VET590)

Credit Points: 3

MURDOCH: YM-internal

Equine Practice, After-hours and Diagnostic Imaging provides supported practical training across several areas of veterinary clinical practice including equine, emergency after-hours, and diagnostic imaging.

Approximately 50 contact hours per week of clinical training.

Prerequisites: Pass grades in VET419, VET 451, VET432, VET 453, VET 454, VET 455, VET 457, VET 458, VET 463

Teaching and assessment will commence up to 4 weeks prior to the start of S1 in any year and may conclude up to end of week five of S2.

Equity (LLB351)

Credit Points: 3

Not available this year

This unit focuses upon equity's most important creation: the trust. Students will learn about express trusts, constructive trusts and resulting trusts. The primary focus will be on the creation and proper administration of express trusts. This includes consideration of trustees' duties, the remedies available for breach of trust and the process of tracing. The classes will focus upon the case law and upon the relevant statutes - the Trustees Act 1962 (WA) and Property Law Act 1969 (WA) - and their interpretation.

Lectures: 24 hours per semester; Tutorials/workshops: 5 hours per semester.

Prerequisites: LEG120/LAW120 Research and Writing, LEG150/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, and LAW260 Contract; PLUS concurrent enrolment with LAWxxx Equity and Trusts B OR successful completion of LAWxxx Equity and Trusts B

Exclusions: Students may not enrol in LLB351 Equity and Trusts A if they have successfully completed LAW351 Equity & Trust

Equity and Trusts (LAW351)

Credit Points: 4

MURDOCH: S2-internal

Topics: Doctrines of equity: the law of fiduciary obligations, equitable estoppel assignments, unconscionable conduct and the protection of confidential information; Equitable remedies: specific performance, injunctions, constructive trust, declarations and equitable damages and compensation; Elements of trust law: various kinds of trust; duties, powers and rights of trustees; consequences of breach of trust.

Lectures: 4 hours per week; tutorials/workshops: up to 10 hours per semester.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing/LAW120 Legal Writing for Lawyers, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, and LAW260 Contract.

Essentials of Pharmacology and Chemotherapy (BMS365)

Credit Points: 4

MURDOCH: S1-internal

This unit provides an introduction to the principles of pharmacology which is followed by the systematic study of the drugs that are used for common conditions. This includes antibiotics

and the drugs of the autonomic nervous system, drugs that act centrally and those that interact with autacoids, and the renal and cardiovascular systems. Components of the unit will be presented using lectures, practicals, workshops and seminars.

Lectures: 5 hours per week; tutorials/workshops/seminars: 3 hours per week.

Prerequisites: BMS264 Biomedical Physiology and either BMS261 Human and Comparative Biochemistry or BIO270 Biochemistry I. Recommended: BMS203 Comparative and Human Microbiology, BIO252 Immunology, Vaccines and Cell Culture.

Ethical Challenges of Contemporary Societies (SWM621)

Credit Points: 3

MURDOCH: S2-internal

This unit focuses on some of the most pressing contemporary ethical questions. Students will develop their analytic and critical thinking skills through examining problems from a moral point of view and by practising ethical arguments. The topics covered include the moral status of states and business corporations, individual and collective responsibility, tragedies of the commons and environmental degradation, ethical issues arising from climate change, questions of global justice, the problem of world poverty, and the moral permissibility of military interventions.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in the Master of Public Policy and Management, Master of Development Studies, or Master of International Affairs.

Exclusions: Students who have successfully completed SSH621 Professional Ethics may not enrol in this unit for credit.

Ethics (THE624)

Credit Points: 3

Not available this year

Seminars: 2 hours per week

Ethics and Jurisprudence (CHI581)

Credit Points: 2

MURDOCH: T2-internal

This unit integrates chiropractic practice with appropriate professional ethics required of primary contact health professionals. It includes ethical considerations of the rights and responsibilities of both the practitioners and the patients. Emphasis is placed on risk management, informed consent, record keeping, legal issues in health care, ethics in general and principles of medical ethics, the patient-doctor relationships, and writing a medical-legal report.

Lectures: 2 hours per week; workshops: 2 hours per week.

Prerequisites: Completion of BSc (Chiropractic) or permission of the Academic Chair.

Ethics and Professional Responsibility (LAW368)

Credit Points: 4

MURDOCH: S2-internal

This unit has been introduced to fulfil the admission requirements of the Legal Practice Board of Western Australia. It introduces students to the elements of ethics, ethical reasoning and practical decision-making in relation to contemporary concerns about public,

professional and personal ethical responsibility in the workplace, community and global contexts. The unit also focuses on the application of legal ethics in the practice of law, and the responsibilities of lawyers in their interactions with clients and the wider community.

Lectures/tutorials: 2.5 hour per week.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing; LEG150 (prior to 2011)/LAW150 Australian Legal System; LAW152 Torts; LAW130 Criminal Law and Procedure; LAW260 Contract; LAW258 Australian Administrative Law; LAW259 Constitutional Law; LAW253 Property; LAW252 Evidence. Students are advised that this unit should be taken in the last year of enrolment.

Ethics and Professional Responsibility (LLB468)

As for LAW368 except:

Credit Points: 3

Not available this year

Ethics in Practice (PHL272)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit introduces students to the elements of ethics, ethical reasoning and practical decision-making in relation to contemporary concerns about public, professional and personal ethical responsibility in the workplace, community and global contexts. The unit focuses on the development of practical skills in ethical sensitivity, discrimination and judgement, in a world where ethical values are contested and changing. Topics include: truth-telling and integrity, confidentiality, conflicts of interest, racial inequality, corporate social responsibility, business ethics, cyberethics and global justice.

Lectures/tutorials: up to 2.5 hours per week.

Prerequisites: Nil. This unit is intended to be accessible to students from all disciplines.

Exclusions: Students who have successfully completed LAW368 Ethics and Professional Practice after 2009 may not enrol in this unit for credit.

Ethics of Socio-legal Research (CRM4303)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Ethics, Responsibility and Justice (PHL219)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Controversies about right and wrong, justice and injustice are rife in democratic societies. Enormous economic and social change, exponential advancement in technology, unprecedented freedom of choice amid increasing inequalities create pressing concerns about how to make the most of our own lives and how we can best live together with other people, locally and globally. This unit explores philosophical responses to these issues in light of different understandings of ethical and political values, the good life, justice and virtue.

Lectures/tutorials: up to 2.5 hours per week.

Prerequisites: Nil. This unit is intended to be accessible to students from all disciplines.

Ethnic Conflict and Ethnic Diversity (SOC201)

Credit Points: 3

Not available this year

This unit examines key social and political issues arising from ethnic diversity. This involves the discussion of both how multicultural democracies function, and also why ethnic conflicts and ethnic violence occur. These issues are discussed both in an Australian and a global context, and the unit seeks to elucidate both the key concepts relating to ethnic diversity, and also the key issues of policy and practice.

Exclusions: SSH229 Ethnic Diversity and Ethnic Conflict.

Europe Under the Dictators (HIS259)

As for HIS293 except:

Credit Points: 3

Not available this year

Europe Under the Dictators (HIS293)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Explores European history from the Russian Revolution to the Second World War by focusing on the brutal dictatorships that emerged in Bolshevik Russia, the Stalinist Soviet Union, Fascist Italy and Nazi Germany. Key themes include: communist and fascist ideology; personalities of the dictators (Lenin, Stalin, Mussolini and Hitler); the role of terror, state violence and resistance in everyday life; the responses of women and minorities; the Eastern Front during the Second World War; and the Holocaust.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

European Union Law (LLB342)

Credit Points: 3

IMACERATA: S2G-internal

Introduces students to the legal system of the European Union (EU) with emphasis on the constitutional, administrative and commercial aspects. The political and economic origins of the EU will also be discussed, along with the relationship between Community Law and the laws of the member States, and the free movement of goods, workers, capital and services. The unit will concentrate on the transnational protection of economic and social rights and the jurisprudence of the European Court of Justice.

Contact the School of Law for further information.

Prerequisites: LAW259 Constitutional Law; LAW258 Australian Administrative Law; LAW252 Evidence; LAW260 Contract.

The S2G enrolment option for this unit is offered as part of the European Summer Program in Law, hosted at the University of Macerata, Italy. Enrolment in this program is by application to the program Director, and applications require payment of a non-refundable deposit. Students enrolling in the program are responsible for their own airfares, accommodation and incidental expenses during the program. Contact the School of Law for further information.



Events Internship (SSH302)

Credit Points: 8

ROCKINGHAM: S2-internal

This unit gives students the opportunity to consolidate their theoretical knowledge and develop their professional competence in the workplace. The learning experience takes place primarily outside the classroom with students having the opportunity to participate in real world event management experiences related to their studies, supported by a school academic supervisor and a workplace supervisor. Students who have completed the practicum unit will gain valuable event management experience which is likely to enhance their employability and prospects for promotion.

Up to 6 x 2-hour workshop sessions during the semester in addition to work-based placement.

Prerequisites: Must have completed TOUT304 Events, Policy and Evaluation.

This unit should be studied in the final semester.

Events Internship (TOUT305)*As for SSH302 except:*

Credit Points: 6

Not available this year

Events, Policy and Evaluation (TOUT304)

Credit Points: 4

MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal

Managing events and festivals is an eclectic task, from event design and marketing to managing visitors and the community. Appropriate planning accounts for the impacts, positive and negative, of the event or festival on the community, business and the visitors. A key aspect of this evaluation of the event and the inclusion of that knowledge in development of policy at the local, state and national government levels.

Lectures/tutorials/workshops: 3 hours; lectures may be streamed using Lectopia.

Prerequisites: TOUT212 Festivals and Events.

Exclusions: Students who have previously completed TOUT304 Events and Festivals Management cannot enrol in this unit for credit.

Events, Policy and Evaluation (TOUT324)*As for TOUT304 except:*

Credit Points: 3

Not available this year

Prerequisites: TOUT221 Sustainable Tourism

Evidence (LAW252)

Credit Points: 4

MURDOCH: S2-internal

This unit, which spans both the Commonwealth and Western Australian jurisdictions, deals with the rules affecting the admissibility of evidence and the examination of witnesses. These rules will be explored within the framework of the trial process. For assessment in the unit students will be required to interpret the statutes relevant to each jurisdiction and apply them in the construction of a trial. The unit also introduces students to the Professional Conduct Rules and the ethical obligations governing practitioners.

Lectures: 4 hours per week; tutorials/workshops: 5 hours per semester.

Prerequisites: Nil.

Evidence (LLB352)*As for LAW252 except:*

Credit Points: 3

Not available this year

Evidence-Based Clinical Practice (VET694)

Credit Points: 3

MURDOCH: S1-external (quota of 30 places)

This unit explores the application of evidence-based practices in areas of veterinary clinical problem solving such as the diagnosis and treatment of disease. Students will develop skills in diagnostic reasoning and learn about diagnostic error. Students will learn how to critically evaluate clinical case reports and research papers and understand how to use this information when making clinical management decisions.

External. Arrangements made with the Unit Coordinator.

Prerequisites: Enrolment in the Master of Veterinary Studies in Small Animal Practice (M1022).

It is strongly recommended that students enrolled in the Master of Veterinary Studies in Small Animal Practice (M1022), Graduate Certificate in Veterinary Studies in Small Animal Practice (C1074), or Graduate Certificate in Veterinary Studies in Small Animal Practice (International) (C1101) take this unit first.

This unit is subject to quota. Quota is due to limited resources. Selection is by application only.

Evidence-based Practice (CHI385)

Credit Points: 2

MURDOCH: S2-internal

Evidence-based practice (EBP) combines best scientific evidence, clinical experience and patient values. This unit provides an opportunity to refine the student's ability to perform literature searches, critically review the literature and apply the evidence derived to relevant clinical scenarios. The unit recognises that health care is individualised and ever changing and involves uncertainties and probabilities. Students learn that EBP involves complex and conscientious decision making. This unit uses the Internet heavily to source information partly in dedicated computer laboratories.

Lectures: 2 hours per week; project work/seminars: 2 hours per week.

Prerequisites: Enrolment in BSc/BChiro and successful completion of Years 1 and 2 OR enrolment in the Bachelor of Sports Science and successful completion of Part I and CHI209/CHI2091 Biomechanics and Diagnostic Palpation Skills OR by special application to the Unit Coordinator.

Evolutionary Biology (BIO379)

Credit Points: 3

Not available this year

This unit is concerned with processes that drive evolution and which produce the diversity we observe in living organisms. It focuses on the theoretical basis of evolution and explores how evolution can be studied. Topics include: natural selection and microevolution, evolutionary strategies in survival and reproduction, speciation, patterns of macroevolution and mass extinction, biogeography, coevolution, the evolution of breeding systems and sexual selection.

The unit provides an understanding of evolution fundamental to those studying the biological sciences.

Prerequisites: BIO356 Genetics and Evolution.

Exercise Physiology I (EXS202)

As for EXS226 except:

Credit Points: 3

Not available this year

Exercise Physiology I (EXS226)

Credit Points: 4

MURDOCH: S1-internal

This unit focuses on five basic fundamentals of exercise physiology. Course material will be presented in both a lecture and laboratory series focusing on: 1) metabolism and exercise, 2) cardiovascular response to exercise, 3) pulmonary response to exercise, 4) the muscular system and movement, 5) hydration and thermoregulations, 6) VO₂max and fitness, and 7) enhancing fitness and health through physical activity.

Lectures: 2 hours; laboratories/workshops: 2 hours.

Prerequisites: BMS101 Introduction to the Human Body.

Exclusions: Student who have successfully completed CHI226 Exercise Physiology I may not enrol in this unit for credit.

Exercise Physiology II (EXS227)

Credit Points: 4

MURDOCH: S2-internal

This unit will discuss physiological responses to exercise and exercise training and detraining. This unit will incorporate physiological responses to exercise in special populations, special environments and in response to dietary supplements and changes in diet. The students' outcomes will address these responses from a molecular, cellular, tissue, organ and systems perspective, and will then integrate each of these levels to describe the overall changes occurring within the body. This unit will involve theory based presentations and practical lab demonstrations.

Lectures: 3 hours; laboratories/workshops: 2 hours

Prerequisites: CHI226/EXS226 Exercise Physiology I.

Exclusions: Student who have successfully completed CHI227 Exercise Physiology II may not enrol in this unit for credit.

Exercise Physiology II (EXS302)

As for EXS227 except:

Credit Points: 3

Not available this year

Exercise Physiology Practicum (EXS409)

As for EXS570 except:

Credit Points: 6

Not available this year

A result of Ungraded Pass or Fail is awarded for this unit.

Exercise Physiology Practicum (EXS570)

Credit Points: 12

MURDOCH: Y1-internal

The student will develop their 'hands on' training and experience within this unit. This unit will enable students to work alongside health professionals, and in particular, ESSA accredited Exercise Physiologists. This unit will enable the student to see the transfer of knowledge from the classroom into the workplace, with the specific emphasis being on the delivery of exercise to clinical populations. This unit is a year-long practicum unit.

Students must complete a minimum of 360 hours in a clinical setting in accordance with the Exercise and Sports Science Australia (ESSA) requirements. This will be arranged in consultation with the Unit Coordinator.

Prerequisites: CHI208/EXS208 Health, Fitness and Performance Assessment, CHI318/EXS318 Exercise Programming and Prescription, CHI227/EXS227 Exercise Physiology, CHI328/EXS328 Physical Assessment and Rehabilitation, CHI330/EXS330 Advanced Skills and Motor Control, CHI390/EXS390 Exercise Science Practicum.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Student who have successfully completed CHI570 Exercise Physiology Practicum may not enrol in this unit for credit.

Exercise Science Practicum (EXS390)

Credit Points: 4

MURDOCH: H-internal, Y-internal

Students will be able to experience the requirements of employment in an exercise physiology related workplace during practicum placements. Students will utilise knowledge and skills gained in previous years during supervised practicum in the area of exercise delivery for apparently healthy clients. Communication and professionalism skills will also be developed in this unit.

Seminar/workshop: 4 hours per week in Weeks 1 and 2 of Semester 1; 4 hours per week in Weeks 1 and 2 of Semester 2.

Practicum: A minimum of 140 hours to be completed over the duration of this unit.

Prerequisites: CHI225/EXS225 Principles of Strength and Conditioning and CHI208/EXS208 Sports and Health Assessment.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Student who have successfully completed CHI390 Exercise Science Practicum may not enrol in this unit for credit.

Exercise, Programming and Prescription (EXS303)

As for EXS318 except:

Credit Points: 3

Not available this year

Exercise, Programming and Prescription (EXS318)

Credit Points: 4

MURDOCH: S1-internal

This unit will build on previous study focused on client and athlete assessment. Students will learn how to develop exercise programs and prescriptions for health-related benefits in apparently healthy and low-risk individuals as well as individuals with various health conditions. Student will utilise knowledge and skills gained in previous years to design and implement individualised exercise and lifestyle programs.

Lectures: 2 hours; laboratories/workshops: 2 hours.

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Prerequisites: CHI208/EXS208 Health, Fitness and Performance Assessment

Exclusions: Student who have successfully completed CHI318 Exercise, Programming and Prescription may not enrol in this unit for credit.

Existence and Freedom (PHL201)

Credit Points: 4

MURDOCH: S2-internal, S2-external

If you had to live one day over and over forever, what would you do? Satisfying answers contend with issues that trouble everyone's life: as sense of home in a rootless world, anxiety against uncertainty, alienation in a crowded society, giving your own life meaning, freedom to break with your own past, and being in good faith with your own future. Our reading will take in 19th and 20th Century Existentialists, such as Dostoevsky, Nietzsche, Heidegger, Kafka, Camus, and Sartre.

Lectures/tutorials: 2.5 hours per week.

Prerequisites: Nil.

This unit will be offered in alternate years.

Existence and Freedom (PHL207)

As for PHL201 except:

Credit Points: 3

Not available this year

Experimental Physics and Nanotechnology (PEC363)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit will provide students with an excellent opportunity to gain hands on experience with advanced instrumentation used in Physics and Nanoscience/Nanotechnology. This includes experience in using a variety of surface science equipment, electron microscopes and scanning, tunnelling microscopy and atomic force microscopy. Students will also be taught various advanced technology used in the manufacture and purification of nanostructured materials.

Lectures: 1 hour per week; tutorials: 1 hour per week; laboratories: 4 hours per week for 10 weeks.

Prerequisites: PEC261 Applications of Nanotechnology.

Experimental Physics and Nanotechnology (PEN363)

As for PEC363 except:

Credit Points: 3

Not available this year

Extension to Veterinary Biology 1 (EQU031)

MURDOCH: S1-internal

This unit extends and consolidates the students' discipline specific study skills and understanding of VET240 Veterinary Anatomy, VET241 Veterinary Biochemistry and VET244 Veterinary Physiology.

Tutorials: 8 hours per week.

Prerequisites: This unit is restricted to Aboriginal and Torres Strait Islander students entering Veterinary Science through the Waardong program.

Extension to Veterinary Biology 2 (EQU032)

MURDOCH: S2-internal

This unit extends and consolidates the student's discipline specific study skills and understanding of VET212 Veterinary Anatomy II, VET243 Veterinary Physiology II, and VET242 Animal Systems.

Tutorials: 8 hours per week.

Prerequisites: This unit is restricted to Aboriginal and Torres Strait Islander students entering Veterinary Science through the Waardong program.

Extension to Veterinary Biology 3 (EQU033)

MURDOCH: S1-internal

This unit extends and consolidates students' discipline specific skills and understanding of VET340 Processes in Animal Disease, VET345 Veterinary Pharmacology and Chemotherapy and VET346 Nutritional Biochemistry and Animal Toxicology.

Tutorials: 8 hours per week.

Prerequisites: This unit is restricted to Aboriginal and Torres Strait Islander students who entered Veterinary Science through the Waardong program.

Extension to Veterinary Biology 4 (EQU034)

MURDOCH: S2-internal

This unit extends and consolidates students' discipline specific skills and understanding of VET344 Veterinary Parasitology, VET347 Veterinary Immunology and Molecular Genetics and VET341 Veterinary Microbiology.

Tutorials: 8 hours per week.

Prerequisites: This unit is restricted to Aboriginal and Torres Strait Islander students who entered Veterinary Science through the Waardong program.

Extension to Veterinary Biology 5 (EQU035)

MURDOCH: S1-internal

This unit extends and consolidates students' discipline specific skills and understanding of VET343 Veterinary Applied Pathology, VET345 Veterinary Pharmacology and Chemotherapy and VET442 Animal Systems III.

Tutorials: 8 hours per week.

Prerequisites: This unit is restricted to Aboriginal and Torres Strait Islander students who entered Veterinary Science through the Waardong program, and are in the third year of the veterinary course.

Extractive Metallurgy (EXM357)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit considers the principles and applications of hydrometallurgical and pyrometallurgical processing. The application of leaching, solution purification and metal recovery to the hydrometallurgical processing of metals, ores, and concentrates is covered. Pyrometallurgical processes such as roasting, smelting and refining are also examined. Application of thermodynamic and kinetic concepts, fluid dynamics and heat- and mass-transfer principles to extractive metallurgy are considered.

Lectures: 3 hours per week; laboratories/workshops: up to 4 hours per week.

External: Unit Study Guide provided. Internet access and compulsory 3-day on-campus laboratory session. Due to the nature of offering this unit students are recommended to seek

confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of each teaching period.

Prerequisites: CHE/PEC201 Thermodynamics and EXM224 Principles of Unit Operations, or enrolment in G1034 Graduate Diploma in Extractive Metallurgy.

Extractive Metallurgy I (ENG567)

Credit Points: 3

MURDOCH: S1-internal, S1-external

Covers high temperature metallurgical processes such as roasting, smelting and refining. The relevant unit processes are examined through consideration of: thermodynamics and kinetics of interactions which occur among individual phases (i.e. gases, solids, metals, mattes and slag), fluid dynamics, heat-transfer and mass transfer characteristics, different reactors and techniques used to carry out these processes. References to industrial practice for production of materials such as copper, nickel, zinc, lead, gold, aluminium, tin, silicon, iron and steel will be made.

Lectures: 3 hours per week.

Extractive Metallurgy II (ENG568)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit covers metallurgical processes taking place in an aqueous environment. It considers the principles and applications of leaching, solution purification and metal recovery to the hydrometallurgical processing of metals, ores, and concentrates. It also considers practical industrial processes, and discusses overall processes for the recovery of gold, copper, nickel, uranium etc. related to the Australian mineral industry.

Lectures: 3 hours per week.

Extractive Metallurgy Practicum (EXM506)

Credit Points: 3

MURDOCH: DE2-internal, DE2-external, S1B-internal, S1B-external

This unit combines hydrometallurgical and pyrometallurgical theory with practice. Leaching, solvent extraction, electrowinning, ion exchange, carbon-in-pulp gold processing, roasting, fire assay and mineralogical exercises will be completed. Students will experience working with pyrometallurgical and hydrometallurgical equipment. The application of thermodynamic and kinetic principles to extractive metallurgy will be emphasised, and students will learn how to use thermodynamic modelling software and interpret modelling outputs.

Students will be expected to spend significant time outside time-tabled sessions preparing for and reporting on time-tabled sessions.

Laboratories: 6 hours per week.

External: Internet access required and compulsory 15-day on-campus laboratory and workshop session. Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Co-ordinator closer to the commencement date of the teaching period.

Prerequisites: Enrolment in Graduate Diploma Extractive Metallurgy and concurrent enrolment in EXM556 Process Mineralogy and EXM557 Extractive Metallurgy.

Exclusions: Students who have completed both EXM357 Extractive Metallurgy AND EXM358 Pyrometallurgy are excluded from the unit.

Facilitating Lifelong Learning (EDN540)

Credit Points: 6

MURDOCH: S1-internal, S1-external

Promotes an understanding of what facilitates adult and lifelong learning in education and work. Students develop knowledge and skills for reflective professional practice and action research. Cognitive and sociocultural approaches to understanding learning and motivation are introduced as the conceptual basis for designing effective instruction, mentoring, team work, course evaluation and assessment of learning. Case studies of innovative teaching/learning or assessment practices are examined. In the 6-point version, students also focus on their professional development as adult educators.

Internal: 6 contact hours in total: Lectures: two 1 hour; workshops: two 2 hours.

External: No attendance required. Some on-campus meetings will usually be available.

Prerequisites: Nil.

Exclusions: Students who have successfully completed E246/E2461 Facilitating Lifelong Learning may not enrol in this unit for credit.

Students enrolled in the Graduate Certificate in Tertiary and Adult Education or the Graduate Diploma in Education (Tertiary and Adult) must enrol in the 6-point version of this unit.

Family Law (LAW370)

Credit Points: 4

MURDOCH: S2-internal

This unit introduces students to the state and federal laws that regulate the formation and dissolution of legal and de facto marriages and which assist in resolving ancillary disputes. Topics covered include: marriage, divorce, parentage, parenting disputes, property settlement, child support, spousal maintenance and the role of primary dispute resolution in family law. In particular, we consider in detail the interpretation of the most important aspects of the Family Law Act 1975 (Cth).

36 hours per semester (this may be 3 hours per week but alternatively may be spread across the semester in irregular intensive blocks).

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract, LAW259 Constitutional Law and LAW253 Property.

Family Law (LLB370)

As for LAW370 except:

Credit Points: 3

Not available this year

Family Law Clinic (LAW386)

Credit Points: 4

MURDOCH: S1-internal (quota of 6 places), S2-internal (quota of 6 places)

This unit is a clinical legal education unit which allows students to put their legal knowledge into practice within an active community based family law practice. Students will interview clients, research and formulate advice and assist the client in mediation and other legal processes all under the close supervision of our family law practitioners.

Weekly attendance at the clinic and seminar program, to be arranged with Course Coordinator.

Please contact the Unit Coordinator for further information.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System (mandatory) and LAW390 Clinical Legal Education (preferable).

Family Law Clinic (LLB386)

As for LAW386 except:

Credit Points: 3

Not available this year

Festivals and Events (TOU212)

Credit Points: 4

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

KAPLAN-SGP: TMA-internal

Festivals and events have a particular 'place' in the life of the community, state or country. They serve diverse purposes from community development, religious and leisure activities through to economic development and tourism marketing. From a local street fair to the Olympics, festivals and events all mean something to people, they are part of the arts and culture. This unit will explore the 'place' of festivals and events historically and how they are used in contemporary societies.

Lectures/tutorials: 3 hours. Note: lectures may be streamed using Lectopia.

Prerequisites: Nil.

Festivals and Events (TOU232)

As for TOU212 except:

Credit Points: 3

Not available this year

Film and Philosophy (PHL214)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Philosophy teaches the critical and analytical skills that are important in the study of media, and so adds to our practical understanding of the frameworks that shape our societies. Filmmakers, like philosophers, play a vital role in the way that contemporary culture and society develop and change. Both cinema and philosophy raise questions about the representation of the human condition. Through critical analysis of filmic texts, students will learn to question concepts and develop ways of understanding culture and society.

Lectures/tutorials: up to 3 hours per week; film screening: 2 hours per week.

Prerequisites: Nil. This unit is intended to be accessible to students from all disciplines.

Film and Philosophy (SCR202)

As for PHL214 except:

Credit Points: 3

Not available this year

Finance Law (BSL201)

As for BSL206 except:

Credit Points: 3

Not available this year

Exclusions: Students who have previously completed C210 Banking Law or BUS206 Finance Law may not enrol in this unit for credit.

Finance Law (BSL206)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit examines areas of particular relevance to the finance and banking industries. Topics studied include key Australian financial system regulators, fundraising by issue and sale of securities, managed investment schemes, loan finance, regulation of consumer credit, debenture and note finance and takeovers. Regulation of financial services and markets and the financial services licensee/client relationship are also a focus.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS165 Principles of Commercial Law.

Exclusions: Students who have previously completed C210/BUS206 Banking Law may not enrol in this unit for credit.

Finance Law (BUS206)

Credit Points: 4

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TMA-internal

SGP1: TMB-internal

This unit examines areas of particular relevance to the finance and banking industries. Topics studied include key Australian financial system regulators, fundraising by issue and sale of securities, managed investment schemes, loan finance, regulation of consumer credit, debenture and note finance and takeovers. Regulation of financial services and markets and the financial services licensee/client relationship are also a focus.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS165 Principles of Commercial Law.

Financial and Environmental Management (ENG456)

Credit Points: 3

Not available this year

Financial Management Decision Making (MBS536)

Credit Points: 3

MURDOCH: S1-internal

Any organisation needs sound financial management of its working capital and productive assets in order to create value and organisational agility consistent with organisational strategy. Budgeting is an important component of financial management establishing clear financial goals and providing a benchmark for judging financial performance. This unit takes an interdisciplinary approach that includes both Management Accounting and Corporate Finance concepts to introduce students to a range of topics designed to enhance their skills in planning, control and decision-making.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Financial Management in Health Care (SHP639)

Credit Points: 3

MURDOCH: S1-external

This unit is designed to foster knowledge and understanding of concepts, principles and practices of health care funding and how this translates to financial management in a range of health care settings. Students will develop an understanding of effective and practical approaches to financial management and how this is linked to organisational strategy and sustainability. The unit explores financial management in healthcare at the strategic funding level, the organisational level and at the manager level.

External: No attendance required

Prerequisites: Enrolment in a postgraduate course.

Exclusions: Students who have successfully completed NUR639 Financial Management in Health Care may not enrol in this unit for credit.

Financial Management, Mineral Resources and Environment (CHE459)

Credit Points: 6

MURDOCH: S1-internal

The unit will cover origin and mineralogical characteristics of ore types; techniques of mining, resource and reserve estimation, feasibility studies; review the minerals industry and metal markets; environmental management; heritage studies; and provide opportunities for developing communication, information access and teamwork skills. This unit will provide elementary understanding of financial management, interpretation of financial statements, estimation of income, capital and operating costs, estimation of real after-tax cash flows, ranking of alternative investment proposals utilising DCF techniques and sensitivity analyses.

Lectures: 3 hours per week; workshop/laboratories: 2 hours per week.
Internet access required.

Prerequisites: CHE130 Introduction to Earth Sciences or permission of the Unit Coordinator.

Exclusions: Students who have successfully completed M254 Mineral and Energy Resources may not enrol in this unit for credit. Students who have successfully completed both EXM225 Financial Management and Process Economics and EXM355 Mineral Resources and Environment may not enrol in this unit for credit. Students who have completed one of EXM225 Financial Management and Process Economics and EXM355 Mineral Resources and Environment should contact the Academic Chair.

Fluid Mechanics (ENG201)

Credit Points: 3

Not available this year

This unit addresses the application of conservation laws, continuity, momentum and energy balances. Fluids statics, Bernoulli equation, pipe flow. Experimental techniques, viscosity, flow measurement, pumps. The unit covers Non-Newtonian behaviour, solids characterisation, drag, settling and flow, and packed bed and fluidisation.

Food: Media Culture (MCC284)

Credit Points: 4

Not available this year

This unit introduces students to a range of approaches to the study of food. Students will gain practical skills in assessing the role of media in driving public discussion of food issues. Students will have the opportunity to focus on a project of their choice.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Forensic Anatomy and Anthropology (BMS202)

Credit Points: 4

MURDOCH: S1-internal

This unit focuses on aspects of skeletal and regional anatomy of the human body that are central to forensic science. Topics include human evolution, human anatomy, and the changes associated with death and decomposition. Practical applications include the determination of age, sex, ancestry, pathology and trauma. Practical classes include a mammalian musculoskeletal and regional dissection as well as hands-on experience with the measurement and analysis of human skeletal and soft tissue components.

Lectures: 2 hours per week; workshops: 2 hours per week, practicals: 4 hours per week.

Prerequisites: BMS101 Introduction to the Human Body or ANS102 Introduction to the Animal Body

Forensic Anatomy and Anthropology (BMS213)

As for BMS202 except:

Credit Points: 3

Not available this year

Forensic Data Analysis (ICT349)

Credit Points: 4

MURDOCH: S1-internal, S1-external

KAPLAN-SGP: TMA-internal

SGP1: TJB-internal, TMB-internal

The increase in cyber crime requires IT security professionals to have a deeper understanding of the complex technical features of a cyber forensics examination and database security. Topics include: file analysis, operating system security, database security and auditing, and examination and analysis of digital evidence found in larger datasets. Apply the theory gained to a hypothetical cyber crime scenarios during the workshop investigation projects.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: ICT218 Databases or ICT248 Cyber Forensics.

Students who have successfully completed ICT228 Special Topics in Information Technology: Cyber-Forensics have satisfied this prerequisite.

Forensic DNA Analysis (BIO313)

Credit Points: 4

MURDOCH: S1-internal

Provides advanced theoretical and practical training in DNA-profiling techniques relevant to forensic science. Includes mitochondrial DNA analysis and its applicability to identifying disaster victims, and the application of DNA-marker technologies to wildlife forensics and ancient DNA analysis. The use of short tandem repeats (STR; DNA-profiling), quantitative PCR and

mitochondrial DNA sequencing as well as single nucleotide polymorphisms (SNP) and Y-chromosome analysis in identifying perpetrators of crime will be explored in the content of actual forensic cases.

Lectures/workshops: 3 hours per week; laboratories: 4 hours per week.

Prerequisites: BIO202 Molecular Biology I or BIO212 Genetic Engineering.

Exclusions: Students who have successfully completed BIO373 Forensic Investigation may not enrol in this unit for credit.

Forensic DNA Analysis (BIO359)

As for BIO313 except:

Credit Points: 3

Not available this year

Forensic Toxicology (BIO314)

Credit Points: 4

MURDOCH: S2-internal

This unit integrates the history of forensic toxicology with the biochemistry, chemistry and pharmacology of the area and illustrates it with case histories centred on victims, villains and scientists. Training is provided in the practical application of analytical chemistry techniques to the determination of drugs, alcohol and other organic/inorganic toxins in body fluids and contaminated products within a forensic framework. Techniques studied include: high performance liquid chromatography, gas chromatography, nuclear magnetic resonance, anodic stripping voltammetry and mass spectrometry.

Lectures/workshops: 3 hours per week; laboratories: 4 hours per week for 4 weeks.

Prerequisites: CHE/PEC240 Chemical Analysis; BIO270 Biochemistry 1 or BMS261 Human and Comparative Biochemistry; successful completion of, or concurrent enrolment in, CHE/ PEC340 Instrumental Analysis.

Exclusions: Students who have successfully completed BIO373 Forensic Investigation may not enrol in this unit for credit.

Forensic Toxicology (BIO367)

As for BIO314 except:

Credit Points: 3

Not available this year

Foundational Mathematics for Business (BUS130)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

This unit aims to show students how quantitative analysis facilitates personal and corporate financial decisions by focusing on financial mathematics to value debt and equity securities. The valuation process considers the respective security's cash flows, time value of money and the associated risk. The unit introduces techniques used to collect, calculate, and interpret information used as the basis for pricing mortgage loans, evaluating superannuation performance and quantifying and selecting investment alternatives.

Lectures: 2 hours per week; workshops: 2 hours per week

Exclusions: Students who have successfully completed BUS140 Principles of Finance and Banking may not enrol in this unit for credit.

Foundations of Accounting (BUS170)

As for BUS160 except:

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Exclusions: Students who have successfully completed BUS160 Introduction to Accounting may not enrol in this unit for credit.

Foundations of Business Law (BSL165)

As for BUS165 except:

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Exclusions: Students who have completed BUS165 Principles of Commercial Law may not enrol in this unit for credit.

Foundations of Cell and Molecular Biology (BIO152)

Credit Points: 3

MURDOCH: S2-internal

This unit introduces components of cells, their synthesis, function and control mechanisms; demonstrates the integrated, controlled nature of the normal cell; and develops both manual and conceptual skills in biology. Topics: cell ultrastructure; proteins; enzymes; membranes; energy metabolism; oxidative phosphorylation; electron transport chains; photosynthesis; structure of DNA; transcription and the role of RNA in the cell; the genetic code; translation and the role of ribosomes; gene control; DNA synthesis; chromosomes and mitosis; meiosis; introduction to Mendelian genetics and cell specialisation.

Lectures: 3 hours per week; laboratories: 6 x 3 hour sessions per semester; workshops: 5 x 1 hour sessions per semester.

Prerequisites: A thorough knowledge of WACE Stage 3 Chemistry is assumed. Students who did not achieve a WACE course score of more than 60% in Stage 3 Chemistry (3A/3B) within the three years immediately preceding enrolment are required to pass CHE140 Introduction to Chemistry before enrolling in this unit.

Exclusions: Students who have successfully completed BIO152 Cell Biology cannot enrol for credit in this unit.

Foundations of Chemistry (CHE144)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This unit provides a foundation in the principles of general chemistry relevant to the study and practice of a range of scientific disciplines. Topics include: molecular structure, solubility, solution chemistry (including colligative properties and equilibrium), thermodynamics, reaction kinetics, organic compounds and concepts related to the interaction of radiation with matter. The laboratory component facilitates practical application of major principles and the development of safe laboratory practices.

Lectures/tutorials/workshops: a total of 4 hours per week; laboratories: 3 hours per week for 8 weeks.

External: compulsory attendance at a 4-day on-campus laboratory session.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to commencement of the teaching period.

Prerequisites: A thorough knowledge of WACE Stage 3 Chemistry is assumed. Students who did not achieve a WACE final scaled score of more than 50 percent in Chemistry 3A/3B within the three years immediately preceding this enrolment are required to pass CHE140/PEC140 Introduction to Chemistry before enrolling in this unit.

Exclusions: Students who have successfully completed PEC114 Chemistry for Biological Sciences, PEC115 Chemistry for Environmental Sciences, PEC116 Chemistry for Physical Sciences, or PEC144 Chemical Principles may not enrol in this unit for credit.

Foundations of Computer Systems (ICT170)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit introduces students to the fundamentals of computer systems and how they underpin the IT infrastructures supporting enterprise processes. Topics include digital logic, memory, storage, processing paradigms, operating systems, programming languages, systems development and deployment. Students will acquire understanding of a computer system's functional components, their characteristics, performance, interactions and use in IT, plus an appreciation of the role of the IT professional in designing and developing IT systems, and the organisational and social contexts in which these operate.

Lectures: 2 hours per week; Computer Laboratories: 2 hours per week.

Prerequisites: Nil.

Exclusions: Students who have previously completed ICT107 Principles of Information Systems may not enrol in this unit for credit.

Foundations of Data Communications (ICT169)

Credit Points: 3

MURDOCH: S2-internal, S2-external

The Internet is now the most important communications network across the globe. The operation of these networks is transparent to users; this unit will provide an understanding of the Internet's underlying architecture, addressing, data transport and governance. Students will learn how to configure real network routers, troubleshoot network connectivity problems and implement firewalls. This unit will cover significant portions of the globally recognised Cisco CCNA Certification Curriculum.

Lectures: 2 hours per week; computer laboratories: 2 hours per week.

Prerequisites: Nil.

Exclusions: Students who have previously taken ICT103 Introduction to Data Communications may not enrol in this unit for credit.

Foundations of Discrete Mathematics (MAS162)

As for MAS167 except:

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Exclusions: Students who have successfully completed MAS167 Computational Mathematics cannot enrol in this unit for credit.

Foundations of Economics (BUS171)

As for BUS161 except:

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, SUM-internal

ROCKINGHAM: S1-internal

Exclusions: Students who have successfully completed BUS161 Introduction to Economics cannot enrol for credit in this unit.

Foundations of Management and Governance (BUS176)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ROCKINGHAM: S2-internal

This unit provides an introduction to theories and practices of management and governance - both political and corporate. Through research, writing, analysis and oral presentations students understand how governance structures operate within businesses, government and non-government organisations. Topics include politics and public policy contexts, regulatory frameworks, network governance, ethics, planning, decision making, contemporary management challenges, leadership, motivation, governance structures and practice.

Lectures: 2 hours per week; tutorials: 2 hours per week

Exclusions: Students who have successfully completed BUS145 Principles of Management may not enrol in this unit for credit.

Foundations of Marketing (BUS183)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This unit provides an appreciation of how marketing relates to business, society and government. As the base Marketing unit, it introduces students to the marketing organisation and planning process, marketing research and information gathering methods and some of the analysis tools marketers use. Unit topics include the marketing function, the marketing organisation, marketing information systems and buyer behaviour - offline and online. The unit describes the importance of marketing to the strategic planning of an organisation.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Exclusions: Students who have successfully completed C213/TOU213 Tourism Marketing or BUS169 Principles of Marketing may not enrol in this unit for credit.

Foundations of Programming (ICT159)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit introduces key aspects of Computer Programming including data storage and manipulation, and problem solving using a high-level programming language. Topics include: algorithms and problem solving; testing methodologies; fundamental aspects of a programming language including data types, input/output, simple selection and iteration control structures, procedural and data abstraction, one-dimensional structures; and introduction to Object-Oriented programming.

Lectures: 2 hours per week; Computer Laboratories: 2 hours per week

Exclusions: Students who have completed ICT102 Introduction to Computer Science may not enrol in this unit for credit.

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Foundations of the Environment (ENV102)

Credit Points: 3

MURDOCH: S2-internal, S2-external

Environmental science is a problem-oriented, multidisciplinary field that attempts to assess environmental problems scientifically. This unit acquaints the students with the broad principles and methodology of environmental science. The nature of environmental systems and the methods used to learn more about them are introduced. The interrelations between land uses and geomorphology, soils, climate, plant communities, wetlands, rivers and estuaries and their interaction with humans are examined from an integrated, problem-solving perspective.

Lectures: 3 hours per week; laboratories: 20 hours per semester including field work; tutorials for internal students: 4 x 1 hour sessions per semester.

External students should note that this unit has a four day on-campus component. To find out about the lab and tutorial attendance dates students should refer to the Unit Information handout provided during the first week of the teaching period. Due to the nature of offering this unit, students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: Nil.

Exclusions: Students who have successfully completed ENV102 Introduction to Environmental Science may not enrol in this unit for credit.

Foundations of Vertebrate Form and Function (BMS107)

Credit Points: 3

MURDOCH: S2-internal

The unit addresses the mechanisms by which vertebrates carry out essential life processes: how they maintain homeostasis (e.g. thermal, ionic and water), are metabolically active (use oxygen and nutrients, produce carbon dioxide and wastes, and synthesise complex molecules), and respond to stimuli (nervous system, sense organs and mechanisms of locomotion). The accompanying practical sessions examine the structure and function of the vertebrate body at three levels of organisation: an introduction to histology, organs and organ systems, and overarching physiological processes.

Lectures/tutorials: 3 hours per week; laboratories: 3 hours per week.

Prerequisites: Nil. BMS101 Introduction to the Human Body or ANS102 Introduction to the Animal Body are strongly recommended as precursor units.

Exclusions: Students who have successfully completed BMS107 Principles of Vertebrate Physiology may not enrol in this unit for credit.

From University to Workplace (TLC277)

Credit Points: 4

MURDOCH: S2-internal

Provides theoretical and practical knowledge to enhance students' career development and their transition to the culture of the workplace. As members of the local and global community, students are introduced to how large and small organisations recruit, select and retain personnel. Examine relevant concepts and workplace policies and practices, including significant industry input. The practical component complements the theoretical, develops skills and confidence to enhance employment prospects, and provides strategies for utilising the knowledge and skills gained at university.

Lectures: 1 hour per week; workshops/tutorials: 2 hours per week. Workshops and projects will be discipline-oriented.

Prerequisites: Nil. Preference for enrolment will be given to undergraduate students who have indicated their intention to graduate in the current year.

From University to Workplace (TLC277)**As for TLC277 except:**

Credit Points: 3

MURDOCH: S2-internal (closed)

Students requiring a comprehensive job application portfolio and in-depth research of employment opportunities should enrol in the 4-point unit (TLC277 From University to Workplace).

Fundamentals of Chemistry (CHE140)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Chemistry concepts are an important part of understanding many biological, marine and environmental processes. This unit introduces fundamental chemistry concepts to prepare students for further studies in chemistry or such disciplines as indicated above. Topics include atomic and molecular structures, states of matter, chemical symbols and equations, simple reaction types, the mole concept, valency, periodicity, bonding, chemical stoichiometry, gas laws, concentration, chemical equilibrium, kinetics, acids and bases, pH, titrations, redox reactions, organic nomenclature, properties of hydrocarbons, alcohols and carboxylic acids.

Lectures/workshops/tutorials: a total of 5 hours per week; laboratories: 3 hours per week for a maximum of 5 weeks. Externals: compulsory attendance at a 2-day on-campus laboratory session.

Due to the nature of this unit, external students are recommended to seek confirmation of exact attendance dates and requirements from the Unit Coordinator closer to commencement of the teaching period.

Prerequisites: This unit is for students with a limited background in chemistry. Students with a final scaled score of more than 60% in Chemistry 3A/3B or TEE Chemistry within the past three years may be excluded from the unit.

Exclusions: Students who are currently enrolled in or who have successfully completed CHE144/PEC144 Chemical Principles may not enrol in this unit for credit. Students who have successfully completed PEC140 Introduction to Chemistry cannot enrol for credit in this unit.

Completion of this unit will enable students to enrol in CHE144/PEC144 Chemical Principles. Local conditions govern the laboratory component in the KAPLAN-SGP offering.

Fundamentals of Computer Systems (ICT106)

Credit Points: 3

DUBAI-ISC: TJD-internal, TMD-internal

This unit provides an overview of the hardware and software of computer systems and introduces a number of important topics in computer science: overview of computer system architecture; computer memory, information representation and storage; execution of instructions including ALU, registers, instruction sets, fetch/execution cycle, addressing modes; concepts of software and hardware interrupts, introduction to operating system principles -- process management, memory management and file management; arduino and C language programming.

Lectures: 2 hours per week; tutorials: 2 hours per week.

Prerequisites: ICT102 Introduction to Computer Science.

Fundamentals of Mathematics (MAS164)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Preparatory mathematics unit intended for students who have insufficient background for other units, in particular MAS167 Computational Mathematics, MAS182 Applied Mathematics and BUS208 Quantitative Methods for Business and Economics. Topics: algebra; polynomials, exponential and logarithmic functions and their graphs; matrices; basic concepts of differential and integral calculus and applications.

Lectures/tutorials/workshops: 5 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed a mathematics unit of the standard of TEE Calculus or higher may not enrol in this unit. Students may not enrol in this unit and either MAS161 Calculus and Matrix Algebra or MAS182 Applied Mathematics concurrently.

Game Development (ICT371)

Credit Points: 3

Not available this year

Games Art (GAD261)*As for MCC261 except:*

Credit Points: 3

Not available this year

Games Art (MCC261)

Credit Points: 4

MURDOCH: S1-internal

This unit extends students knowledge in art and design theory and production in relation to games art. The unit will focus on putting theory into practice, requiring students to explore and visualise concepts and then generate sophisticated game-ready assets.

Online lecture; media laboratories: 3 hours per week (1 hour unsupervised).

Prerequisites: MCC154 Introduction to Games Art and Design; AND MCC118 Visual Communication; AND MCC164 3D Modelling.

Games Design and Programming (ICT207)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit covers introductory games design and programming from a theoretical and practical point of view. It includes Games Design, Object Oriented design, and testing. Further work covers non-linearity, gameplay, gamebalance, game documentation, code management and intelligent agents. Practical rules for writing games programs are developed and applied.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: B209/ICT209 Data Structures and Abstractions. Students are encouraged to complete ICT215 Computer Graphics Principles and Programming prior to taking this unit.

Students intending to enrol in external mode should consult the Unit Coordinator. Major assignments are group work-based.

Games Design and Programming (ICT290)*As for ICT207 except:*

Credit Points: 3

Not available this year

Games Design Studio (GAD375)*As for MCC375 except:*

Credit Points: 3

Not available this year

Games Design Studio (MCC375)

Credit Points: 4

MURDOCH: S1-internal

Students combine their prototyping skills and game design knowledge to develop and test original games for a wide variety of real-world settings targeting several different platforms. The prototypes developed could engage several genres, from serious and educational to casual and hardcore games.

Online lecture; media laboratories: 3 hours per week (1 hour unsupervised).

Prerequisites: MCC232 Video Games Studies and MCC218 Web Games and Design.

Games Development (ICT309)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit focuses on game development using advanced game development tools and environments. Topics covered include storytelling in games, character design and level design; design patterns and framework for games; game architectures; overview of programming framework for console game development; elements of serious games.

Further topics may include overview of mobile game development and networked game development.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: ICT207 Games Design and Programming.

Games Project (GAD362)*As for MCC362 except:*

Credit Points: 3

Not available this year

Games Project (MCC362)

Credit Points: 4

MURDOCH: S2-internal

This final Games Art and Design unit provides an opportunity for students to engage in sustained creative project work. The unit will enable students to acquire practical experience in the development of a final games project from concept to production in a team environment.

Lectures: 1 hour per week; laboratories: 3 hours per week.

Prerequisites: MCC232 Video Games Studies; MCC218 Web Games Design and Production; and either MCC261 Games Art or MCC375 Games Design Studio.

Games Software Design (ICT241)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit addresses issues in the design of electronic games software including elements of games creation, gameplay and game concepts. The foundation material is complemented by exposure to issues associated with the creation of interactive media. Topics include design process, creative play, player motivation, environment and interface design, game-balancing, character design and design documentation.

Lectures: 2 hours per week; tutorials: 1 hour per week. (1 hr unsupervised)

Prerequisites: Nil.

Games Software Design (ICT288)*As for ICT241 except:*

Credit Points: 3

Not available this year

Games Software Production (ICT245)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit addresses the issues associated with the highly complex task of creating and publishing electronic games. Topics include budgeting, team roles and responsibilities, group dynamics, design documentation and project management and evaluation. Students will apply the theoretical aspects of the unit using various scripting environments to create games in a team environment.

Lectures: 2 hours per week; tutorials: 1 hour per week. (1 hour unsupervised)

Prerequisites: ICT101 Introduction to 3-D Graphics and Animation AND ICT104 Principles of Computer Science.

Games Software Production (ICT367)

Credit Points: 3

Not available this year

Games Technology Project (ICT313)

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This unit gives students a 'real-world' experience of games development by applying project management principles together with the skills developed during their degree. Teams manage their project through all stages of project development, culminating with a presentation of the project. Students gain practical experience in system planning, design and development, project coordination and team management, and communication with project clients and users. Students are expected to enrol in this unit in their final semester.

Lectures: 2 hours per week; Supervised Group Meetings: 1 hour per week; Client and Team Meetings: as required

Prerequisites: Either ICT309 Software for Games Development and ICT311 Advanced Games Design and Programming and ICT219 Intelligent Systems OR ICT241 Games Software Design and ICT245 Games Software Production.

Gender and Development (SWM637)

Credit Points: 3

MURDOCH: S1-internal

Gender equality is a mainstreamed development goal. Students in this unit gain a sophisticated understanding of the gender and sexuality dimensions of development, including: access to income, credit and services; intra-household dynamics; gender-based violence; HIV/AIDS prevention; women's empowerment, and gender mainstreaming itself. There is a strong focus on the politics of different theoretical approaches to gender and development, and their links to policy and practice in different institutional settings.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Exclusions: Students who have successfully completed POL613 Gender and Development may not enrol in this unit for credit.

Gender in Asian Societies (AST558)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit examines the role and status of men and women in Asian societies. It considers representations of the masculine and feminine from traditional culture to contemporary society. Emphasis will be placed on the implications for men and women of current social and economic changes in the region including government policies affecting reproduction and the family, women's involvement in subsistence agriculture, industry and the development process. Autobiography and film will be used to supplement anthropological and sociological studies.

Internal: Seminars: 3 hours per week.

External: Lectures: 1 hour; films: 1 hour; online discussions.

Prerequisites: Enrolment in graduate studies (AQF Level 8 or Level 9) or permission of the Unit Coordinator.

General Physics (PEN120)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This is an introductory physics unit, designed to provide a basis for further studies in the physical sciences. It covers a range of topics including measurement, motion, waves, light, energy and electric fields. This unit does not require knowledge of calculus. Applications and examples are drawn from the biological, environmental, medical and physical sciences.

Lectures: 2 hours per week; tutorials/laboratories: 2 hours per week.

Prerequisites: Nil. Mathematics 3C/3D or MAS164 Fundamentals of Mathematics are strongly recommended. MAS164 Fundamentals of Mathematics may be taken concurrently.

Exclusions: Students who have successfully completed PEC/PEN152 Principles of Physics or PEC120 General Physics or M150 Physics 1A and M151 Physics 1B may not enrol in this unit for credit.

Students without Year 10 Science should consider completing PEC100 Preparatory Science prior to PEC120.

General Small Animal Practice (VET461)

Credit Points: 3

MURDOCH: S2-internal

This unit comprises lectures and practical classes covering the common aspects of small animal practice, including consulting skills. Topics covered will include behaviour, dentistry, basic nutrition, vaccination and disease prevention, dermatology and the diseases of pocket pets.

Lectures: 48 hours; laboratories: 9 hours per student.

Prerequisites: Enrolment in Applied Veterinary Medicine; VET345 Veterinary Pharmacology; VET343 Veterinary Diagnostic Pathology; VET442 Animal Systems III; VET429 Professional Life III.

Genetic Engineering (BIO212)

Credit Points: 4

MURDOCH: S1-internal

Covers the technology used to genetically engineer plants, animals and micro-organisms. Introduction to the basics of genomes and techniques used for the introduction of genes into micro-organisms, plants and animals. Topics include: genome organisation and replication; gene expression; genomics; bioinformatics and techniques used for isolating genes; analysis of gene expression; applicability of genetic engineering to protein production; engineered animals as models for understanding disease; creation of plants with improved nutritional qualities and disease resistance; regulation of genetic engineering.

Lectures: 3 hours per week; laboratories: 4 hours per week.

Prerequisites: BIO152 Cell Biology.

Exclusions: Students who have successfully completed BIO302 Molecular Biology II or ANS252 Animal Molecular Biology may not enrol in this unit for credit.

Genetic Engineering (BIO248)*As for BIO212 except:*

Credit Points: 3

Not available this year

Genetics and Evolution (BIO356)*As for BIO372 except:*

Credit Points: 3

Not available this year

Genetics and Evolution (BIO372)

Credit Points: 4

MURDOCH: S2-internal

This unit introduces the disciplines of genetics and evolutionary biology, focusing on eukaryotic organisms. The main aim is to promote an understanding of fundamental genetic concepts and evolutionary processes and their implications for those studying the biological sciences. Activities will develop analytical and problem-solving skills. Topics include: cytogenetics, patterns of inheritance, population genetics, quantitative genetics, microevolution, speciation and macroevolution. The unit will also examine some practical applications of genetic and evolutionary data.

Lectures: 3 hours per week; practicals/workshop: 4 hours per week.

Prerequisites: BIO152 Cell Biology and either MAS183 Statistical Data Analysis and Databases or MAS182 Applied Mathematics or MAS184 Biostatistics and Information Retrieval.

Exclusions: Students who have successfully completed BIO369 Evolution and Conservation/Evolutionary Biology may not enrol in this unit for credit.

Gifted Students with Diverse Learning Needs (EDN506)

Credit Points: 3

MURDOCH: S1-external

This unit aims to develop understanding of the needs of gifted students who have additional exceptionalities that impact on their education and social and emotional development. Such exceptionalities may include physical disabilities, emotional or behavioural problems, learning disabilities, attention deficit or executive functioning problems, autism spectrum disorders. These co-existing conditions can be difficult to identify within the gifted population. This unit will address a range of educational strategies to provide successful learning experiences for these children.

Online: 4 hours per week.

Prerequisites: Enrolment in the Graduate Certificate in Gifted and Talented Education, or a Masters or Doctoral degree in Education, or permission of the Unit Coordinator.

Exclusions: Students who have previously enrolled in and successfully completed EDN411 Special Topics in Education: Gifted Students with Diverse Learning Needs may not enrol in this unit for credit.

GIS for Environmental Management and Planning (ENV203)

Credit Points: 4

MURDOCH: S2-internal, S2-external

A hands-on introduction to geographical information systems (GIS) and remote sensing as used in environmental management and planning. This course encourages spatial thinking and understanding of the physical and human environments, explores geographic data sources and focuses on basic skills in spatial data analysis. Topics: data sources, spatial data analysis, map construction, GPS, image classification, change detection, cartographic modelling and demographic data sets and analysis. Practical work includes exercises and a minor team-based or individual research project.

Lectures: 2 hours per week; laboratories: 3 hours per week.

Prerequisites: Completion of 24 points at Part I.

Graduate, Postgraduate Honours students and Undergraduate students intending to enrol in the four year Bachelor of Environmental Science should enrol in the higher-level code for this unit except where the course structure states otherwise. Off-campus students must have access to suitable computing facilities.

GIS for Environmental Management and Planning (ENV303)*As for ENV203 except:*

Credit Points: 3

MURDOCH: S2-internal, S2-external

Global and Regional Sustainability (ENV212)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Rapidly growing population, the spread of cities, the energy crisis, global warming, deforestation, desertification, the loss of species and toxic chemicals are examples of global environmental challenges with a social and economic basis that invite regional solutions. This unit will provide a global and regional perspective on the interconnections between these concerns; their solution in a sustainable development framework; and the role of technology, community values and global and regional sustainability institutions in managing our future.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Global and Regional Sustainability (ENV245)*As for ENV212 except:*

Credit Points: 3

Not available this year

Global Engagement (SSH208)

Credit Points: 4

MURDOCH: ASP2-internal, H1-internal

This unit is designed for students undertaking exchange or an international academic placement. The benefits of an international academic experience are well known, but are significantly enhanced when the experience is supported as an academic and intercultural learning opportunity. This unit comprises two intensive phases, before exchange and on return, and includes assessed reflection exercises undertaken while overseas. The teaching focus will be on guided reflection and facilitated experiential learning. Outcomes will include enhanced cross-cultural awareness and competence.

Total 30 to 33 class contact hours:

Pre-departure, six 3-hour sessions (2 sessions per day), over 3 days (18 hours).

Return, five 2- to 3-hour sessions (2 sessions per day), over 3 days (12 to 15 hours).

Required online contact via blog or LMS.

Prerequisites: Enrolment for study abroad or exchange, or another unit with an overseas component, with acceptability verified by student's Academic Chair. The unit can be taken by students on exchange for either one or two semesters. This unit may only be taken by students who are undertaking outbound exchange or study abroad while undertaking a degree at an Australian university.

Students departing with the intention of staying for a full year will be enrolled in SSH208-02 for 2 points for each teaching period. Students must attend pre-departure and re-entry workshops on campus. Exact dates and times will be available after enrolment. This unit will be suitable as a general elective for all students studying internationally as part of their course.

Global Governance and International Institutions (SWM636)

Credit Points: 3

MURDOCH: S2-internal

This unit explores the nature of global governance since World War II, the impact of globalisation, the role of state and non-state actors, and the dynamic governance functions of international organisations. It considers human rights, environmental and economic issues alongside the international regimes that regulate them, and the changing interpretations of sovereignty, security and

development within a contentious global order. Students examine how and why international institutions may be more or less responsive to different global governance reform pressures.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Exclusions: Students who have successfully completed POL606 States, Governance and Globalisation may not enrol in this unit for credit.

Global Media: Asia-Pacific Perspectives (MCM682)

Credit Points: 6

MURDOCH: S2-internal

This unit explores the dynamics of the political, economic, cultural and social impacts of the global media from an Asia-Pacific perspective. It discusses the key functions of the global media industry and institutions, media content and discourse, as well as media markets and consumption in a number of key Asia-Pacific nation-states, including Australia, China and Singapore. Students will engage with current issues, themes and debates about the global media, from a Western and a non-Western perspective.

Seminars: 3 hours per week during teaching weeks, plus additional seminar/s during teaching or non-teaching weeks, schedule permitting. Details to be provided at commencement.

Prerequisites: Enrolment in the Master of Arts in Communication Management or a postgraduate course.

Global Trade Policy (SWM624)

Credit Points: 3

Not available this year

This unit examines transformations of the global trade regime and new patterns of global economic governance in the early 21st century. The global economy is becoming increasingly dominated by bilateral and regional trade arrangements, creating a web of preferential practices and agreements. The strength of the Chinese and Indian economies is contributing to a fundamental reconfiguring of international patterns of trade, whilst the global financial crisis and the Eurozone crisis make the future uncertain and hazardous.

Seminars and workshops are delivered in intensive teaching mode (24hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in the Master of Public Policy and Management, Master of Development Studies, or Master of International Affairs.

Globalisation of Modern Christianity (THE622)

Credit Points: 3

Not available this year

This unit looks at how Christianity developed from a predominantly European religion to a genuinely world faith that, since the sixteenth century is now located in every part of the globe. Topics covered in the unit will be the Roman Catholic missions beginning in the sixteenth century, and Protestant missionary movement commencing from the eighteenth century. Connections between Christianity and European imperialisms will be explored, along with ways in which Christianity was shaped by its encounters with indigenous societies.

Seminars: 2 hours per week

Prerequisites: THE509 Turning Points in Church History

Governance and Politics in the 21st Century (POL341)

Credit Points: 3

Not available this year

Historically, capitalism and democracy went hand in hand in Europe and North America. Expectations of a similar trajectory in Asia have risen due to socio-economic transformations. In the Middle East there are pressures for regime change under rather different economic and circumstances. This unit considers the nature of politics, the state, democracy, governments and governance in the context of 21st Century democratisation and political change.

Government Agencies in a Changing World (POL250)

Credit Points: 4

MURDOCH: S1-internal, S1-external

The unit focuses on government reform efforts in areas such as service provision and service delivery. It will also look at innovations like performance management and contracting out that have been implemented to improve the efficiency and effectiveness of government. The unit also looks at critical issues in the modern public sector such as transparency and accountability. The unit therefore provides students with a sound understanding of change in the practice of government.

Up to 3 hours.

Prerequisites: Nil.

Exclusions: Students who have successfully completed POL250 Public Sector Management may not enrol in this unit for credit.

Government Agencies in a Changing World (POL343)

As for POL250 except:

Credit Points: 3

Not available this year

Graduate Seminar in Psychology (PSY599)

Credit Points: 3

MURDOCH: S1-internal

This unit will deal with a range of themes which are central to the science and practice of psychology. The unit is run as an interactive seminar. Typical themes covered include: critical methods and issues pertaining to the practice of psychology and advanced and integrated topics.

Seminars/workshops: 2 hours per week;

Exclusions: Students who have successfully completed PSY412 Psychology: Fourth Year Seminar may not enrol in this unit for credit.

Great Books Past and Present 1 (EGL252)

Credit Points: 3

Not available this year

Great Books Past and Present 2 (EGL345)

Credit Points: 3

Not available this year

Greenhouse Accounting and Life Cycle Assessment (PEC311)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit develops an understanding of the rigorous Greenhouse Accounting and Life Cycle Assessment methodologies that apply in a brave new world of environmental regulation and markets. The possibility of carbon pricing in Australia, combined with an increased community awareness of climate change, demands thorough attention to the accounting of greenhouse gas emissions. This unit will look at Government mandates through the National Greenhouse and Energy Reporting System and will uncover the mathematical structure of Life Cycle Inventory Analysis.

Internal: Lectures: 2 per week; tutorials: 1 per week.

External: available online.

Prerequisites: There are no formal prerequisites. However, this is a quantitative unit so numeracy skills and a willingness to learn new mathematical concepts will be requisite. Prior knowledge of spreadsheet software would also be advantageous.

Postgraduate Certificate in Energy Studies, Postgraduate Diploma in Energy Studies and Master of Science in Renewable Energy students should enrol in the higher-level version of this unit.

Greenhouse Accounting and Life Cycle Assessment (PEC611)

As for PEC311 except:

Credit Points: 4

MURDOCH: S2-internal, S2-external

Prerequisites: Enrolment in a Postgraduate course.

Greenhouse Science and Policy (PEC332)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit presents a study of the scientific theory of global warming, the natural and enhanced greenhouse effect, causes of global warming, climate modelling and experimental evidence relevant to testing these models. It covers the consequences of global warming, climate change scenarios, greenhouse gas abatement strategies and social and technological approaches to mitigation and adaptation. Greenhouse policies, national and international frameworks, legal aspects, economic and fiscal measures will be examined.

Internal: lectures: 2 per week; tutorials: 1 per week.

External: available online.

Prerequisites: Nil. Recommended: PEC292 Energy in Society; knowledge of Physics equivalent to PEC120 Introduction to Physics.

Exclusions: Students who have previously completed PEC322 Greenhouse Science and Policy are not permitted to enrol in this unit.

Postgraduate Certificate in Energy Studies, Postgraduate Diploma in Energy Studies and Master of Science in Renewable Energy students should enrol in the higher-level version of this unit (PEC632).



Greenhouse Science and Policy (PEC632)*As for PEC332 except:*

Credit Points: 4

MURDOCH: H-external, S1-internal, S1-external

Prerequisites: Enrolment in an honours or postgraduate level course.

Greenhouse Science and Policy (PEC662)*As for PEC332 except:*

Credit Points: 3

Not available this year

Prerequisites: Enrolment in an honours or postgraduate level course.

Group Counselling (CSL581)

Credit Points: 3

MURDOCH: S1-internal

PEEL: S1-internal

Students learn theoretical approaches to understanding and effectively working with group processes. Participation in small groups allows students to learn experientially about the rewards and challenges of group work, and how to establish a therapeutic atmosphere in a group. Students have the opportunity for reflection and feedback on the development of interaction, support and acceptance within the group.

Murdoch: Lectures: 1.5 hours; tutorials: 3 hours per fortnight.

Peel: Lectures: 3 hours; tutorials: 3 hours per fortnight.

Prerequisites: Must be enrolled in the Postgraduate or Graduate Certificate of Counselling, Postgraduate or Graduate Diploma of Counselling or Master of Counselling. Completion of CSL582 previously PSY582/PSY531 Principles of Counselling 1. Other students wanting to study this unit can be interviewed by the Unit Coordinator for consideration by the Counselling Academic Chair.

Exclusions: Students who have successfully completed PSY581/528 Counselling: Experiential Learning in Individual and Group Counselling may not enrol in this unit for credit.

Hazard, Risk and Project Management (ENG691)

Credit Points: 3

MURDOCH: S1-internal, S2-internal

This unit involves study in particular projects which vary from year to year.

Lectures/tutorials/meetings/laboratories. By arrangement with the unit co-ordinator.

Prerequisites: Enrolment in the Master of Engineering or permission of the Engineering Academic Chair.

Health and Physical Education and the Curriculum (Major) (EDN419)

Credit Points: 4

MURDOCH: S1-internal

ROCKINGHAM: S1-internal

This unit prepares students for teaching Health and Physical Education (HPE) in secondary schools. The emphasis is on the construction of a teaching practice that integrates knowledge with practical strategies for effective learning, related to the promotion and maintenance of healthy and active lifestyles for learners. The unit emphasises the development of effective teaching for outcomes as described in the HPE ACARA National Curriculum and in the

School Curriculum Standards Authority (SCSA) Senior Secondary Course - Physical Education Studies.

Lectures/workshops: 50 hours.

All students are required to attend lectures and workshops on campus. Details of the unit will be advised in the Unit Information and Learning Guide and on the unit information page, the School of Education's web site and LMS.

All students will need to access LMS during this unit to access resources and the latest information regarding this unit.

Prerequisites: Enrolment in BEd (Secondary Teaching)/Sports Science degree (B1279) or GradDipEd(Secondary majoring in Health and Physical Education) or BEd 1-10 Health and Physical Education(B1285); successful completion of EDN112/EDN1121 Understanding Teachers' Work or EDU101/EDU1011 Introduction to Teaching and either CHI3151/EXS315 or EDN307 (B1279 students) or EDN302 (B1285 students) and EDN116 Physical Education; EDN319 Sports Education and or EDN3191.

Students studying EDN419 in GradDipEd (Secondary) will be expected to have successfully completed a range of Exercise Physiology or Sports Science units in Physical Education at a recognised tertiary institution. Students need to check with Unit Coordinator re their eligibility.

Health and Physical Education and the Curriculum (Major) (EDN464)*As for EDN419 except:*

Credit Points: 3

Not available this year

Health and Religion (THE283)

Credit Points: 4

Not available this year

Examine the way communities draw upon their religious beliefs to maintain community health and well being and to conceptualise and respond to illness and disease. Study early Hebrew, ancient Greek and early Christian societies to the present. Issues: community health maintenance through social and cultic boundaries; individual responses to illness arising from faith and spirituality; perceptions of the source of, and responsibility for, illness in divine or human realms; forms and rituals of healing, and their administration in communities.

Lectures/tutorials: 3 hours per week.

Prerequisites: Nil.

Health and Religion (THE483)*As for THE283 except:*

Credit Points: 4

Not available this year

Health and Society (SOC213)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit offers an introduction to the sociology of health, medicine and the body. The broad perspective of the unit emphasises the social construction of knowledge about health, illness and healing, the significance of power relations, and the relationship between power and knowledge. Topics: illness experience and embodiment, inequalities in health, socio-cultural constructions of the 'normal', 'healthy' body, sociological critiques of medical knowledge, especially post-structuralist and feminist critiques, the new genetics, health promotion and the new public health.

Lectures/tutorials: up to 3 hours per week.

Prerequisites: Nil. Highly recommended: S134/SOC134
Introduction to Sociology.

This unit will be useful to students majoring in Psychology;
Pharmacy; Nursing; Chiropractic and Veterinary Science.

Health and Society (SOC313)

As for SOC213 except:

Credit Points: 3

Not available this year

Health Care Education (SHP638)

Credit Points: 3

Not available this year

This unit focuses on developing effective teaching practices for peer and client education and explores conceptual issues and practical concerns surrounding mentoring in health care settings. Students examine the relationship between the individual learner, the teacher, the context and the clinical learning milieu. Students reflect on their own teaching philosophy, define and evaluate effective teaching strategies; critically analyse benefits of the andragogical and pedagogical learning paradigms; explore concepts, models and applications of mentoring; essential elements of mentoring relationships and programs.

External: No attendance required

Prerequisites: Enrolment in a postgraduate course.

Health Literacy (NUR642)

Credit Points: 3

Not available this year

This unit explores the barriers for patients from culturally and linguistically diverse backgrounds in communicating their health needs. These barriers also impact on access to services, communication of consent and understanding of treatment options. While the unit has a focus on CALD groups, the issues of poor literacy in Anglo-Saxon population groups is also explored. Students will be provided with tools and techniques to overcome these barriers which include the use of interpreter services.

Lectures: 2 hours per week; tutorials: 2 hours per week.

Prerequisites: Enrolment in a postgraduate course.

Health Policy (SHP541)

Credit Points: 3

MURDOCH: S1-external, S2-external

Provides students with an overview of health policy and clinical governance and the components of each. Health policy will be examined to investigate issues of policy, governance and leadership in the health sector. Clinical Governance will explore the systems and process that an organisation must have in place to ensure effective and efficient clinical care.

External: No attendance required

Prerequisites: Enrolment in a postgraduate course.

Health Research and Evidence Based Nursing Care (NUR363)

Credit Points: 4

PEEL: S1N-internal

This unit will further develop students' research skills by formally examining quantitative and qualitative research designs, applying these to measurement of health and disease in the community, examining the efficacy of current research projects, evaluating types of evidence and exploring the strength of evidence based practice. Consideration of how to reduce the research/practice gap will also be explored.

Lecture: 1 hour per week; tutorials: 2 hours per week

Prerequisites: Completion of all Part I core BNursing units.

Health Services Project (SHP640)

Credit Points: 6

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

In this unit students are required to design, conduct and report in journal article format and by seminar presentation a research project addressing an issue related to the coursework area which the student has selected and be undertaken under the supervision of an approved staff member. The proposed topic of study should first be discussed with the Academic Chair.

Fortnightly contact with supervisor.

Prerequisites: NUR632 or SHP632 Applied Health Research Methods: From Research to Practice or equivalent research methodologies unit.

Exclusions: Students who have successfully completed NUR640 Health Services Project may not enrol in this unit for credit.

Health, Fitness and Performance Assessment (EXS203)

As for EXS208 except:

Credit Points: 3

Not available this year

Health, Fitness and Performance Assessment (EXS208)

Credit Points: 4

MURDOCH: S1-internal

This unit teaches students to perform pre-participation screening, risk appraisal, exercise and performance assessments. Advantages and limitations of various health and fitness assessments will be discussed, together with factors that can influence results. Students will learn how to select and perform appropriate tests for special groups such as athletes, children, older adults and individuals with health conditions. Physiological tests to determine components of fitness such as muscular strength, endurance, power, flexibility, cardiorespiratory fitness and body composition will be performed.

Lectures: 2 hours; laboratories/workshops: 2 hours.

Prerequisites: CHI124/EXS124 Principles of Sports Science or CHI109 Chiropractic Skills and Principles I.

Exclusions: Student who have successfully completed CHI208 Health, Fitness and Performance Assessment may not enrol in this unit for credit.

Heat and Mass Transfer (ENG203)

Credit Points: 3

Not available this year

Fundamentals of heat and mass transfer are addressed in this unit. Concepts of heat exchange and heat exchanger selection are covered. Differential and stage-wise mass transfer processes. Case studies of equipment for heat and mass transfer unit operations.

Hermeneutics (THE281)

Credit Points: 4

Not available this year

Hermeneutics as a field of studies has undergone many transformations. It has been understood as the theory of textual interpretation, the 'Art of Understanding' (Schleiermacher), the methodological foundation of the humanities, and the foundation of human understanding of the world and the self. This unit will explore the history of hermeneutics as a field of study, and introduce the most significant current approaches.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Hermeneutics (THE481)*As for THE281 except:*

Credit Points: 4

Not available this year

Historical Mysteries of the Modern World (HIS234)

Credit Points: 4

Not available this year

What caused the disastrous loss of Sir John Franklin's Expedition in the Arctic in the late 1840s? Who was Jack the Ripper? Why did Nazi leader Rudolf Hess fly to Britain in 1941? These are some of the mysteries examined in this unit, which seeks to develop students' research, analytical and reporting/writing skills. The mysteries are examined within their broad historical contexts. Assessment includes a major research essay and an end-of-semester exam.

Lectures/tutorials/workshops: 3 hours per week.

Prerequisites: Nil.

History Honours Seminar I (HIS463)

Credit Points: 4

MURDOCH: S1-internal

This unit will examine some of the approaches adopted by historians in recent times. Possible topics: traditional research methodology; oral memory; biography; feminist history; post-structuralist approaches; the future of the discipline.

Seminars: 2 hours per week.

Prerequisites: Enrolment in History with Honours or equivalent.

History of the Christian Church I: Early to Medieval (THE285)

Credit Points: 4

MURDOCH: S2-external

Examines the development of the Christian Church from its beginnings as a sect in the Roman Empire to its promulgation as the official religion of the empire and its religious monopoly in the

medieval societies of Western and Eastern Europe. In addition to issues relating to church and society in this period the unit will also look at developments within Christianity such as evolving patterns of ministry and leadership, monasticism and mysticism, workshop and belief, the Crusades and the papacy.

Prerequisites: Nil.

History of the Church II: Reformation to Modern (THE286)

Credit Points: 4

Not available this year

Examines the crisis of sixteenth-century Europe that produced the Reformation and the split of Western Christianity into Protestant and Catholic. Particular attention will be paid to the various churches of the Protestant and Catholic Reformations. Looks at how those two traditions developed from the sixteenth century until the late-twentieth century in Europe, the United States, Africa, Asia and the Pacific. Introduces various movements within the modern period that impacted on the Church, including the Enlightenment, various revival movements, and totalitarianism.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

History, Society and Culture (HIS200)

Credit Points: 3

Not available this year

This unit will extend and apply learning gained through the completion of the first-year History units. Although the geographical and thematic focus of the unit may vary from year to year, students will consider:

- * Different conceptual approaches to interpreting the past
- * How the past contributes to shaping the present
- * Interpretation of primary and secondary sources
- * Methodological and ethical conventions of historians.

Prerequisites: HIS181 Introduction to History and HIS182 Turning Points in History (or HIS182 Making of the Modern World).

Hollywood and History (HIS249)

Credit Points: 4

Not available this year

This unit explores the intersection of feature film and history, focusing on twentieth century America. Through the lens of feature film we will investigate and interpret some of the key events, personalities and ideas in America's recent past. Topics: the Great Depression, the Cold War, Vietnam War, the assassination of John F. Kennedy and the Civil Rights movement, the cultural 'revolution' of the 1960s and Watergate.

Lectures/film sessions and workshops: 3 hours per week.

Prerequisites: Nil.

Hollywood and History (HIS250)*As for HIS249 except:*

Credit Points: 3

Not available this year

Homiletics (THE491)

Credit Points: 4

MURDOCH: S2-external

The unit examines the theory and practice of religious communication particularly as these relate to preaching in the Christian tradition.

Prerequisites: Nil. Highly recommended: at least two 200-level theological units.

Homiletics (THE591)

Credit Points: 4

MURDOCH: S2-external

The unit examines the theory and practice of religious communication particularly as these relate to preaching in the Christian tradition.

Prerequisites: Enrolment in graduate level study.

Homiletics (THE618)*As for THE591 except:*

Credit Points: 3

MURDOCH: S2-internal, S2-external

Seminar: 2 hours per week.

Honours - Personal Program (EGL499)

Credit Points: 24

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Honours Dissertation Preliminary (EGL469)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in English and Creative Writing or Honours in Theatre and Drama.

Honours Dissertation Preliminary (PHL469)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Philosophy.

Honours Placement in Criminology (CRM4301)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Criminology.

Honours Placement in Legal Studies (LEG4101)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Legal Studies.

Honours Seminar in Media Communication and Culture (MCC444)

Credit Points: 4

MURDOCH: S1-internal

Prerequisites: Enrolment in an Honours course in Media Communication and Culture.

A result of Ungraded Pass or Fail is awarded for this unit.

Honours Thesis in Asian Studies (AST4049)

Credit Points: 12

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Asian Studies.

Honours Thesis in Asian Studies (Specialist) (AST4909)

Credit Points: 12

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Asian Studies (Specialist).

Honours Thesis in Australian Indigenous Studies (AIS4169)

Credit Points: 12

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Australian Indigenous Studies.

Honours Thesis in Biological Sciences (BIO4009)

Credit Points: 24

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Biological Sciences.

Honours Thesis in Biological Sciences (BIO4009-12)*As for BIO4009 except:*

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Prerequisites: Enrolment in Honours in Biological Sciences.

Honours Thesis in Biomedical Science (BMS4709)

Credit Points: 24

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Biomedical Science.

Honours Thesis in Biomedical Science (BMS4709-12)*As for BMS4709 except:*

Credit Points: 12

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Biomedical Science.

Honours Thesis in Biotechnology (BIO4039)

Credit Points: 24

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Biotechnology.

Honours Thesis in Biotechnology (BIO4039-12)*As for BIO4039 except:*

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Prerequisites: Enrolment in Honours in Biotechnology.

Honours Thesis in Chemistry (CHE4009)

Credit Points: 16

MURDOCH: H-internal, Y-internal

Prerequisites: Enrolment in Honours in Chemistry.

Honours Thesis in Chiropractic (CHI4509)

Credit Points: 24

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Chiropractic.

Honours Thesis in Chiropractic (CHI4509-12)*As for CHI4509 except:*

Credit Points: 12

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Prerequisites: Enrolment in Honours in Chiropractic.

Honours Thesis in Commerce (BUS4019)

Credit Points: 12

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Commerce.

Honours Thesis in Community Development (COD4069)

Credit Points: 12

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Community Development.

Honours Thesis in Computer Science (ICT4029)

Credit Points: 12

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in one of the following: Computer Science; Games Software Design and Production; Games Technology; Internet Software Development; Internetworking and Security.

Honours Thesis in Conservation and Wildlife Biology (BIO4079)

Credit Points: 24

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Conservation and Wildlife Biology.

Honours Thesis in Conservation and Wildlife Biology (BIO4079-12)*As for BIO4079 except:*

Credit Points: 12

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Conservation and Wildlife Biology.

Honours Thesis in Criminology (CRM4309)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Prerequisites: Enrolment in Honours in Criminology.

Honours Thesis in Economics (BUS4009)

Credit Points: 12

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Economics.

Honours Thesis in English and Creative Writing (EGL4199)

Credit Points: 12

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in English and Creative Writing.

Honours Thesis in Environmental Management (ENV4089)

Credit Points: 20

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Environmental Management.

Honours Thesis in Environmental Science (ENV4019)

Credit Points: 20

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Environmental Science.

Honours Thesis in Exercise Physiology (EXS460)

Credit Points: 24

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Exercise Physiology.

Honours Thesis in Forensic Biology and Toxicology (BIO4049)

Credit Points: 24

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Forensic Biology and Toxicology.

Honours Thesis in Forensic Biology and Toxicology (BIO4049-12)*As for BIO4049 except:*

Credit Points: 12

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Prerequisites: Enrolment in Honours in Forensic Biology and Toxicology.

Honours Thesis in History (HIS4019)

Credit Points: 12

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in History.

Honours Thesis in Information Systems (ICT4059)

Credit Points: 12

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Business Information Systems.

Honours Thesis in Law (LLB580)

Credit Points: 12

MURDOCH: H-internal, S1-internal, S2-internal, Y-internal

This unit involves the completion of a major research project under the supervision of a member of staff. Students must participate actively in the supervision process and produce a paper of between 15,000 and 20,000 words on a legal topic nominated by him or her and approved by the Law School Honours Sub-Committee. The application to enrol in this unit is available from the School of Law office, or the School website.

No formal contact hours but regular meetings with Supervisor.

Prerequisites: Obtain necessary Weighted Grade Point Average (WGPA) cut-off; permission of Supervisor and Law Honours Subcommittee.

Honours Thesis in Legal Studies (LEG4109)

Credit Points: 12

MURDOCH: S1-internal, Y-internal

Prerequisites: Enrolment in Honours in Legal Studies.

Honours Thesis in Marine Science (BIO4069)

Credit Points: 24

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Marine Science.

Honours Thesis in Marine Science (ENV4069)

Credit Points: 20

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Marine Science.

Honours Thesis in Mathematics and Statistics (MAS4019)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Prerequisites: Enrolment in Honours in Mathematics and Statistics.

Honours Thesis in Media Communication and Culture (MCC4209)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Prerequisites: Enrolment in an Honours course in Media Communication and Culture.

Honours Thesis in Mineral Science (EXM4039)

Credit Points: 16

MURDOCH: H-internal, Y-internal

Prerequisites: Enrolment in Honours in Mineral Science.

Honours Thesis in Molecular Biology (BIO4089)

Credit Points: 24

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Molecular Biology.

Honours Thesis in Molecular Biology (BIO4089-12)*As for BIO4089 except:*

Credit Points: 12

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Prerequisites: Enrolment in Honours in Molecular Biology.

Honours Thesis in Movement Science (EXS594)

Credit Points: 21

Not available this year

Prerequisites: Enrolment in Honours in Movement Science.

Honours Thesis in Nursing (NUR4609)

Credit Points: 16

PEEL: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal

Prerequisites: Enrolment in Honours in Nursing.

Honours Thesis in Philosophy (PHL4089)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Prerequisites: Enrolment in Honours in Philosophy.

Honours Thesis in Physics and Nanotechnology (PEC4089)

Credit Points: 16

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Physics and Nanotechnology.

Honours Thesis in Politics and International Studies (POL4079)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Prerequisites: Enrolment in Honours in Politics and International Studies.

Honours Thesis in Psychology (PSY4039)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

This unit entails research design and provides the opportunity to carry out a piece of empirical work under supervision. Students are expected to negotiate a research topic in conjunction with a supervisor. The paper reporting the empirical research represents half of the Honours year's work.

Approximately 15 hours per week for 24 weeks or equivalent.

Prerequisites: Enrolment in BA (Psych) (Hons) or BPsych (Hons).

Students must have completed 15 hours as a participant in psychological research or have completed an essay on psychological research to the satisfaction of the Unit Coordinator.

Honours Thesis in Security, Terrorism and Counterterrorism Studies (POL4019)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Prerequisites: Enrolment in Honours in Security, Terrorism and Counterterrorism Studies.

Honours Thesis in Sociology (SOC4069)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Prerequisites: Enrolment in Honours in Sociology.

Honours Thesis in Sports and Health Science (EXS593)

Credit Points: 21

Not available this year

Prerequisites: Enrolment in Honours in Sport and Health Science.

Honours Thesis in Sports Science (EXS4909)

Credit Points: 24

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Sports Science.

Honours Thesis in Sports Science (EXS4909-12)*As for EXS4909 except:*

Credit Points: 12

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Sports Science.

Honours Thesis in Sustainable Development (SUS401)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Prerequisites: Enrolment in Honours in Sustainable Development (BA).

Honours Thesis in Theatre and Drama (EGL4189)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Prerequisites: Enrolment in Honours in Theatre and Drama.

Honours Thesis in Tourism (TOU4019)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Prerequisites: Enrolment in Honours in Tourism.

Honours Thesis in Veterinary Biology (VET4009)

Credit Points: 24

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Prerequisites: Enrolment in Honours in Veterinary Biology.

Honours Topic in Asian Studies (AST4041)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Asian Studies.

Honours Topic in Asian Studies (AST4042)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Asian Studies.

Honours Topic in Asian Studies (Specialist) (AST4901)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Asian Studies (Specialist).

Honours Topic in Asian Studies (Specialist) (AST4902)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Asian Studies (Specialist).

Honours Topic in Australian Indigenous Studies (AIS4161)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Australian Indigenous Studies.

Honours Topic in Australian Indigenous Studies (AIS4162)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Australian Indigenous Studies.

Honours Topic in Community Development (COD4061)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Community Development.

Honours Topic in Community Development (COD4062)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Community Development.

Honours Topic in English and Creative Writing (EGL4191)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in English and Creative Writing.

Honours Topic in History (HIS4011)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in History.

Honours Topic in Mathematics and Statistics (MAS4011)

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Prerequisites: Enrolment in Honours in Mathematics and Statistics.

Honours Topic in Mathematics and Statistics (MAS4012)

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Prerequisites: Enrolment in Honours in Mathematics and Statistics.

Honours Topic in Mathematics and Statistics (MAS4013)

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Prerequisites: Enrolment in Honours in Mathematics and Statistics.

Honours Topic in Media Communication and Culture (MCC4201)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in an Honours course in Media Communication and Culture.

Honours Topic in Media Communication and Culture (MCC4202)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in an Honours course in Media Communication and Culture.

Honours Topic in Philosophy (PHL4081)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Philosophy.

Honours Topic in Philosophy (PHL4082)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Philosophy.

Honours Topic in Sociology (SOC4061)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Sociology.

Honours Topic in Sociology (SOC4062)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Sociology.

Honours Topic in Sustainable Development (SUS400)

Credit Points: 8

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Sustainable Development.

Exclusions: Students who have successfully completed STP4751 Honours Topic in Sustainable Development may not enrol in this unit for credit.

Honours Topic in Theatre and Drama (EGL4181)

Credit Points: 4

MURDOCH: S1-internal, S2-internal

Prerequisites: Enrolment in Honours in Theatre and Drama.

Honours Topic in Tourism (TOU4011)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Tourism.

Honours Topic in Tourism (TOU4012)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Tourism.

Honours Topics in Law (LAW581)*As for LLB581 except:*

Credit Points: 4

MURDOCH: S1-internal, S2-internal

Prerequisites: Enrolment in Honours in Law.

Honours Topics in Law (LLB581)

Credit Points: 3

Not available this year

This unit will provide students with the opportunity to study a legal topic that contributes to the development of their Honours Program of Study. Topics will be selected in consultation with the student's supervisor and the Honours Subcommittee.

Prerequisites: Approval to study Honours in Law.

Human Anatomy I (CHI280)

Credit Points: 4

MURDOCH: S1-internal (quota of 90 places)

This unit is designed to equip students with proper knowledge on human anatomy as a base for clinical study in chiropractic and exercise physiology. The topics covered in this unit are the head and neck, visceral structures and the central nervous system. Practical consists of prosection lab, surface anatomy and radiographic anatomy.

Lectures: 4 hours per week; practicals: 4 hours per week.

Prerequisites: BMS101 Introduction to the Human Body and CHI108 Functional Human Anatomy (or BMS108 Comparative Musculoskeletal Anatomy/VET108 Topics in Comparative Mammalian Anatomy).

This unit is subject to quota. Quota is due to limited resources and space requirements. Preference will be given to students in Chiropractic, Exercise Physiology and Sports Science.

Human Anatomy II (CHI234)*As for CHI282 except:*

Credit Points: 3

Not available this year

This unit is not subject to quota.

Human Anatomy II (CHI282)

Credit Points: 4

MURDOCH: S2-internal (quota of 100 places)

This unit is designed to equip the students with proper knowledge on human anatomy as a base for clinical study in chiropractic. The topics covered in this unit are the back, the limbs and the central nervous system. Practical consists of prosection lab, surface anatomy and radiographic anatomy.

Lectures: 4 hours per week; practicals: 4 hours per week.

Prerequisites: Enrolment in B1274 Chiropractic; BMS101 Introduction to the Human Body and CHI108 Functional Human Anatomy (or BMS108 Comparative Musculoskeletal Anatomy/VET108 Topics in Comparative Mammalian Anatomy).

Students enrolled in a course other than B1274 Chiropractic should enrol in CHI2821.

This unit is subject to quota. Quota is due to limited resources and space requirements. Preference will be given to students in Chiropractic, Exercise Physiology and Sports Science.

Human Anatomy II (CHI2821)*As for CHI282 except:*

Credit Points: 4

MURDOCH: S2-internal (quota of 100 places)

Prerequisites: BMS101 Introduction to the Human Body and CHI108 Functional Human Anatomy (or BMS108 Comparative Musculoskeletal Anatomy/VET108 Topics in Comparative Mammalian Anatomy).

Students enrolled B1274 Chiropractic should enrol in CHI282.

This unit is subject to quota. Quota is due to limited resources and space requirements. Preference will be given to students in Chiropractic, Exercise Physiology and Sports Science.

Human and Comparative Biochemistry (BMS209)*As for BMS261 except:*

Credit Points: 3

Not available this year

Human and Comparative Biochemistry (BMS261)

Credit Points: 4

MURDOCH: S1-internal

Knowledge of intermediary metabolism and molecular biology is central to the understanding of the normal healthy metabolic state in humans and other species, from which the disturbances in metabolism associated with disease and principles of treatment can be better appreciated. The unit emphasises the molecular basis of medicine and the conceptual understanding of metabolism in the whole organism.

Lectures: 4 hours per week; practicals/tutorials: 3 per week.

Prerequisites: BIO152 Cell Biology.

Exclusions: Students who have successfully completed BIO270 Biochemistry I or ANS251 Agricultural Biochemistry may not enrol in this unit for credit.

Human Factors in Information Technology (ICT612)

Credit Points: 3

MURDOCH: S1-internal

Covers the human factors (HCI) aspects of Information Technology at four levels: individuals, groups, national and international. Discusses methods of design and evaluation used to produce efficient, effective and satisfying user interfaces, multimedia products and websites. Also considers computer mediated communication, groupware, organisational modelling, virtual reality, augmented reality and ubiquitous computing and mobile technologies. Relates theoretical concepts to practical techniques within a fair social-technical context.

Lectures/tutorials: 3 hours per week.

Prerequisites: Enrolment in a postgraduate IT course.

Human Factors: The Impact on Patient Safety (SHP602)

Credit Points: 3

MURDOCH: S2-external

The study of Human Factors provides understanding of human characteristics and applies this to improving the design of machines, systems and team environments to reduce the likelihood of error in health care.

This unit examines cognitive and behavioural characteristics that make human error prone. Strategies to improve the human-machine interface and human to human interactions will be identified and examined. The unit focuses on achievable ways using human factors to build defences into the healthcare system to protect patients.

External: No attendance required.

Prerequisites: Enrolment in a graduate course.

Exclusions: Students who have successfully completed NUR602 Human Factors: The Impact on Patient Safety may not enrol in this unit for credit.

Human Resource Economics (BUS301)*As for BUS375 except:*

Credit Points: 3

Not available this year

Human Resource Economics (BUS375)

Credit Points: 4

MURDOCH: S2-internal, S2-external

KAPLAN-SGP: TMA-internal

KDUPJ: S2U-internal

SGP1: TMB-internal

It is increasingly recognised that efficient use of human resources is a key determinant of the performance of enterprises and nations. This unit will apply economic analysis to human resource decision making. Topics: the hiring decision, the training decision, job hierarchies within the organisation, remuneration issues and the growth of flexible working arrangements.

Lectures: 2 hours per week; workshops: 1 hour per week.

Prerequisites: Nil.

Human Resource Management Law (MBL501)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit is about law relevant to the recruitment, performance and termination of work relationships in Australia. It investigates the legal relationship between an employer and employee. Coverage of federal legislation is a focus, with a study of the rights and obligations imposed on parties to work relationships, legislated minimum standards, awards, collective agreements and dismissal.

Seminars: 3 hours per week.

Prerequisites: Enrolment in a postgraduate-level course.

Exclusions: Students who have completed MBS501 Human Resource Management Law may not enrol in this unit for credit.

Human Resource Management Law (MBS501)

Credit Points: 4

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TMA-internal

This unit is about law relevant to the recruitment, performance and termination of work relationships in Australia. It investigates the legal relationship between an employer and employee. Coverage of federal legislation is a focus, with a study of the rights and obligations imposed on parties to work relationships, legislated minimum standards, awards, collective agreements and dismissal.

Human Resource Management Perspectives (MBS617)

Credit Points: 4

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TMA-internal

This unit presents an overview of the management of human resources from the perspectives of HR practitioners and line managers. It examines practical and theoretical aspects of day to day and strategic HR practices. Topics such as recruitment and selection, training and development, performance management and remuneration for the organisation's most valuable asset are discussed. Students will participate in lectures, discussions, case studies and other experiential learning approaches. (MHRM students are advised to select this unit early in their course).

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a graduate course.

Human Resource Management Perspectives (MBS6171)*As for MBS617 except:*

Credit Points: 3

Not available this year

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a graduate course.

Human Resource Management Perspectives (MBS655)

As for MBS617 except:

Credit Points: 3

MURDOCH: S1-internal, S1-external

Human Resources (PSY568)

Credit Points: 3

MURDOCH: S1-external

This unit deals with traditional issues in the management of human resources in organisational and service settings. Topics cover theoretical and practical problems of human resource management, including job analysis, recruitment and selection, performance management, performance appraisal, and human resource development. Treatment of these topics deals with both the organisation's welfare (which enables it to offer a stable environment to its work force) and the well-being of individual employees as this is affected by personnel practices.

Online discussions with minimum contribution requirements.

Prerequisites: Enrolment in Pg or GCertOHRs or Pg or GDipConsultPsych or MAppPsych or MAppPsych/PhD or DPsych or, for other Masters students, permission of the Unit Coordinator.

Human Rights Law Clinic (LAW387)

Credit Points: 4

MURDOCH: S1-internal (quota of 6 places), S2-internal (quota of 6 places)

This unit is a clinical legal education unit which allows students to put their legal knowledge into practice within an active Human rights and refugee practice. Students will interview clients, research and formulate advice, draft documents and assist the client before tribunals, courts and the United Nations under the close supervision of our lawyers.

Weekly attendance at the clinic and seminar program, to be arranged with course coordinator.

Please contact the unit coordinator for further information.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System (mandatory) and LAW390 Clinical Legal Education (preferable).

Human Rights Law Clinic (LLB387)

As for LAW387 except:

Credit Points: 3

Not available this year

Human Structure and Function 1 (NUR149)

Credit Points: 3

PEEL: S1N-internal

This unit is the first of two that provide a broadly based, general introduction to fundamental concepts in human anatomy, physiology and cell biology, exploring issues of relevance to nursing. It will introduce the student to the various levels of structural organisation in the body, from atoms and molecules to cells, tissues, organs and organ systems. Students will also be introduced to chemical processes important in living systems and physiological mechanisms aimed at the maintenance of a constant internal environment.

Lecture: 1 hour per week; laboratories: 2 hours per week

Prerequisites: Enrolment in the Bachelor of Nursing.

Exclusions: Students who have successfully completed NUR101 Fundamentals of Cell Function, NUR102 Nursing Bioscience I, and NUR104 Nursing Bioscience II may not enrol in this unit for credit. Students who have only successfully completed some of these units should contact the Academic Chair.

Human Structure and Function 2 (NUR154)

Credit Points: 3

PEEL: S2N-internal

This unit continues the introduction to human anatomy and physiology, contributing foundation knowledge for the principles and practice of nursing. The unit will examine the maintenance of essential life processes by introducing the structure and function of the major body systems. It will highlight the interrelationship of body organ systems, homeostasis and the dependence of function upon structure. The unit will also include an introduction to genetics.

Lecture: 1 hour per week; laboratories: 2 hours per week

Prerequisites: Enrolment in the BNursing and successful completion of NUR149 Human Structure and Function 1 (or equivalent).

Exclusions: Students who have successfully completed NUR101 Fundamentals of Cell Function, NUR102 Nursing Bioscience I, and NUR104 Nursing Bioscience II may not enrol in this unit for credit. Students who have only successfully completed some of these units should contact the Academic Chair.

Human-Computer Interaction (ICT325)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit examines human-computer interaction (HCI), the key ingredient in the design of information based systems, multimedia, websites, interactive mobile technologies and games. It covers practical user interface design, prototyping and evaluation, but also includes consideration of theoretical and social disability aspects of HCI. The unit includes consideration of other disciplines (for example, psychology) in the effective design of HCI.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: ICT207 Games Design and Programming or ICT231 Systems Analysis and Design or ICT241 Games Software Design.

Hydrometallurgy (ENG326)

Credit Points: 3

Not available this year

This unit considers the principles and applications of leaching, solution purification and metal recovery to the hydrometallurgical processing of metals, ores, and concentrates. It also considers practical industrial processes, and discusses overall processes for the recovery of gold, copper, nickel, uranium etc. related to the Australian mineral industry.

ICT in the Classroom (EDN205)

Credit Points: 4

MURDOCH: S2-external

Focuses on ways to use information and communications technology (ICT) to help students learn and teachers teach in primary, secondary or post-secondary settings. Numerous claims have been made about the relationships between ICT and education. This unit will help you assess some of these and develop effective strategies for integrating ICT into teaching and learning in your chosen area.

External: No attendance required.

Prerequisites: Completion of at least one Part II education unit, or equivalent.

Ideas and Identity (BAR150)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

This unit explores the power of ideas to change the world, focusing on their birth, transmission, evolution, and global impacts. Through the study of selected themes, such as violence or the relationship between the individual and the community, students are introduced to the ideas and approaches central to the arts, social sciences and humanities, and are invited to reflect on competing moral and social arguments. Writing and critical thinking skills are a core focus of the unit.

Lectures: 2 x 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed SSH100 Ideas in Action cannot enrol in this unit for credit.

Ideas in Action (SSH100)

Credit Points: 3

Not available this year

This unit explores the power of ideas to change the world, focussing on the birth of major ideas, their transmission, evolution, and global impacts. Through the study of selected iconic events, such as the invention of the contraceptive pill and global warming, students are introduced to the ideas and approaches central to the Social Sciences and Humanities, and are invited to reflect on competing moral and social arguments. Writing and critical thinking skills are a core focus of the unit.

Lectures and tutorials: up to 3.5 hours per week.

Prerequisites: Nil.

Exclusions: Students who successfully complete this unit cannot enrol in the Bachelor of Arts 1st year Breadth unit BAR150 Ideas and Identity for credit.

Ideas in Education (BED100)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S1-internal, S2-internal

This unit helps develop the skills and understandings needed to study successfully in Education. You will learn how to communicate effectively in speech and in writing (including academic writing); engage in critical thinking and problem solving about education topics; explore strategies for independent and collaborative learning; and practise reading with purpose and with understanding. You will also begin to investigate and discuss some key ideas and current debates in Education, as preparation for more in-depth exploration in later units.

Lectures/workshops: 3 hours per week.

Prerequisites: Enrolment in an initial teacher education course.

Exclusions: Students who have successfully completed a Foundation Unit (units beginning with FDN) may not enrol in this unit for credit.

Immunology, Genetics and Microbiology (CHI305)

Credit Points: 4

MURDOCH: S2-internal

Introduction to three important areas of consideration for primary contact health care practitioners. The interdependence of genetics, immunology and microbiology will be emphasised. Basic concepts of genetics, immunology and microbiology will be presented with consideration of the mechanisms of the immune response and its relationships to infectious microbial agents. Special discussion topics include vaccination, regulation of immunity, and the effects of excesses and deficiencies on the immune response. Project work and seminars will be required for completion of the unit.

Lectures: 3 hours per week

Prerequisites: Enrolment in Chiropractic and successful completion of Years 1 and 2.

Immunology, Vaccines and Cell Culture (BIO243)

As for BIO252 except:

Credit Points: 3

Not available this year

Immunology, Vaccines and Cell Culture (BIO252)

Credit Points: 4

MURDOCH: S2-internal

Explore the complexity of the immune system in health and disease, focusing on vaccine development. Immunology topics include: innate immunity, the lymphoid system, B cells and antibodies, T cells and their effector mechanisms, complement, cytokines, interferons and antigen presentation on cells. Mammalian cell culture topics include: the production of cell-lines, monoclonal antibodies, stem cell therapies and cryopreservation methods. Vaccine topics include: development and commercialisation of vaccine technologies, new technologies, global challenges in vaccine production and public acceptance of immunisation.

Lectures: 3 hours per week; practicals/workshops: 3 hours per week.

Prerequisites: BIO152 Cell Biology.

Exclusions: Students who have successfully completed or are enrolled in VET347 Veterinary Immunology and Molecular Genetics or BMS265 Medical Immunology and Molecular Genetics or their equivalent may not enrol in this unit for credit.

In-Country Studies Indonesia (ART307)

Credit Points: 6

Not available this year

Through the Australian Consortium for 'In-Country' Indonesian Studies (ACICIS), students undertake studies in English language at an Indonesian university or they combine some studies in English with professional placements in urban or rural areas. Applicants are expected to have some background in the field they want to pursue.

Prerequisites: Permission of the Academic Chair and selection by The Australian Consortium for 'In-Country' Indonesian Studies (ACICIS)

A result of Ungraded Pass or Fail is awarded for this unit.

In-Country Studies Indonesia (ART3071)

Credit Points: 12

Not available this year

A result of Ungraded Pass or Fail is awarded for this unit.

In-Country Studies Indonesia (ART607)

Credit Points: 6

MURDOCH: SUM-internal

Prerequisites: Enrolment in a Postgraduate qualification and approval of the Academic Chair and selection by In-Country' Indonesian Studies (ACICIS),

A result of Ungraded Pass or Fail is awarded for this unit.

In-Country Studies Indonesia (ART6071)

Credit Points: 12

Not available this year

Prerequisites: Enrolment in a Postgraduate qualification and approval of the Academic Chair and selection by In-Country' Indonesian Studies (ACICIS),

A result of Ungraded Pass or Fail is awarded for this unit.

In-Country Studies Indonesia (SSH307)*As for ART307 except:*

Credit Points: 8

MURDOCH: SUM-internal

A result of Ungraded Pass or Fail is awarded for this unit.

Inclusive Education (EDN334)

Credit Points: 4

MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal

This unit focusses on the special educational needs of students who may be 'at risk' of developmental delay or educational difficulties, either through impairments or disabilities, or for other reasons. It will assist participants to identify and understand diverse learning needs, develop and implement strategies to enhance learning outcomes, and monitor student progress.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: Enrolment in the Bachelor of Education (except B1269 BEd Early Childhood and Primary Teaching and B1279 BEd Secondary Teaching and Sports Science) and successful completion of or enrolment in EDU245 Learning and Assessment Processes or EDU241 Processes of Learning or EDU242 Learning and Assessment: Theory and Practice or equivalent; or EDN221 Learning, Teaching and Assessment 1 AND EDN222 Learning, Teaching and Assessment 2 or enrolment in Graduate Certificate in Inclusive Education, Graduate Diploma in Education (Secondary), Graduate Diploma in Education Studies.

For the 600-level version of this unit, students must be enrolled in a Postgraduate Certificate in Gifted and Talented Education. Students without the prerequisite should consult the Unit Coordinator.

Exclusions: Students who have completed EDU380/EDU3801/EDU3802 Inclusive Education may not enrol in this unit for credit.

Students enrolled in the Inclusive Education minor should enrol in the 6-point version of this unit.

Inclusive Education (EDN3341)*As for EDN334 except:*

Credit Points: 2

MURDOCH: S2-external

External only.

Prerequisites: Enrolment in GradDipEd (Primary/Secondary), or BEd (Early Childhood and Primary), or BEd (Secondary), or BEd (Secondary)/BSportsSc, or BEd (Secondary) (Graduate); enrolment in, or successful completion of, EDN245 Learning and Assessment Processes OR EDU242 Learning and Assessment: Theory and Practice; or EDU241 Processes of Learning and EDU244 Processes of Assessment or EDN221 Learning, Teaching and Assessment 1 and EDN222 Learning, Teaching and Assessment 2. Students without these prerequisites should contact the Unit Coordinator.

Students enrolled in the Special Needs Education minor or the Inclusive Education minor should enrol in the 6-point version of this unit (EDN3342).

Inclusive Education (EDN3342)*As for EDN334 except:*

Credit Points: 6

MURDOCH: S2-internal, S2-external

Lectures: 1 hour per week; workshops: 2 hours per week plus 5 days of field experience.

Prerequisites: Enrolment in the Bachelor of Education (Primary) and Inclusive Education minor; EDU245 Learning and Assessment Processes; or EDU241 Processes of Learning and EDU244 Processes of Assessment; or EDU242 Learning and Assessment: Theory and Practice or equivalent. Students without the prerequisite should consult the Unit Coordinator.

Exclusions: Students who have successfully completed EDU3802 Inclusive Education may not enrol in this unit for credit.

An equivalent of five days of field experience in an education setting is associated with assessment in this unit.

Inclusive Education (EDN349)*As for EDN334 except:*

Credit Points: 3

Not available this year

Inclusive Education (EDN449)*As for EDN334 except:*

Credit Points: 3

Not available this year

Inclusive Education: Contemporary Perspectives and Practices (EDN509)

Credit Points: 3

MURDOCH: S1-external

This unit aims to develop an understanding of inclusive education policy and practice across contexts. It explores factors that support education systems and classroom teachers to provide quality learning environments for all students, in particular, those with disabilities and a range of difficulties with learning or those who are gifted. Participants may pursue topics of interest such as: inclusive education policy and pedagogy; whole school and classroom practices; assessment and planning; instructional strategies and collaboration and consultation.

No attendance required. On-campus meetings are usually available at the discretion of the Unit Coordinator.

Prerequisites: Enrolment in a Postgraduate qualification in Education, or a Masters or Doctoral degree in Education, or permission of the Unit Coordinator.

Indigeneity, Critical Theory and Social Justice (AIS303)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit introduces students to critical theory: its origins, history and current usefulness, particularly as relates to the needs and interests of Indigenous scholars. It examines, among other things, post-colonial theory; the post-modern 'turn;' feminist and Queer critical theory, and Indigenous research methodologies.

Lecture: 1 hour per week; Tutorials: 2 hours per week

Prerequisites: Nil.

Indigeneity, Critical Theory and Social Justice (AIS307)

As for AIS303 except:

Credit Points: 3

Not available this year

Indigenous Health (NUR152)

Credit Points: 3

PEEL: S2N-internal

This unit will provide the student with a broad overview of Indigenous history, culture, social and economic circumstances that can be applied to Indigenous healthcare issues. Issues to be included are current determinants of Indigenous health, cross-cultural communication, Indigenous primary healthcare, rural and remote issues, sociocultural, economic and Aboriginal community controlled health services and strategies for delivery of effective Indigenous health services. Implications for nursing care will be examined.

Lecture: 1 hour per week; tutorials: 2 hours per week

Prerequisites: Nil.

Exclusions: Students who have successfully completed NUR234 Indigenous Culture and Health Care may not enrol in this unit for credit.

Indigenous Spirituality (AIS240)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Spirituality for Indigenous Australians takes many forms and embodies many practices. Some of these have been profoundly influenced by the impact of colonialism, hence the fact that many Indigenous Australians share the beliefs and values of religions introduced from other cultures. At the same time, many other Indigenous people's religious beliefs derive from a sense of belonging to the land, the sea, other people and one's culture.

Lecture: 1 hour; workshop: 2 hours.

Prerequisites: Nil.

Exclusions: AIS250 Special Topics in Australian Indigenous Studies: Indigenous Spirituality.

Indigenous Spirituality (AIS241)

As for AIS240 except:

Credit Points: 3

Not available this year

Indigenous Tourism Issues (TOU211)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit is concerned with the involvement of indigenous peoples in tourism. It examines the impacts of tourism on indigenous peoples from the emic and etic points of view along the spectrum from commoditisation of culture and the 'museumisation' of peoples, to the role of tourism in resurrecting and strengthening the value of indigenous practices and culture. Case studies include Aboriginal Australia, the South Pacific, Asia and East Africa. Participation in field trips on a cost recovery basis is required.

Lectures/tutorials: 3 hours per week; occasional field trips.

Prerequisites: Nil. Recommended: TOU201 Sustainable Tourism.

Indigenous Tourism Issues (TOU231)

As for TOU211 except:

Credit Points: 3

Not available this year

Indonesian 1 (IND101)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This is a beginning unit for students who have no previous knowledge of Indonesian. The emphasis is wholly on conversation, with reading and writing skills based on conversational materials.

Language workshops: 3 hours per week (hours may be adapted to class size).

Prerequisites: Nil. Co-requisite (for all students): Internet access. Microphone (for external students).

Exclusions: 1. Native speakers of Indonesian or Malay.
2. Students from countries where Indonesian or Malay is a partial or complete medium of instruction on the educational system. Students who have successfully completed IND161 Indonesian I A cannot enrol for credit in this unit.

Advanced students including those who have WACE qualification in Indonesian as Second Language or equivalent should consult the Unit Coordinator to determine level of entry.

Indonesian 2 (IND102)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit is a continuation of Indonesian 1A. The emphasis is wholly on conversation, with reading and writing skills based on conversational materials.

Language workshops: 3 hours per week. (hours may be adapted to class size).

Prerequisites: IND101 Indonesian 1. Co-requisite (for all students): Internet access. Microphone (for external students).

Exclusions: 1. Native speakers of Indonesian or Malay.
2. Students from countries where Indonesian or Malay is a partial or complete medium of instruction on the educational system. Students who have successfully completed IND162 Indonesian I B cannot enrol for credit in this unit.

Advanced students including those who have WACE qualification in Indonesian as Second Language or equivalent should consult the Unit Coordinator to determine level of entry.

Indonesian 2A (IND261)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit comprises four components: reading, speaking, listening comprehension, and writing. Translation, grammar and style are taught in relation to these components.

Language workshops: 3 hours per week (hours may be adapted to class size).

Prerequisites: IND162 Indonesian. Co-requisite (for all students): Internet access.

Exclusions: 1. Native speakers of Indonesian or Malay.
2. Students from countries where Indonesian or Malay is a partial or complete medium of instruction on the educational system.

Advanced students including those who have WACE qualification in Indonesian as Second Language or equivalent should consult the Academic Chair of Asian Studies to determine level of entry.

Indonesian 2B (IND262)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit comprises four components: reading, speaking, listening comprehension, and writing as a continuation of IND261 Indonesian 2A. Translation, grammar and style are taught in relation to these components.

Language workshops: 3 hours per week (hours may be adapted to class size).

Prerequisites: IND261 Indonesian 2A. Co-requisite (for all students): Internet access.

Exclusions: 1. Native speakers of Indonesian or Malay.
2. Students from countries where Indonesian or Malay is a partial or complete medium of instruction on the educational system.

Advanced students including those who have WACE qualification in Indonesian as Second Language or equivalent should consult the Academic Chair of Asian Studies to determine level of entry.

Indonesian 3 (IND201)

Credit Points: 3

Not available this year

Indonesian 3A (IND361)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit develops strengths in conversation, reading, listening comprehension and writing, with grammar and style taught in relation to these components. Indonesian is used increasingly in instruction and class communication

Language workshops: 3 hours per week (hours may be adapted to class size).

Prerequisites: IND262 Indonesian 2B. Co-requisite (for all students): Internet access.

Exclusions: 1. Native speakers of Indonesian or Malay.
2. Students from countries where Indonesian or Malay is a partial or complete medium of instruction on the educational system.

Advanced students including those who have WACE qualification in

Indonesian as Second Language or equivalent should consult the Academic Chair of Asian Studies to determine level of entry.

Indonesian 3B (IND362)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit develops strengths in conversation, reading, listening comprehension and writing, with grammar and style taught in relation to these components. Indonesian is used increasingly in instruction and class communication.

Language workshops: 3 hours per week (hours may be adapted to class size).

Prerequisites: IND361 Indonesian 3A. Co-requisite (for all students): Internet access.

Exclusions: 1. Native speakers of Indonesian or Malay.
2. Students from countries where Indonesian or Malay is a partial or complete medium of instruction on the educational system.

Advanced students including those who have WACE qualification in Indonesian as Second Language or equivalent should consult the Academic Chair of Asian Studies to determine level of entry.

Indonesian 4 (IND202)

Credit Points: 3

Not available this year

Indonesian 5 (IND203)

Credit Points: 3

Not available this year

Language workshops: 3 hours per week (hours may be adapted to class size).

Prerequisites: IND102 Indonesian 2. Microphone (for external students).

Indonesian 6 (IND301)

Credit Points: 3

Not available this year

Indonesian 7 (IND302)

Credit Points: 3

Not available this year

Indonesian Advanced Language Project (IND652)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This unit is designed primarily for students who have completed one year of in-country Indonesian language studies, and aims to develop further advanced language proficiency. Students will examine some issues relevant to translation as well as doing advanced practical work in reading, translation and other skills using a range of contemporary materials

3 hours per semester or by negotiation.

Prerequisites: Enrolment in postgraduate level (AQF8 or AQF9) Asian Studies and permission of the Unit Coordinator.

Indonesian Language Project (IND452)

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This unit is designed primarily for students who have completed IND343 Semester in Asia -- Indonesia (S1+S2), and aims to build on language skills acquired during in-country study. It focuses on advanced reading and/or translation and other skills. Students will study some issues relevant to translation as well as doing practical work in reading, translation and other skills using a range of contemporary materials.

3 hours per semester or by negotiation.

Prerequisites: IND443 Semester in Asia -- Indonesia (S1+S2).

Permission to enrol may also be granted by the Unit Coordinator to background speakers of Indonesian and, under certain circumstances, to other students.

Indonesian Language Teachers Immersion (EDN303)

Credit Points: 4

MURDOCH: SUM-external

Through the Australian Consortium for 'In-Country' Indonesian Studies (ACICIS), students will study Indonesian Language and Indonesian Language Teaching Methodologies at a university in Indonesia.

This unit is taught over three weeks in January at Sanata Dharma University, Indonesia, and is designed to support the professional development of teachers of the Indonesian language. It consists of intensive classes on Indonesian language, teaching methods and materials development, together with out-of-class directed language activities, school visits and field trips.

90 hours over three weeks in Indonesia.

Prerequisites: Permission of the Academic Chair and selection by the Australian Consortium for In Country Indonesian Studies.

A result of Ungraded Pass or Fail is awarded for this unit.

Indonesian Language Teachers Immersion (EDN603)

Credit Points: 3

Not available this year

Through the Australian Consortium for 'In-Country' Indonesian Studies (ACICIS), students will study Indonesian Language and Indonesian Language Teaching Methodologies at a university in Indonesia.

This unit is taught over three weeks in January at Sanata Dharma University, Indonesia, and is designed to support the professional development of teachers of the Indonesian language. It consists of intensive classes on Indonesian language, teaching methods and materials development, together with out-of-class directed language activities, school visits and field trips.

90 hours over three weeks in Indonesia.

Prerequisites: Permission of the Academic Chair and selection by the Australian Consortium for In Country Indonesian Studies.

A result of Ungraded Pass or Fail is awarded for this unit.

Industrial and Commercial Energy Efficiency Technologies (PEC626)

Credit Points: 4

Not available this year

This unit is the second of two units that look at advanced methods in energy efficiency. Topics: heat exchangers, advanced process integration, boilers and steam distribution, cogeneration, electric motors, refrigeration and heat pumps, pumps and fans, dryers, separation and concentration processes.

External: no attendance required.

Prerequisites: PEC594 Energy Management or equivalent.

Enrolment in the Postgraduate/Graduate Certificate in Energy Studies, Postgraduate/Graduate Diploma in Energy and the Environment, Postgraduate/Graduate Diploma in Energy Studies or Master of Science in Renewable Energy. Co- or prerequisite: PEC425/PEC625 Energy Efficiency, System Analysis and Auditing.

This unit is taught externally/online by staff from Massey University with tutorial support from Murdoch staff.

Industrial Bioprocessing and Bioremediation (BIO301)

Credit Points: 4

MURDOCH: S2-internal

Microbes play a key role in industrial and environmental bioprocesses such as pharmaceutical and food production, waste treatment, renewable energy generation and environmental bioremediation. The principles of these bioprocesses are studied using a problem-based approach. The unit investigates how microbial reactions can be predicted and controlled and how oxygen, pH and other conditions affect different bioprocesses. Example topics are: pollutant biodegradation, algae culture, vitamin, antibiotic and beer/wine production, bioleaching, bio-fuels, bio-electricity, bioreactor design and control.

Lectures: 3 hours per week; 5 laboratory/tutorial sessions and a bioreactor group project over 2 weeks.

Prerequisites: CHE144/PEC144 Principles of Chemistry and BIO152 Cell Biology.

Industrial Bioprocessing and Bioremediation (BIO358)*As for BIO301 except:*

Credit Points: 3

Not available this year

Industrial Computer Systems Design (ENG447)*As for ENG454 except:*

Credit Points: 3

Not available this year

Industrial Computer Systems Design (ENG454)

Credit Points: 4

MURDOCH: S1-internal

This unit is concerned with the design, specification, and implementation of a process control system, with emphasis upon the industrial computer system, including the following aspects: operator interfaces, historical trending, alarms, interlocks, safety, I/O cabling and wiring, software architecture, point configuration, real-time database startup and shutdown, simulation, testing commissioning and documentation. The unit will require students

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to implement practical solutions to industrial problems drawing upon their background in preceding units.

Lectures: 2 hours per week; workshops: 2 hours per week; laboratories: 2 hours per week.

Prerequisites: ENG305 PLC Systems; ENG306 Realtime and Embedded Systems; ENG345 SCADA and Instrument Systems.

Summer Offering: enrolment only with the permission of the Engineering Academic Chair.

Industrial Instrumentation Technologies (ENG564)

Credit Points: 3

MURDOCH: S2-internal

This unit provides a review of instrumentation technologies. Research is targeted towards building upon understanding, knowledge and practices developed from more fundamental studies. Through this unit it is expected that an appreciation of modern instrumentation technologies and systems will be gained.

Meetings/laboratories: By arrangement with the Unit Coordinator.

Prerequisites: Enrolment in Master of Engineering or permission of the Engineering Academic Chair.

Industrial Signals and Systems (ENG514)

Credit Points: 3

MURDOCH: S2-internal

This unit aims to provide an understanding and practical experience with the acquisition, processing and analysis of signals obtained from typical engineering systems. It essentially represents a culmination of the material under the broad category of signals and systems. Although a range of theoretical concepts are addressed, emphasis is upon using modern computer-based hardware components and software packages. Acquisition, processing and analysis of signals from a broad range of engineering systems will be considered.

Meetings/laboratories: by arrangement with the Unit Coordinator.

Prerequisites: Nil.

Industry Practicum (BIO300)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal

This unit recognises the importance of appropriate work experience in an industry environment, enabling students to obtain appropriate credit points. Students wishing to participate must submit a proposal form available from the Unit Coordinator. Approval is based upon the merit of the proposal, the background of the student and the appropriateness of the placement. Students are encouraged to find their own placement. Upon completion of industry work students submit written reports on the work undertaken. Confidential projects will be considered.

Approximately 130 hours for the 4-point practicum; 98 hours for the 3-point practicum and 65 hours for the 2-point practicum.

Prerequisites: Completion of at least 48 points. Selection into this unit will be on a competitive basis because places are limited.

Infectious and Emerging Diseases (VET640)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit will provide students with the knowledge about emerging endemic and epidemic infectious diseases that have a significant impact on livestock production. Both infectious and non-infectious

diseases will be discussed and emphasis will be placed on those diseases with significant impact on trade, herd/flock productivity and human health.

Seminars as required.

Prerequisites: Enrolment in Master of Veterinary Studies in Veterinary Surveillance or permission of the Academic Chair.

Infectious and Parasitic Diseases (VET629)

Credit Points: 3

MURDOCH: S2-external (quota of 30 places)

This unit reviews diagnosis and treatment of the major infectious and parasitic diseases of companion animals with an emphasis on the organisms of greatest importance in the Australian and Asian regions. Zoonotic diseases and the principles of infectious disease control are also discussed.

External.

Prerequisites: Enrolment in the Master of Veterinary Studies in Small Animal Practice (M1022), or enrolment in the Postgraduate Certificate in Veterinary Studies in Small Animal Practice (C1074), or enrolment in the Postgraduate Certificate in Veterinary Studies in Small Animal Practice (International) (C1101).

This unit is subject to quota. Quota is due to limited resources. Selection is by application only.

Information Security Management (ICT357)

Credit Points: 4

MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

Security of resources and data is of the utmost priority. Looks at identifying and securing an organisation's data and information technology from strategic and tactical viewpoints. Students will study threats and vulnerabilities of systems security, and different methods of enforcing security, and appropriate methods for securing different types of systems. Ethics, legal issues and governance, students will gain experiential knowledge by completing tactical exercises that identify the vulnerability of organisations' information holdings and develop measures to protect these assets.

Lectures: 2 hours per week; seminars: 2 hours per week.

Prerequisites: Nil.

Information Security Policy and Governance (ICT380)

Credit Points: 3

Not available this year

Information Systems Management (ICT292)

Credit Points: 3

Not available this year

Information Systems Research Topic (ICT704)

Credit Points: 3

MURDOCH: S1-internal, S2-internal

The purpose of this unit is to introduce students to an advanced topic of current interest within the information systems research community. The exact topic studied in this unit varies as the topic will be taught by an active researcher in that area. Possible topics include: advanced human computer interaction, electronic

commerce, small business IT use.

Seminars: 2 hours per week.

Prerequisites: Enrolment in the Doctor of Information Technology.

Information Technology Project (ICT333)

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
SGP1: TJB-internal, TMB-internal, TSB-internal

This unit gives students a 'real-world' experience of project development in information technology by applying project management principles together with the skills developed in their IT majors. Teams take their project through all stages of the project development, culminating with a presentation of the project. Students gain practical experience in system planning, design and development, project coordination and team management, and communication with project clients and users. Students are expected to enrol in this unit in their final semester.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: ICT218 Databases or ICT362 Network Security, and minimum 24 points at Part II-level, but preferably having completed 32 points at Part II-level.

Information Technology Project Management (ICT508)

Credit Points: 3

MURDOCH: S1-internal

This unit will cover the practice of managing and developing large-scale IT systems. Possible topics include: Project planning, project life cycles/models, standards, project management tools, project control, monitoring and plan adjustment, project scope management, configuration management and version control, time management and scheduling, cost estimating, budgeting and control, risk management, software quality assurance, control and standards, project human resource management and project communication management, project procurement management, project closure.

Workshop: 3 hours per week.

Prerequisites: Enrolment in a graduate IT course or permission of the Academic Chair.

Exclusions: Students who have successfully completed ICT327 Management of IT Projects or ICT618 Information Technology Project Management may not enrol in this unit for credit.

Information Technology Research Dissertation (ICT678)

Credit Points: 12

MURDOCH: S1-internal, S1-external, S2-internal, S2-external,
Y-internal, Y-external

To enrol in this unit, students must submit a proposal for approval by the Academic Chair in consultation with an academic advisor. The purpose of the unit is to provide students with the skills, knowledge and experience to conduct research in information technology related areas. Students will be in regular contact with their academic supervisor. Students submit a literature review, several progress reports and a substantial final formal report for assessment.

Seminars/supervisor meetings: 1 hour per week average.

Prerequisites: Enrolment in Master of Science in Information Technology (Coursework and Dissertation).

Students cannot self-enrol in this unit.

Information Technology Research Methodologies (ICT477)

Credit Points: 4

MURDOCH: S1-internal

This unit is designed to provide an introduction to research for students in information technology areas. It will focus on issues in research methodology, including problem formulation, theory construction, research designs, measurement and validity. In addition the unit will cover identification of suitable information sources with an emphasis on the Internet as a research tool.

Lectures/workshops: 3 hours per week.

Prerequisites: Enrolment in an IT Honours course.

Information Technology Research Methods (ICT615)

Credit Points: 3

MURDOCH: S1-internal

This unit is designed to provide an introduction to research for students in information technology areas. It will focus on issues in research methodology, including problem formulation, theory construction, research designs, measurement and validity. In addition the unit will cover identification of suitable information sources with an emphasis on the Internet as a research tool.

Workshops: 3 hours per week.

Prerequisites: Enrolment in a graduate IT course or permission of the Academic Chair.

Exclusions: Students who have completed ICT650 Information Technology Research Methods may not enrol in this unit for credit.

Information Technology Strategy (ICT622)

Credit Points: 3

MURDOCH: S2-internal

This unit recognises the highly dynamic nature of IT development and its impact on strategic management. Techniques allowing changes to be understood, modelled and tracked in strategic IT management contexts are introduced. Topics include: IT strategy, strategic planning, strategic alignment maturity, the role of the CIO. IT organisational structure, IT governance, and IT human resource issues including outsourcing, change management and contract management.

Lectures/workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate IT course.

Innovation Management (PEC374)

Credit Points: 4

MURDOCH: S2-internal, S2-external

The unit studies project management of innovative projects, including setting milestones and critical path programming of projects to reach objectives. It also covers marketing methods as applied to selling environmental systems technology and professional services.

This unit will be run as an online unit with some lecture/workshop sessions.

Prerequisites: Nil.

Innovation Management (PEC674)*As for PEC374 except:*

Credit Points: 4

MURDOCH: S2-internal, S2-external

Prerequisites: Nil.

Instrument and Communication Systems (ENG321)*As for ENG345 except:*

Credit Points: 3

Not available this year

Instrument and Communication Systems (ENG345)

Credit Points: 4

MURDOCH: S2-internal

This unit provides a thorough understanding, knowledge and practical experience in SCADA, DCS and process oriented instrumentation systems. Topics include: Process instruments, types, sizing; pressure, flow, load, temperature and level instruments; control elements, hydraulic, pneumatic, electric, mechanical; process instrument and systems communication technologies, field-bus technologies; evolution of SCADA and DCS systems; system architectures; system integration and sizes; operator interfaces, alarm management, and process plant practices. The unit will include some site visits.

Lectures: 2 hours per week; workshops: 2 hours per week; laboratories: 4 hours per week.

Prerequisites: ENG262 Principles of Electronic Instrumentation; ENG267 Control Systems and Process Dynamics.

Instrumental Analysis (CHE340)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit develops the analytical expertise of students beyond the basic level of CHE/PEC240 Chemical Analysis by focusing on important, modern instrumental methods used for chemical analysis. The focus is on methods such as chromatography, thermal analysis, surface analysis, atomic, mass and vibrational spectroscopies, and radiochemical methods. Special emphasis is placed on emerging analytical technologies. Laboratory classes are organised so students gain valuable 'hands on' experience with instruments they may expect to see in commercial, industrial, and research laboratories.

Lectures: up to 4 hours per week; laboratories: 4 hours per week. External: compulsory 5 day on-campus laboratory session. Due to the nature of the laboratory sessions, students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to commencement of the teaching period.

Prerequisites: CHE/PEC240 Chemical Analysis.

Instrumentation and Control Systems Design (ENG420)

Credit Points: 4

MURDOCH: S1-internal

The unit provides a strong foundation in a number of advanced control topics such as Multivariable Systems, Relative Gain Array and its use in loop selection, Decoupler Design, Model Predictive Control, and HAZOP. The control techniques will be designed then implemented into an industrial Pilot Plant as well as a complex simulation case study and finally their performances are compared

using different control performance measures.

Lectures and workshops: 4 hours per week; laboratories: 3 hours per week.

Prerequisites: ENG304 Control Engineering I; ENG346 Control Engineering II; ENG303 Advanced Process Engineering or EXM224 Principles of Unit Operations.

Instrumentation and Control Systems Design (ENG445)*As for ENG420 except:*

Credit Points: 3

Not available this year

Insurance Law (LAW319)

Credit Points: 4

MURDOCH: S2-internal

An understanding of insurance law is important for both commercial and litigation lawyers. Most major commercial litigation involves at least one insurer. Commercial contracts often have insurance ramifications. In this unit students will gain an understanding of the special qualities of an insurance contract both at common law and pursuant to the Insurance Contracts Act 1984 (C'th). If time permits, marine insurance will also be covered.

Lectures: 3 hours per week.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract.

Insurance Law (LLB319)*As for LAW319 except:*

Credit Points: 3

Not available this year

Integrated Clinical Studies 1 (EQU041)

MURDOCH: S1-internal

This unit facilitates the integration and understanding of Small Animal Surgery, Avian, Exotic Pet and Wildlife Practice, Equine Practice, and Reproduction and Obstetrics.

Tutorials/workshops: 2 hours per week.

Prerequisites: This unit is restricted to Aboriginal and Torres Strait Islander students who entered Veterinary Science through the Waardong program.

Integrated Clinical Studies 2 (EQU042)

MURDOCH: S2-internal

This unit facilitates the integration and understanding of Small Animal Medicine, Cattle and Camelid Medicine, Production and Surgery, Small Ruminant Medicine and Production, and Intensive Industries Medicine and Production.

Tutorials/workshops: 2 hours per week.

Prerequisites: This unit is restricted to Aboriginal and Torres Strait Islander students who entered Veterinary Science through the Waardong program.

Integrated Clinical Studies 3 (EQUo43)

MURDOCH: S1-internal

This unit facilitates the integration and application of Clinical Rotations and Professional Practice Management.

Tutorials/workshops: 2 hours per week.

Prerequisites: This unit is restricted to Aboriginal and Torres Strait Islander students who entered Veterinary Science through the Waardong program.

Integrated Clinical Studies 4 (EQUo44)

MURDOCH: S2-internal

This unit facilitates the integration and application of Clinical Rotations, Professional Practice Management, and Special Assignments.

Tutorials/workshops: 2 hours per week.

Prerequisites: This unit is restricted to Aboriginal and Torres Strait Islander students who entered Veterinary Science through the Waardong program.

Integrated Early Childhood Curriculum (EDN322)

Credit Points: 4

MURDOCH: S2-internal, S2-external

ROCKINGHAM: S2-internal

This unit builds on EDN320/EDN3201/EDU322/3221 Principles and Practices in Early Childhood Education and explores curriculum implications for the pre and early primary years. It addresses integrated curriculum planning for children aged 3 to 8 years and continues to develop the links between theory and practice in early childhood education introduced in EDN320/EDN3201 Principles and Practices in Early Childhood Education.

Lectures: 1 per week; workshops: 2 hours per week.

Prerequisites: EDN320/EDN3201/EDU322/EDU3221 Principles and Practices in Early Childhood Education OR enrolment in the Graduate Certificate in Early Childhood Education. BEd students must also have successfully completed EDU101/EDU1011 Introduction to Teaching OR EDN111 Language for Learning and Teaching and EDN112/EDN1121 Understanding Teachers' Work.

Exclusions: Students who have successfully completed EDU323 Integrated Early Childhood Curriculum may not enrol in this unit for credit.

Integrated Early Childhood Curriculum (EDN354)*As for EDN322 except:*

Credit Points: 3

Not available this year

Integrated Early Childhood Curriculum for Educators (EDN522)

Credit Points: 3

MURDOCH: S2-internal, S2-external

ROCKINGHAM: S2-internal

This unit builds on EDN541 Advanced Principles and Practices in Early Childhood Education and explores curriculum for the pre and early primary years. It addresses integrated curriculum planning, programming, assessment and documentation for children aged 3 to 8 years with specific reference to the Australian National Curriculum and the Early Years Learning Framework. This unit continues to develop the links between theory and practice for teachers wishing to make early childhood their specialisation.

Lecture 1 hr/week, workshop 2 hrs/week

Prerequisites: Enrolment in the Graduate Diploma of Early Childhood Education and Care or the Graduate Certificate in Early Childhood Education.

Integrated Marketing Communications (BUS302)*As for BUS336 except:*

Credit Points: 3

Not available this year

Integrated Marketing Communications (BUS336)

Credit Points: 4

MURDOCH: S1-internal, S1-external

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TMA-internal

KDUPJ: S1U-internal

SGP1: TMB-internal

The learning objectives of this unit are premised on developing a practical understanding of marketing communication processes. Students will critically examine differences among various elements of the promotion mix (i.e. advertising, sales promotion, direct marketing, technology based marketing, sponsorships and public relations) to develop appropriate marketing communication strategies across myriad marketing environments.

Lectures/workshops: 3 hours per week.

Prerequisites: BUS273 Consumer Behaviour

Intellectual Property: Patents and Sui Generis Regimes (LAW379)

Credit Points: 4

Not available this year

This unit critically analyses Australian patent law by placing it in the global context of patent law. It discusses world-wide cutting-edge issues of law and policy relating to technological innovation and intellectual property in developed and developing countries. LAW375 Intellectual Property: Trade Marks and Copyright is NOT a prerequisite.

Lectures: 3 hours per week.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW260 Contract.

Exclusions: Students who have successfully completed L355 Intellectual Property may not enrol in this unit for credit.

Intellectual Property: Patents and Sui Generis Regimes (LLB379)*As for LAW379 except:*

Credit Points: 3

Not available this year

Intellectual Property: Trade Marks and Copyright (LAW375)

Credit Points: 4

Not available this year

The unit surveys two of the four main areas of intellectual property law: copyright and trademarks. LAW379 Intellectual Property: Patents and Sui Generis Regimes is NOT a prerequisite. Students will be asked to critically assess the cutting-edge issues of intellectual

property regimes, both nationally and internationally, in the context of the various social, economic and technological changes that characterise 'globalisation'.

Lectures: 3 hours per week.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW260 Contract.

Exclusions: Students who have successfully completed L355 Intellectual Property may not enrol in this unit for credit.

Intellectual Property: Trade Marks and Copyright (LLB375)

As for LAW375 except:

Credit Points: 3

Not available this year

Intelligent Systems (ICT219)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit provides an introduction to fundamental concepts and techniques of intelligent systems by studying the uses of artificial intelligence in computer games. The embedding of software controlled agents in a virtual game environment allows basic concepts of perception, behavioural control and action to be studied in a vivid and engaging fashion. Topics: introduction to artificial intelligence, agents, bots and the game AI approach, knowledge representation, state machines, rule-based systems, machine learning, neural networks and genetic algorithms.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: ICT104 Principles of Computer Science or enrolment in a postgraduate IT course.

Intelligent Systems (ICT319)

As for ICT219 except:

Credit Points: 3

Not available this year

Intelligent Systems Applications (ICT619)

Credit Points: 3

MURDOCH: S2-internal

An overview of the application of Artificial Intelligence (AI) and Soft Computing, and associated theory and techniques used in developing intelligent systems. Emphasis is on business and management although the principles are equally applicable in science and engineering. Upon completion students should be able to evaluate intelligent systems and manage the application of various tools available for developing such systems. Topics: expert systems, artificial neural networks, fuzzy systems, genetic algorithms, data mining, case-based reasoning, intelligent agents and natural language processing.

Lectures/workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate IT course.

Intensive Industries Medicine and Production (VET451)

Credit Points: 2

MURDOCH: YM-internal

The course covers the diagnosis, treatment, prevention and control of diseases of intensively farmed species with emphasis on pigs and poultry. Particular emphasis is placed on the prevention of disease and correction of management and nutritional factors affecting production. The general principles involved in the investigation of herd and flock problems and formulation of herd and flock health and production programs is emphasised.

Lectures: 24 hours; practicals: 12 hours.

Prerequisites: Enrolment in Applied Veterinary Medicine. Completion of VET459 Surgical Secrets, VET456 Anaesthesia, Emergency and Critical Care, VET462 Veterinary Diagnostic Imaging, VET461 General Small Animal Practice.

Interaction Design (ICT396)

Credit Points: 3

Not available this year

Interaction Design (IDD379)

As for MCC379 except:

Credit Points: 3

Not available this year

Interaction Design (MCC379)

Credit Points: 4

MURDOCH: S1-internal

This unit explores the theory and practice of interaction and interface design particularly in relation to interaction mediums such as the web, screen devices and games. A range of interaction design methods will be explored such as user experience design, goals centred design, prototyping, usability testing, information architecture and interface design.

Lecture: 1 hour; tutorials: 2 hours.

Prerequisites: Nil.

International Aid and Development (SUS309)

Credit Points: 3

Not available this year

International and Australian Criminal Law (CRM219)

Credit Points: 3

Not available this year

This unit takes a primarily theoretical approach, and will introduce students to the Criminal Law in Western Australia. Students will study legislation, predominantly the Western Australian Criminal Code, and become familiar with the laws of criminal responsibility. In particular, students will learn the elements of fatal offences, nonfatal offences and offences against property, as well as the defences which may be raised. Throughout the unit, policy issues which underlie the criminal law will be raised and discussed.

International Business (MBS630)

Credit Points: 4

DUBAI-ISC: TJD-internal, TSD-internal
SGP1: TJP-internal

Prepares managers for the globalisation of business. Explores requirements for effective cross-cultural management and strategies for exploiting cultural diversity in the workplace to achieve competitive advantage. Topics: cultural analysis; comparing cultures; culture and organisational structures; patronage relationships; cross-cultural communication; motivation and conflict resolution; international negotiation skills; Chinese family business strategies; international joint ventures; international staffing policies; Asia as a market, resource base and source of learning; business-government relationships; headquarters, regional headquarters and subsidiary control and coordination.

Lectures/seminars/workshops: 3 hours per week

Prerequisites: Enrolment in a postgraduate-level course.

Exclusions: Students who have successfully completed C551 Asia Pacific Business Strategies and/or C555 Cross-Cultural Management may not enrol in this unit for credit.

International Business (MBS675)*As for MBS630 except:*

Credit Points: 3

MURDOCH: S2-internal, S2-external

International Business Negotiations (MBS636)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit analyses the nature of negotiation, examines negotiating strategies, tactics, processes and considers impacts of emotion on the negotiating process. This unit is aimed at equipping managers with the tools necessary to enable them to effectively participate and engage in cross-cultural negotiations.

Lectures: 2 hours per week; tutorials: 1 hour per week. When offered in intensive winter term there will be at least four hours of lectures per week.

Prerequisites: Enrolment in a postgraduate course.

International Education: Issues and Practices in Schools (EDN513)*As for EDU613 except:*

Credit Points: 3

MURDOCH: SB6-internal, SP3-internal

International Education: Issues and Practices in Schools (EDU613)

Credit Points: 4

DUBAI-ISC: TMD-internal

This unit introduces historical and contemporary issues and practices related to international education, schools, teachers and students. A range of international curricular are examined but the focus is on International Baccalaureates Primary Years Program, Middle Years Program and Diploma Program. The unit includes field experience in IB schools (for non-IB teachers). The development of a Teaching Portfolio will be ongoing including the remaining units in the course.

Authorised and aligned to IB Teacher Award Level 1 criteria.

Five-day intensive program delivered on campus including time in

IB schools to contextualise theory and practice. Dubai offering is aligned with teaching period.

Prerequisites: Enrolment in a graduate Education course.

This unit is for qualified teachers.

International Finance (BUS322)

Credit Points: 4

MURDOCH: S2-internal, S2-external

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TMA-internal

SGP1: TMB-internal

Topics: foreign exchange markets, futures, options, forward markets and currency swaps, determination of exchange rates, purchasing power parity, interest rate parity, hedging and the management of foreign exchange risk, asset and liability management for the multinational corporation, international portfolio investment.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS244 Treasury Management.

International Finance (BUS330)*As for BUS322 except:*

Credit Points: 3

Not available this year

International Financial Markets and Institutions (BUS290)

Credit Points: 4

MURDOCH: S1-internal, S1-external

KAPLAN-SGP: TMA-internal

SGP1: TMB-internal

This unit provides a comprehensive analysis of the global financial system, with particular focus on the financial markets of Australia, China and the U.S. The unit also analyses current theories, issues and institutions relevant to the global trading system. The dominant theme of this Unit is the interdependence of the trading and financial systems in an increasingly globalised market.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS161 Introduction to Economics.

Exclusions: Students who have completed BUS290 Money Markets may not enrol in this unit for credit.

This unit is also available via Open Universities Australia (OUA).

International Financial Markets and Institutions (BUS390)*As for BUS290 except:*

Credit Points: 3

Not available this year

International History (SWM633)

Credit Points: 3

MURDOCH: S1-internal

This unit examines the international history of the modern state system, from the Peace of Westphalia (1648) until the end of the Cold War (1989), focusing on themes such as the nature of sovereignty; the formation and implementation of foreign policy; the role of diplomacy and political leadership; the development of international organisation; and the origins and ending of wars.

Students will use contemporary documents to engage with key problems and to test the interpretive frameworks of modern historiography.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

International Human Rights Organisations (LLB376)

Credit Points: 3

GENEVA: S2G-internal

Focuses on the nature, origins, and operations of international human rights organisations framework, including looking at the United Nations, associated organisations and NGOs. Topics covered include treaties, mechanisms and the application of standards relating to international human rights law. Students will also learn how these organisations operate in practical terms, their role in promoting and enforcing human rights, and their practical strengths and limitations.

Seminars/lectures: 10 hours per week, taught intensively.

Prerequisites: LAW152 Torts, LAW130 Criminal Law and Procedure, LAW258 Australian Administrative Law, LAW259 Constitutional Law.

The S2G enrolment option for this unit is offered as part of the International Human Rights Law Program in Geneva, Switzerland. Enrolment in this program is by application. Students enrolling in the program are responsible for their own airfares, accommodation and incidental expenses during the program. Contact the School of Law for further information.

International Law (LLM601)

Credit Points: 3

MURDOCH: S1-internal

This unit deals with the fundamentals of public international law as the legal basis of international relations, aiming to provide students with a working knowledge and understanding of the fundamental principles on which this area of law rests. Topics include the history of public international law, its sources, the subjects of international law, concepts such as legal personality and sovereignty, the relationship between international and domestic law, the peaceful settlement of disputes and the use of force in international law.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

International Management (BUS323)

Credit Points: 4

MURDOCH: S1-internal, S1-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

This unit aims to provide a framework for the analysis of problems and issues in managing an international business. The focus is on contemporary worldwide issues of competitiveness and how these are influenced by the cultural, political and economic environments. Topics: cross-cultural management issues; international strategic planning; international organisational

structures; cross-cultural communication, decision-making, motivation and leadership; expatriation and repatriation of managers; and international human resource management and labour relations.

Lectures: 2 hours per week; seminar: 1 hour per week.

Prerequisites: BUS240 Organisation and Management Development or BUS223 Organisational Theory and Behaviour.

International Management (BUS344)

As for BUS323 except:

Credit Points: 3

Not available this year

International Marketing (BUS321)

Credit Points: 4

MURDOCH: S2-internal, S2-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

International Marketing is necessary for firms wishing to participate in the global economy. The unit will focus on key elements that a firm must assess when planning to commence, or continue, marketing its product overseas. Students will cover everyday issues associated with international marketing, particularly where they differ from domestic marketing. The basic approach and principles build on the information in the prerequisite units.

Lectures/workshops: 3 hours per week.

Prerequisites: BUS273 Consumer Behaviour.

International Marketing (BUS343)

As for BUS321 except:

Credit Points: 3

Not available this year

International Political Economy (POL298)

As for POL299 except:

Credit Points: 3

Not available this year

International Political Economy (POL299)

Credit Points: 4

MURDOCH: S1-internal, S1-external

An introduction to the subject of international political economy, the unit reviews key conceptual approaches to the politics of the world economy, examining major issues in economic globalisation (trade, finance, multinational corporations, and international institutions), before considering major debates and controversies over contemporary issues including development, globalisation and the rise of new economic powers. Students will develop an understanding of the politics of the global economy, and gain the critical skills to engage with major contemporary international economic challenges.

Up to 3 hours per week.

Prerequisites: Nil.

Students who have successfully completed POL299 Politics of Globalisation may not enrol in this unit for credit.

International Political Economy (SWM632)

Credit Points: 3

MURDOCH: S2-internal

This unit traces the evolution of the global economy since the 1940s and identifies the main forces shaping its development. It examines the current debates in International Political Economy (IPE), identifying their strengths and weaknesses, and considers strategies for reforming the IPE in line with changing norms of global governance. It equips students with the analytical capacity essential for comprehending the key structural and political factors shaping the settings for economic policy and markets at the national and international levels.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Exclusions: Students who have successfully completed POL699 Politics of Globalisation may not enrol in this unit for credit.

International Politics (POL224)

Credit Points: 3

Not available this year

This unit provides a critical understanding of both the practicalities of the political relationships that comprise world order, and the theoretical perspectives which seek to understand these relationships. The unit examines the nature of the modern state, international relations theory, the evolving nature of diplomacy, international political economy, the role of non-state actors, and security matters (including human and environmental security) in contemporary world affairs.

International Relations Theories (SWM634)

Credit Points: 3

MURDOCH: S1-internal

This unit introduces students to theories of International Relations relevant to the study of international conflict, peace, security and dynamics in the global political economy. It will examine various articulations of neorealist, neoliberal, constructivist, critical, feminist and other bodies of intellectual theory. The unit provides students with the theoretical frameworks to interpret the constraints and opportunities facing public and private policymakers trying to embark on collective international action and national regulation.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

International Security and Strategy (SWM635)

Credit Points: 3

MURDOCH: S2-internal

This unit examines different approaches to global security, including traditional and critical security frameworks. Through an exploration of key themes such as UN peacekeeping and peace-building, nuclear proliferation problems, human security and terrorism, the unit equips students with analytical tools for understanding different policy responses at national and international levels to a range of security problems. These tools are an essential basis for strategies and policies to ameliorate risks for both governmental and non-governmental organisations.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Exclusions: Students who have successfully completed POL608 International Security and Strategy may not enrol in this unit for credit.

International Security Studies (POL291)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit defines international security broadly to incorporate political, societal, military, environmental, economic and technological factors. After examining the competing theories of international politics and different conceptions of security, the focus shifts to the post-Cold War international system and especially the roles of the United Nations and international law in international security. It utilises case studies from various regions to explain the changing dimensions of security.

Lectures 1.5 hour per week; tutorials 1 hour per week.

Prerequisites: Nil.

International Security Studies (POL345)*As for POL291 except:*

Credit Points: 3

Not available this year

International Study Tour (BUS352)

Credit Points: 4

MURDOCH: W-internal (quota of 15 places)

This short stay (15 to 22 days) international study tour provides an in-country cross-cultural experience of civilisation, art, music, business, politics, history, language, life and business of the destination country. It is designed to increase a student's international exposure and develop global-mindedness. Coursework occurs before, during and after the tour. Students are advised to email MBSStudytour@murdoch.edu.au for further details.

Lectures: 12 hours contact pre Study Tour.

Prerequisites: Approval of the Unit Coordinator based on references and letter of intent.

This unit is available to all undergraduate students through the application process. This is an elective unit. Students wishing to undertake this unit may require approval for a program variation from their Academic Chair.

The tour costs will include return airfares, airport transfers, accommodation, tours, transport through Europe, Business and University visits and some meals as arranged by Murdoch University. Prices are subject to exchange rate fluctuations. Students are also required to pay for their own incidental expenses, including passport, visa, taxis, vaccinations, personal health items, personal shopping and some meals.

This unit is subject to quota. Quota is due to the limited number of places available on the study tour. Students must have completed at least 24 points of their undergraduate degree. Selection is by application only.



International Trade and Development (BUS309)

Credit Points: 3

Not available this year

International Trade Law (LLB311)

Credit Points: 3

IMACERATA: S2G-internal

Consider contemporary policies and legal issues in international trade regulation. Examine the concept of free trade and the international structures that foster the liberalisation of international trade.

Taught intensively over one week: refer to Teaching Timetable for details.

Prerequisites: All Part I units in the Bachelor of Laws.

This unit is subject to quota. Quota is due to limited resources. Preference may be given to students in Law in their final year.

Internet Systems Programming (ICT336)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit is an advanced course in Internet and Web technologies. Topics include: Introduction to Web 2.0 technologies, management of web servers, design and implementation of Rich Internet Applications, XML and associated tools and technologies, and developing Web Service applications. The unit gives practical programming experience in the context of HTTP, XML, IIS, Web Services, RIA and ASP.NET.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: ICT211 Web Computing.

Exclusions: Students who have taken ICT336 Advanced Internet Computing may not take this unit for credit.

Internet Systems Programming (ICT375)*As for ICT336 except:*

Credit Points: 3

Not available this year

Internship (SHP648)

Credit Points: 6

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This unit enables students to undertake an industry based internship project over one semester in the areas of health management, quality, risk, clinical or corporate governance in a health or aged care service. The internship project will be organised to suit a student's location, available hours and will be conducted under the supervision of the lecturer and nominated preceptor. Students will benefit through working with experienced health professionals and being responsible for the design implementation or evaluation of a project.

A workplace based placement will be negotiated by the student in consultation with the lecturer. The placement will be conducted over an equivalent of one day per week for the 14 teaching weeks of the semester.

Prerequisites: Enrolment in a postgraduate course.

Exclusions: Students who have successfully completed NUR648 Internship may not enrol in this unit for credit.

Introduction to 3D Graphics and Animation (ICT101)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit introduces the fundamentals of computer graphics, animation, audio and video, which is essential for multimedia and digital content development. Tools and techniques used for the creation, manipulation and transformation of visual and audio information are introduced. Topics include: understanding of bitmap and vector graphics; processing graphics; 2-D and 3-D geometry; nature of 3-D graphics; use of vectors and matrices in graphics; geometric manipulation of 3-D graphics; shading; animation; audio; video.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: Nil.

Exclusions: Students who have successfully completed ICT217 Digital Images, Graphics and Audio may not enrol in this unit for credit.

Introduction to Accounting (BUS160)

Credit Points: 3

DUBAI-ISC: TMD-internal

This unit provides an introduction and broad overview of fundamental financial and management accounting concepts. The unit is suitable for anyone undertaking a commerce degree as it introduces students to concepts and practices necessary for a basic understanding of business reports. The topics addressed in financial accounting include the accounting equation, cash vs accrual accounting, Australian Accounting Standards, and financial statement analysis. Management accounting topics include an introduction to budgeting, CVP analysis and cost behaviour.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Introduction to Administrative Law (LEG153)

Credit Points: 3

MURDOCH: S2-internal

This unit explores how the government's exercise of administrative discretion is controlled. It outlines when, and how, administrative decisions are reviewable and the means by which government maintains accountability. State and Commonwealth administrative review powers are considered together with specialist administrative review bodies/tribunals, as well as Freedom of Information legislation and the function of the Ombudsman. The role of administrative law in areas of topical interest such as the environment, equal opportunity, and immigration are also considered as appropriate.

Lectures/seminars: up to 3 hours per week.

Prerequisites: LEG150 Australian Legal System/LEG150 Introduction to Legal Studies or co-requisite with LEG150 Australian Legal System/LEG150 Introduction to Legal Studies.

Exclusions: Students enrolled in the LLB/BA (Criminology) joint degree may not enrol into LEG153 Introduction to Administrative Law.

Introduction to Administrative Law (LEG253)

Credit Points: 3

Not available this year

This unit explores how the government's exercise of administrative discretion is controlled. It outlines when, and how, administrative decisions are reviewable and the means by which government maintains accountability. State and Commonwealth administrative review powers are considered together with specialist administrative review bodies/tribunals, as well as Freedom of Information legislation and the function of the Ombudsman. The role of administrative law in areas of topical interest such as the environment, equal opportunity, and immigration are also considered as appropriate.

Lectures/seminars: up to 3 hours per week.

Prerequisites: LEG150 Australian Legal System

Exclusions: Students who have successfully completed LEG153 Introduction to Administrative Law may not enrol in this unit for credit.

Introduction to Applications of Psychology (PSY171)

Credit Points: 3

KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

Psychological study and practice covers the vast spectrum of all human behaviour and thought. This unit will explore some of the more interesting issues faced when working as a psychologist. The unit will focus on how psychologists work in such areas as: child development and education; counselling and treatment of clinical disorders; organisational management and human resources; and many more specialist areas. This unit will also cover issues of professionalism, ethics, regulation and the practicalities of becoming a psychological professional.

Lectures/tutorials/laboratories/seminars: 3 hours per week.

Prerequisites: Nil.

Introduction to Audio Production (SOU101)

Credit Points: 3

MURDOCH: S2-internal (quota of 90 places)

This is a content creation-focused unit that introduces the principles of analogue audio which relate to all types of audio production. Digital audio theory and newer audio technologies such as MIDI, digital audio workstations and virtual instruments are also introduced. Audio technologies offering less traditional types of composition strategies and manipulation are also explored. The unit is set against the background of an emerging research area centred on what it means to be a digital musician or audio producer.

1 hour lecture: 1.5 hours workshop

Prerequisites: Nil.

This unit is subject to quota. Quota is due to space and equipment constraints and the supervision demands of a production environment. Preference will be given to students in BA Sound or BA Radio.

Introduction to Australian Biodiversity (BIO157)

Credit Points: 3

MURDOCH: S2-internal

This unit introduces students to the major groups of Australian plants and animals. In doing so it illustrates: the major characteristics of our unique flora and fauna; how their form is adapted to habitat; their relative importance in the ecology of

Australia; their cultural significance; and the threats to their existence. The practicals concentrate on developing skills to identify major groups of plants and animals, using examples from the biodiversity-rich regions of Western Australia.

Lectures: 2 hours per week; practicals: 3 hours per week.

Prerequisites: Nil.

Introduction to Australian Indigenous Studies (AIS180)

Credit Points: 3

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

Australian Indigenous studies is a dynamic intercultural and interdisciplinary field of inquiry. This unit introduces students to the discipline of Indigenous studies and some of the areas of specialisation at Murdoch. This unit explores the importance of positioning yourself as a student of Indigenous studies and the concept of negotiating speaking positions when working with Indigenous people and knowledges. Finally, the unit considers the cultural, political and pedagogical future of Indigenous Studies.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Introduction to Biochemistry and Nutrition (CHI281)

Credit Points: 4

MURDOCH: S1-internal

Knowledge of intermediary metabolism is central to the understanding of the healthy metabolic state in humans, from which disturbances in metabolism associated with disease and principles of treatment can be appreciated. The unit emphasises an understanding of metabolism and metabolic principles which provide a foundation for basic human nutrition. Students will gain an understanding of basic nutrition, nutritional tools and resources. Upon completion, students will be able to apply the basic principles of biochemistry and nutrition in their professional practice.

Lectures: up to 6 hours per week; practicals/tutorials/workshops: up to 4 hours per week.

Prerequisites: BIO152 Cell Biology, BMS101 Introduction to the Human Body.

Exclusions: Students who have successfully completed CHI213/EXS213 Nutrition may not enrol in this unit for credit.

Introduction to Chemical Concepts (CHE145)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit provides principles of physical, inorganic and organic chemistry that are required for further studies in the chemical and related sciences. Topics covered include electronic structure, molecular orbitals and reactivity, principles of spectroscopy, physicochemical properties of solids, liquids and gases, trends in properties of inorganic compounds, Lewis acids and bases, nomenclature, isomerism and basic reactions of coordination compounds, redox reactions and electrochemistry, and fundamentals of organic reaction mechanisms. These concepts are supported by practical exercises in the laboratory.

Lectures: 3 hours per week; laboratories: 3 hours per week.

Prerequisites: CHE140 Fundamentals of Chemistry (or equivalent); CHE144 Foundations of Chemistry (may be studied concurrently).



Introduction to Clinical Studies (EQU036)

MURDOCH: S2-internal

This unit extends and consolidates students' discipline specific skills and understanding of VET456 Anaesthesia, Emergency and Critical Care, VET462 Veterinary Diagnostic Imaging, VET461 General Small Animal Practice and VET459 Surgical Secrets.

Tutorials: 8 hours per week.

Prerequisites: This unit is restricted to Aboriginal and Torres Strait Islander students who entered Veterinary Science through the Waardong program, and are in the third year of the veterinary course.

Introduction to Communication (CMS100)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit teaches theoretical foundations and practical skills in communication. In the first section, you will learn about the key theories and approaches to the study of communication. You will have the opportunity to develop strong skills in persuasion and argumentation with clear, organised thinking. In the second section, you will analyse oral communication and learn the principles of public speaking and interpersonal communication. The final section will focus on helping you to improve your writing and editing skills.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MCC108 Introduction to Communication and Media may not enrol in this unit for credit.

Introduction to Communication and Media (MCC108)

Credit Points: 3

DUBAI-ISC: TJD-internal, TSD-internal

This unit introduces students to foundational concepts and theories pertinent to the study of media, and its relations to culture and society. Media is understood as a global discourse that is traditional and contemporary, incorporating historical and new perspectives. We explore the role media plays in shaping institutions, identities and legal and ethical positions. Students will have opportunities to think critically about media and culture via mixed modes of assessment, including research papers, presentations, web-based interactions and regular journals.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MCC108 Introduction to Mass Communication; or MSC134/MCC134 Media Industries ; or MCC108 Introduction to Communication and Culture or MCC108 Introduction to Communication and Media may not enrol in this unit for credit.

Introduction to Community Development (COD125)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit introduces students to sociological approaches to community development, with particular reference to its application in the Australian context. It will examine the emergence of the concept of community development and its meanings across diverse areas of practice. A key focus of the unit will be challenges posed by matching theory and practice in community development.

Towards this end students will be expected to become familiar with, and aware of the limitations of key methodologies in community development.

Lectures/tutorials: up to 3 hours per week.

Prerequisites: Nil.

Introduction to Computer Science (ICT102)

Credit Points: 3

DUBAI-ISC: TJD-internal, TSD-internal

This unit introduces key aspects of computer science including data storage and manipulation, and problem solving using a high-level programming language. Topics: the components of a modern computer system; fundamental concepts of data storage; function of operating systems; algorithms and problem solving; fundamental aspects of a programming language including data types, input/output, simple selection and iteration control structures, procedural and data abstraction, one-dimensional arrays and strings.

Lectures: 2 hours per week; tutorials: 3 hours per week (1 hour unsupervised).

Prerequisites: Nil.

Exclusions: Students who have successfully completed ENG108 Engineering Computing I may not enrol in this unit for credit.

Introduction to Creative Arts Therapies in Counselling (CSL676)

Credit Points: 3

MURDOCH: S2-internal

Creative Arts Therapies provide a context for the intentional use of arts processes for therapeutic goals; allow non verbal experience to be expressed in a counselling context; and facilitate the exploration of connections between clients' internal experience and its expression. Students are introduced to these therapies both experientially and theoretically. The creation of imagery, movement, enactment, reflective practice and group discussion are fundamental tools to learn how to flexibly engage with human experience in a wide range of contexts.

Lectures: 3 hours per week.

Prerequisites: Completion of CSL582 previously PSY582/531 Principles of Counselling 1, CSL566 previously PSY527 Case Conceptualisation and Assessment in Counselling, CSL578 previously PSY578/535 Counselling Children and Adolescents and completion of or concurrent enrolment in CSL581 previously PSY581/528 Group Counselling, CSL583 previously PSY583/530 Counselling Adults, or by permission of the Counselling Academic Chair.

Exclusions: Students who have successfully completed PSY676 Counselling: Introduction to Creative Arts Therapies may not enrol in this unit for credit.

Introduction to Criminology (CRM100)

Credit Points: 3

MURDOCH: S1-internal
ROCKINGHAM: S2-internal

This unit provides an overview and introduction to the study of criminology from a multi-disciplinary perspective. Students will examine the history of punishment and critically examine our current solutions to crime in light of theories of criminal behaviour. The unit explores the topic of crime and minority groups as well as the impact on victims. Students will be provided with a broad introduction designed to provide them with the academic skills

necessary to succeed in their future criminology studies.

Lectures: 1 hour per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Introduction to Cultural and Community Psychology (PSY101)

Credit Points: 3

MURDOCH: S1-internal

This unit demonstrates how psychological processes and human behaviour are influenced by culture, and how culture is influenced by individuals and groups. It examines the impact of alienation on specified people, groups and the wider community. The principles of Community Psychology will be used to focus on these issues and demonstrate actions that improve the well-being of community groups and society. The unit introduces students to social psychological principles around group norms, stereotyping, and interactions within and between groups.

Lectures: 1 x 2 hours per week; tutorials: 10 x 1 hour per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed PSY246 Psychology: Culture and Community, or PSY145 Introduction to Psychology and Culture, or PSY201 Community Psychology may not enrol in this unit for credit.

Introduction to Data Communications (ICT103)

Credit Points: 3

DUBAI-ISC: TJD-internal, TSD-internal

This unit aims to provide an understanding of the basic principles of data communications, the technological infrastructure underlying networks and their role in information technology. The networking architectures of TCP/IP and OSI are studied as an introduction to the theory of networking. Extensive practical exercises using internetworking devices such as switches and routers, provide the student with LAN design and implementation skills. This unit, in conjunction with Principles of Data Communications, delivers the Cisco CCNA Certification curriculum.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: Nil.

Introduction to Digital Media Skills (IDD129)

Credit Points: 3

MURDOCH: S1-internal

This unit introduces fundamental digital media production concepts and processes, providing students with basic skills in designing, capturing, editing and publishing a range of media for the web. It also explores the theoretical consequences of digital production processes providing students with an understanding of the methods and issues of digital communication, including distribution and content management.

Lectures: 1 hour per week; laboratories: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MUL101/MCC129 Introduction to Digital Media or MCC129 Introduction to Digital Design may not enrol in this unit for credit.

Introduction to Earth Sciences (CHE130)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This introductory unit in Earth Science begins by taking a global view of Earth, looking at its origin and dynamic nature. The focus shifts then to processes that operate on or within the crust of the Earth, including earthquakes, volcanism and magmatic processes, weathering and soils, sedimentary processes, deformation and erosion. Mineral and rock identification are included in laboratory sessions. All this is set in the context of plate tectonics -- the unifying theme of modern geology.

Lectures/tutorials: 3 hours per week; laboratories/workshops: up to 3 hours per week.

External: Unit Information and Learning Guide and laboratory kit are provided.

Prerequisites: No prior knowledge of geology is required. Knowledge of physical sciences at senior high school level is assumed.

Exclusions: Students who have successfully completed EXM130 Introduction to Earth Sciences may not enrol in this unit for credit.

Introduction to Economics (BUS161)

Credit Points: 3

DUBAI-ISC: TJD-internal, TSD-internal

Economics is a study of how societies can best use and distribute the world's scarce resources to meet human needs and wants. This unit provides a valuable foundation of how economies operate, how businesses and individuals use economics in their decision making, and why governments implement certain economic policies. These include policies on unemployment, inflation, the environment, interest rates and the welfare of society. The unit also covers international issues including poverty, foreign debt, free trade and the global economy.

Lectures: 2 hours per week; workshops: 1 hour per week. Summer teaching period: 36 hours to be taught intensively over 4 weeks. For more information contact the Unit Coordinator.

Prerequisites: Nil.

Introduction to Energy Studies (PEN190)

Credit Points: 3

MURDOCH: S2-internal, S2-external

An introduction to the field of energy studies. Investigate and debate how we currently produce and use energy in our society and some of the economic, technical, social and environmental issues this raises. A different topical energy-related issue is introduced each week, discussing it from different points of view as represented by community, industry and academic leaders who are actively engaged in addressing the issue. Topics include oil depletion, global warming, wind power, sustainable transport and the hydrogen economy.

Lectures/tutorials: 3 hours per week (internal students only).

Prerequisites: Nil.

Exclusions: Students who have successfully completed PEC190 Introduction to Energy Studies may not enrol in this unit for credit.

Introduction to Environmental Biology (BIO103)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit introduces the theoretical and practical framework underpinning studies of natural ecosystems. Topics of classifying biodiversity, interactions within the biosphere and human impacts are explored using the unifying themes of the scientific method, the cell theory and evolution. Detailed examples include the near shore marine environment, the freshwater environment and the arid terrestrial environment. Australian case studies illustrate basic principles. Practical work reinforces the environmental theme while building skills in observation, quantification, experimental design and interpreting data.

Lectures: 3 hours per week; laboratories/field work: up to 3 hours per week. (External students undertake take-home exercises in lieu of attendance for laboratories/field work).

Prerequisites: Nil.

Exclusions: Students who have successfully completed BIO103 Environmental Biology cannot enrol for credit in this unit.

Introduction to Forensic Science (CHE103)

Credit Points: 3

MURDOCH: S1-internal

This unit provides a broad introduction to forensic science and emphasises the multidisciplinary nature of forensics. The scientific disciplines that may be applied to solving crime are introduced and explored using case studies and examples. Forensic science professionals present guest lectures to provide students with a 'real world' perspective. The unit material is presented in lectures/workshops and weekly reading. Participation in online discussion groups is utilised to provide students with opportunities for active and cooperative learning.

Lectures/ workshops: up to 4 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed PEC235 Forensic Science or PEC435 Introduction to Forensic Science or EXM103 Introduction to Forensic Science may not enrol in this unit for credit.

Introduction to Games Art and Design (GAD154)

Credit Points: 3

MURDOCH: S2-internal

This unit introduces fundamental games art and design production concepts and processes, providing students with basic knowledge in concept art, game engine evaluation, game play, storyboarding and basic workflow standards. Students are also introduced to games as a wider cultural and philosophical phenomena.

Online lecture; media laboratories: 3 hours per week (1 hour unsupervised).

Prerequisites: Nil.

Exclusions: Students who have successfully completed MCC154 Introduction to Games Art and Design may not enrol in this unit for credit.

Introduction to History (HIS181)

Credit Points: 3

MURDOCH: S1-internal, S1-external

Different societies and different groups within a society construct different histories. By analysing these different histories, students are introduced to the historian's craft and to the nature of historical knowledge. Topics include: Ned Kelly; Jandamarra; the Crusades; the Salem Witchcraft Trials; the dropping of the atomic bombs on Japan; the Holocaust as history.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Introduction to Human Anatomy (CHI108)

Credit Points: 3

MURDOCH: S2-internal

This unit is designed to build on the foundation of human anatomy which was introduced in BMS101 and will utilise the terminology set out in CHI108. The content of this unit will provide a deeper understanding of anatomical structures and their function. The students will utilise lectures, assignments and practicals to gain an understanding of all 11 body systems. Practical consist of surface anatomy classes and prosection laboratory, which will expose students to models and the viewing of human cadavers.

Lectures: 3 hours; laboratories: 3 hours.

Prerequisites: BMS101 Introduction to the Human Body.

Exclusions: Students who have successfully completed BMS108 Comparative Musculoskeletal Anatomy or CHI108 Functional Human Anatomy cannot enrol for credit in this unit.

Introduction to Indigenous Popular Culture (AIS110)

Credit Points: 3

MURDOCH: S2-internal, S2-external

ROCKINGHAM: S2-internal

Many people readily associate Indigenous culture with dot paintings and traditional dance. While acknowledging the importance of more traditional forms of cultural expression, this unit aims to familiarise students with a broader range of Indigenous cultural products. In the process, students will gain an appreciation of the highly varied and exciting manner in which understandings of Indigenous cultures and identities are articulated.

Lecture : 1 hour per week; Tutorial : 1.5 hours per week.

Prerequisites: Nil.

Exclusions: AIS174 Contemporary Indigenous Cultural Expression; AIS302 Black Music; AIS215 Aboriginality in Australian Film and Television; AIS210 Indigenous Popular Culture.

Introduction to Information Systems (ICT158)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit provides a broad introductory understanding of information systems, seen with organisational and societal contexts, and provides students with a balance of technical and organisational perspectives to serve as the basis for further study in the discipline. It introduces business environments and explores how technology is integrated into business, government and community systems. It also provides an introduction to decision making and systems theory, and considers the role of IT professionals in solving organisational problems.

Lectures: 2 hours per week; computer laboratories: 2 hours per week.

Prerequisites: Nil.

Introduction to Information Technology (ICT105)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-external

This unit provides an introduction to computer and information technologies. It investigates the nature and value of information, computer hardware, software and communications technologies and their convergence, human-computer interaction, computer-based information systems, and the impact of information technology on organisations and society. The theory will be complemented by practical work using the major types of productivity software used in organisations today (for example, word processing, spreadsheet, presentation graphics).

Lectures: 2 hours per week; laboratories: 1 hour (unsupervised); optional weekly clinics.

Prerequisites: Nil.

Introduction to Internet and Mobile Technologies (ICT108)

Credit Points: 3

DUBAI-ISC: TMD-internal

Introduces the fundamentals of the Internet, interactive web applications, mobile applications and the basics of digital content development for Internet and mobile applications. Tools and techniques used for developing Internet and mobile applications are introduced. Topics include: overview of Internet and mobile technology; overview of digital content; HTML and XHTML; CSS; web authoring tools; interactive web application; javascript; mobile application development; and tools for cross-platform mobile development.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: Nil.

Introduction to Journalism (JOU104)

As for MCC104 except:

Credit Points: 3

MURDOCH: S2-internal

Exclusions: Students who have successfully completed MCC104 Introduction to Journalism cannot enrol for credit in this unit.

Introduction to Journalism (MCC104)

Credit Points: 3

DUBAI-ISC: TMD-internal

This unit discusses the professional role of journalists and introduces students to the skills of news gathering and reporting. Students will also be introduced to a range of issues that have a bearing on the professional practice of journalism, including media law, ethics and the culture of news.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Introduction to Legal Studies (LEG150)

Credit Points: 3

MURDOCH: S1-internal

Lectures: 2 hours per week; tutorials/workshops: 1 hour per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed LEG150 Australian Legal System may not enrol in this unit for credit.

Introduction to Livestock Science (ANS101)

Credit Points: 3

MURDOCH: S2-internal

This unit provides an introduction to the theory and practice of animal production systems. Animal production will be explored through an introduction to soils and soil structure, plant and pasture science and a broad coverage of livestock farming systems. Practical classes will utilise the university farm to enhance the understanding of each topic studied, including practical skills in the safe handling of sheep, cattle, horses and pigs using low-stress handling methods where possible.

Lectures: 3 hours per week; practicals: 3 hours per week.

Prerequisites: Enrolment in Bachelor of Animal Science, Animal Science major or Veterinary Biology major.

Exclusions: Students who have successfully completed ANS101 Animal Production Systems I or VET242 Animal Systems I cannot enrol for credit in this unit.

Introduction to Marine Biology (BIO180)

Credit Points: 3

MURDOCH: S1-internal

This unit provides an introduction to marine organisms and ecosystems and thus a framework for further study of marine biology. The main topics covered are: (i) the marine environment; (ii) the types and variety of marine organisms; and (iii) major ecological categories of marine organisms. Students will conduct either a field-based or a literature-based research project.

Lectures: 2 hours per week; laboratories: 3 x 3-hour sessions over the semester; workshops: 4 x 2-hour sessions; field work: 2 x 3-hour sessions

Prerequisites: Nil.

Introduction to Media Studies (CMS101)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit introduces students to foundational concepts and theories relevant to the study of media. Media is understood as a global discourse that is traditional and contemporary, incorporating historical and new perspectives. We explore the role media plays in shaping institutions, identities and legal and ethical positions. You will have opportunities to think critically about these issues via mixed modes of assessment.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MCC108 Introduction to Communication and Media may not enrol in this unit.

Introduction to Nursing Practice (NUR100)

Credit Points: 3

PEEL: S1N-internal

For the professional and safe provision of nursing care, a solid foundation of knowledge, attitudes and skills must be achieved. This unit will explore the concepts of patient/client centred care and social determinants of health and wellness. The nursing process will be introduced and the nursing care plan examined. Using major physical and psychological milestones of the older adult, students will learn foundation competencies required for safe nursing practice and holistic nursing care.

Lecture: 1 hour per week; laboratories: 2 hours per week

Prerequisites: Enrolment in Bachelor of Nursing.

Introduction to Philosophy (PHL130)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit is designed to appeal to everyone who is interested in fundamental questions about life and society, and who wants to increase their ability to understand, develop, and articulate reasoned arguments. Typical questions: What is the mind? Is there a God? Do we have free will? Do animals have rights? What moral obligations do we have to people who are starving? Is reason more important than emotion? What is the ultimate nature of reality? Do our lives have meaning?

Lectures/tutorials: up to 2.5 hours per week.

Prerequisites: Nil.

This unit will be offered on alternate years.

Introduction to Politics (POL133)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit provides an introduction to the three core areas of the discipline of political science: concepts and ideologies; comparative political institutions; and international relations. It has two aims: to provide students with an overview of the discipline, and to equip them with the conceptual and theoretical tools to begin analysing contemporary political problems, such as the relationship between security and freedom; the role of international organisations in tackling global issues; and the dynamics underlying globalisation.

Lectures/tutorials: 3 hours per week.

Prerequisites: Nil.

Introduction to Psychological Health and Wellbeing (PSY172)

Credit Points: 3

MURDOCH: S2-internal
ROCKINGHAM: S2-internal

Psychology has an important role in designing systems that make people happy, healthy and productive. This unit will critically examine the concepts of 'health', 'wellbeing' and 'happiness', and will demonstrate how to add quality to people's lives, through research-guided practice and the application of behaviour change principles. Topic areas include: coping with and overcoming psychological pain and stress, addictions and disabilities; in addition to promoting healthier and environmentally sustainable behaviour in the community.

Lectures/tutorials/laboratories/seminars: 3 hours per week.

Prerequisites: Nil.

This unit is strongly recommended as a Psychology elective, especially as an introductory unit towards the Health Psychology minor.

Introduction to Psychological Research Methods (PSY173)

Credit Points: 3

MURDOCH: S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

This unit introduces students to methods of research used to answer psychological questions. Students will explore basic approaches to research design and analysis, and issues that affect decision-making in research. The aims in this unit are to provide a foundation for understanding the process of psychological inquiry and to provide students with the knowledge and skills needed to critically evaluate studies in the psychological literature.

Lectures/tutorials/laboratories/seminars: 3 hours per week.

Prerequisites: Nil.

Introduction to Psychological Science (PSY141)

Credit Points: 3

MURDOCH: S1-internal, S2-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

The psychological sciences seek to explore and understand the realms of human behaviour, emotion and thought using scientific methods that allow us to pose and answer questions about ourselves and our societies. Do IQ tests really measure intelligence? Why can I see colours? What causes schizophrenia? Why are some people intolerant of others? These and many other questions are addressed in modern scientific psychology. This unit provides an introduction to the discipline of psychology for students from any discipline.

Lectures/tutorials/seminars: 3 hours per week.

Prerequisites: Nil.

Introduction to Public Relations (MCC107)

Credit Points: 3

DUBAI-ISC: TMD-internal

This unit introduces students to the practice and theory of public relations, including its history in Australia, and internationally, and the development of communication strategies and tactics for publics. It allows students to begin to develop an understanding of ethical issues, professional values, campaign planning and writing techniques in the field of public relations as a global communications management profession. The unit also allows students to develop professional writing and presentation skills whilst working in a real-life client setting.

Lectures/tutorials: 2.5 hours per week.

Prerequisites: Nil.

Introduction to Public Relations (PRO107)**As for MCC107 except:**

Credit Points: 3

MURDOCH: S1-internal, S1-external

Exclusions: Students who have successfully completed MCC107 Introduction to Public Relations cannot enrol for credit in this unit.

Introduction to Radio (RAD105)*As for MCC105 except:*

Credit Points: 3

MURDOCH: S2-internal (quota of 80 places)

Exclusions: Students who have successfully completed MCC105 Introduction to Radio and Sound Production cannot enrol for credit in this unit.

This unit is subject to quota. Quota is due to space and equipment constraints and the supervision demands of a production environment. Preference will be given to students in BA (Sound) or BA (Radio).

Introduction to Radio and Sound Production (MCC105)

Credit Points: 3

DUBAI-ISC: TMD-internal

This is a practical production unit covering the basic skills required to produce radio programs. Students learn about the development and role of radio in Australia, and acquire proficiency in location recording, digital editing, interviewing, feature reporting and studio presentation.

Lectures: 1 hour per week; tutorials: 2 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MED117 Introduction to Radio (or MED117 Introduction to Radio and Print Production) or MCC105 Introduction to Radio and Sound Production may not enrol in this unit for credit.

Introduction to Research for Educators (EDU603)

Credit Points: 4

DUBAI-ISC: TJD-internal, TSD-internal

This unit introduces participants to a range of research methodologies used in educational and social science research. The unit will examine the application of different interpretive frameworks and their implications for research design, data collection and analysis. Participants will develop critical research literacies by both reviewing and planning research.

3 hours per week.

Prerequisites: Enrolment in a Postgraduate course.

Exclusions: Students who have successfully completed EDU434/634 Introduction to Qualitative Research Methods or EDU438/638 Introduction to Quantitative Research Methods or E501 Qualitative Research Methods may not enrol in this unit for credit.

Introduction to Research for Educators (EDU610)*As for EDU603 except:*

Credit Points: 6

MURDOCH: S1-internal, S1-external, S2-external

Introduction to Research Methodology and Evidence Based Practice (EXS106)

Credit Points: 3

MURDOCH: S2-internal

This course is designed with the assumption that scientific inquiry should form the basis of patient care. The primary goals for this unit are to introduce students to the scientific method for clinical problem solving in healthcare. The student will develop proficiencies in the health sciences database selection, information retrieval,

research design, analysis and critical appraisal. These skills will initiate the process of lifelong learning required to provide high quality patient care in their respective professions.

Lectures: 3 hours; workshops: 3 hours.

Prerequisites: Nil.

Exclusions: Student who have successfully completed CHI106 Introduction to Research Methodology and Evidence Based Practice may not enrol in this unit for credit.

Introduction to Server Environments and Architectures (ICT171)

Credit Points: 3

MURDOCH: S1-internal, S1-external

We live in an increasingly online and connected world. Beyond our desktop computers, tablets and smart phones exist the servers, software and back-end infrastructure that store our files, send our email, deliver the World Wide Web and implement social networking. Students will implement Windows and Linux servers in 'bare-metal', virtual and cloud environments. Issues examined are associated with large scale computing resources, storage, backup, disaster recovery, management, costs, legislation and whether to deliver in-house or to outsource.

Lectures: 2 hours per week; computer laboratories: 2 hours per week.

Prerequisites: Nil.

Introduction to Social Media (PRO101)

Credit Points: 3

MURDOCH: S2-internal

This unit introduces social media and their application in communication management, web communications and public relations. Students learn about social media and web sites as platforms for engaging users and their role in media relations and other communication activity. Students develop skills in online writing for a variety of audiences and in campaign planning, incorporating social media such as, for example, Twitter, Pinterest and Instagram. Students also learn about the theoretical implications of the network society and online communications.

Lectures: 1 hour; tutorials: 1.5 hours.

Prerequisites: Nil.

Introduction to Sociology (SOC134)

Credit Points: 3

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S2-internal

This unit aims to introduce students to the richness of sociology by stimulating their curiosity about the relationship between the individual, society and the globe using sociological thinking. This unit will introduce students to the history of sociology and some of the thinkers who have influenced the discipline. It will encourage students to recognise the relevance of sociology to everyday questions about contemporary issues in the social world.

Lectures/tutorials: up to 3 hours per week.

Prerequisites: Nil.

Introduction to Sound Studies (SOU169)

Credit Points: 3

MURDOCH: S1-internal

We are immersed in sound everywhere we go - phones, barking dogs, car alarms, church bells, football crowds, concerts, birds, music, building sites, traffic. The city and the bush, natural, mechanical and electronic, personal and public. What impact does sound have on our lives? How has technology changed the types of sound we hear and how we use sound in our lives? This unit examines sound in our culture, how it has changed and how it could change in the future.

Lectures: 1 hour; tutorials/workshops: 2 hours.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MCC169 Introduction to Sound Studies may not enrol in this unit for credit.

Introduction to Sports Science (EXS124)

Credit Points: 3

MURDOCH: S1-internal

This unit has 2 main components; health and physical fitness assessment; and sports medicine. Topics covered include: definition and components of sports science and physical fitness; pre-activity screening; resting and exercise vitals; body compositions; muscular fitness; medical terminology; neurological screening; joint assessment; preventing sports injuries; sports nutrition; drugs in sport; principles of injury management; common sporting illnesses and injuries; common medical conditions affecting athletes; moving injured athletes; and sports taping.

Lectures: 2 hours; laboratories: 2 hours.

Prerequisites: Nil.

Exclusions: Students who have successfully completed CHI109 Chiropractic Skills and Principles 1 or CHI124 Principles of Sports Science may not enrol in this unit for credit.

Introduction to Statistics (MAS180)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KDUPJ: S1U-internal

This unit provides an introduction to statistical techniques used to collect, summarise, interpret and present numerical information, with particular emphasis on applications from commerce, economics and the social sciences. The unit aims to show students how statistics contributes to their chosen area of study. Topics: display, estimation and testing, including one- and two-sample tests, frequency tables, and regression. Students are introduced to the use of a spreadsheet package for the analysis of data.

Lectures/tutorials/computer laboratories: 4 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MAS183 Statistical Data Analysis may not enrol in this unit.

Introduction to Sustainability Ethics and Values (SUS101)

Credit Points: 3

MURDOCH: S2-internal, S2-external

How do we (and how could we) relate and respond to nature? Sustainability Ethics and Values explores the philosophical and historical foundations of past and present views about the

human-nature relationship and applies them to sustainability challenges facing humanity. The application shall be achieved via the ethical evaluation of the policies and actions of government and the corporate sector. Students are encouraged to formulate their own value stance on sustainability as a result of their learning in the unit.

Lectures: 1 hour per week; tutorials: 1 hour per week.

Exclusions: Students who have successfully completed STP206 Sustainability Ethics may not enrol in this unit for credit.

Introduction to Sustainable Development (SUS100)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Introduces the array of economic, environmental, technological, political and moral reforms that are necessary if modern paths of development are to become more sustainable. Moving from the global to the personal, the unit explores the main challenges and solutions to sustainable development today. Topics include the imperatives of globalisation, the information revolution, the shift to renewable energy, urbanisation, the role of business, local activism, unbalanced development and political alternatives. Presents new ideas and practical solutions.

Lectures: 1 hour per week; tutorials/workshops: 2 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed STP108 Introduction to Sustainable Development may not enrol in this unit for credit.

Introduction to the Animal Body (ANS102)

Credit Points: 3

MURDOCH: S1-internal

This unit provides an introduction to the theory and practice of animal biology. It begins with a functional study of each of the major body systems, with reference to the life cycle from conception to death. Following this, the principles of evolution and biological diversity are explored, with emphasis on the gross morphology and functional biology of higher vertebrates. Practical classes complement the lectures and emphasise the importance of detailed observation and dissection in biology.

Lectures: 3 hours per week; laboratories: 3 hours per week.

Prerequisites: Nil.

Exclusions: Students who enrol in or have completed this unit may not enrol in BMS101 Introduction to the Human Body for credit.

Previously VET102 Introduction to the Animal Body.

Introduction to the Bible (REL204)

Credit Points: 3

Not available this year

Many aspects of Western Culture, including Law, Political structures, Literature, and Music, have been based on and influenced by biblical texts. An understanding of these texts is fundamental to the understanding of the history and development of Western Culture and its religious institutions and practices. This unit examines the various types of texts contained in the Bible and provides historical and literary approaches to facilitate the interpretation of these foundational texts.

Lectures: 1 hour; tutorials: 1 hour.

Introduction to the Chinese Legal System (LLM517)

Credit Points: 3

CITYUHK: S1D-internal

This unit provides an introduction to the modern legal system of the People's Republic of China. The unit gives an overview of the changing nature and role of law in an emerging modern economy that will soon become the next global economic power. The unit examines the extent to which the PRC's legal system is trying to cope with various challenges in the progress of modernisation.

Lectures: Taught intensively over 36 hours with final assessments due by end of semester 1.

Prerequisites: Enrolment in the Postgraduate Certificate in Chinese Law.

Enrolment in this program is by application to the program Director. Students enrolling in the program are responsible for their own airfares, accommodation and incidental expenses. Contact the School of Law for further information.

Introduction to the European Union and International Labour Market Law (LAW383)

Credit Points: 4

MURDOCH: T1-internal (quota of 50 places)

This unit explores the development of international and European labour and employment law. It examines how the 'European social model', as opposed to the Anglo-Saxon model, mirrors the international model and has generated European union wide standards. The unit focuses on the International Labour Organization and on the European Union. It offers both a general introduction and more advanced exploration of topical issues such as migration, discrimination, worker participation, and the conflicts between free market and labour protection laws.

Taught intensively over 1 week

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract.

This unit is subject to quota. Quota is due to limited resources. Preference may be given to students in Law in their final year.

Introduction to the European Union and International Labour Market Law (LLB383)*As for LAW383 except:*

Credit Points: 3

Not available this year

This unit is not subject to quota.

Introduction to the Human Body (BMS101)

Credit Points: 3

MURDOCH: S1-internal

This unit is designed to introduce students to the living human body. It begins with the evolution and development of humans and proceeds to functional study of each of the major body systems, with reference to the life cycle from conception to death. It will deal with concepts of disease and ageing from an evolutionary perspective. The unit will emphasise how human systems compare with those of other animals, and introduce students to current advances in medical science and technology.

Lectures: 3 hours per week; practicals/films/workshops/online activities: 3 hours per week.

Prerequisites: Nil.

Exclusions: Students who enrol in or have completed this unit may not enrol in ANS102 Introduction to the Animal Body for credit.

Introduction to the Minerals Industry (ENG193)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

The Earth's origin and dynamic nature are explored within the context of plate tectonics, mineral deposits and ores found within its crust. Practical demonstrations of mineral and rock identification and technologies used in mineral processing and extractive metallurgy to recover metals, alloys and value added commodities from ores are presented in laboratories. Major unit operations of mineral processing, pyrometallurgical and hydrometallurgical flowsheets, financial management, occupational health and safety, sustainability and environmental aspects in the local/global mineral industry are discussed.

Lectures: 3 hours per week.

External: Internet access required.

Prerequisites: Nil. Knowledge of physical sciences at senior high school level is assumed.

Exclusions: Students who have successfully completed EXM131 Introduction to Extractive Metallurgy may not enrol in this unit for credit.

Introduction to the New Testament (THE507)

Credit Points: 3

MURDOCH: S2-internal, S2-external

Introduces students to the literature of the New Testament, including an overview of the contents and major themes of the writings and study of selected passages. The unit also introduces students to the socio-economic, political, and wider religious setting of the writings as well as their relationship to the life and ministry of Jesus of Nazareth and of the first century church. Students are introduced to the main methods and issues in modern study of the New Testament.

Three day-long intensives of six hours, plus six hours of online contact (discussions/tutorials/lectures). Please check the timetable for the scheduling of the intensives.

Prerequisites: Enrolment in graduate-level study.

Introduction to the Old Testament (THE506)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit provides an introduction to the varied literature of the Old Testament, written over the course of hundreds of years and reflecting a diversity of situations and experiences. As well as an overview of the contents and themes of the literature, it will explore aspects of its historical and cultural setting within the Ancient Near East. Throughout the unit students will be introduced to methods and issues in modern study of the Old Testament, and to available resources.

Three day-long intensives of six hours, plus six hours of online contact (discussions/tutorials/lectures). Please check the timetable for the scheduling of the intensives.

Prerequisites: Enrolment in graduate-level study.

Introduction to the Screen (MCC116)

Credit Points: 3

DUBAI-ISC: TMD-internal

An introductory unit which lays the groundwork for further analytical and practical units. Its objectives are: to familiarise students with the different ways in which screen texts are studied; to introduce students to concepts of narrative, style and genre in filmic texts; and to introduce students to the basic terminology of visual language.

Lectures: 1 hour per week; tutorials: 1.5 hours per week; film screenings: 2 hours per week.

Note: Lectures and workshops/tutorials commence in Week 1 of the semester.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MED116 Introduction to Screen and Sound Studies or MCC116 Introduction to Screen and Sound Studies may not enrol in this unit for credit.

Introduction to the Screen (SCR100)*As for MCC116 except:*

Credit Points: 3

MURDOCH: S2-internal, S2-external

Exclusions: Students who have successfully completed MCC116 Introduction to the Screen may not enrol in this unit for credit.

Introduction to Tourism Systems (TOU101)

Credit Points: 3

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

This unit outlines the tourism industry with a focus on the structure of tourism systems and the multiplicity of sectors and industries within those systems. Students are introduced to models of tourism, the global dimensions of tourism and regional tourism developments. The unit also provides an introduction to tourism for sustainable development through discussions of the economics of tourism and sociocultural and environmental issues. Tourism policy and planning is also an important topic.

Lectures/tutorials: up to 3 hours per week.

Prerequisites: Nil.

Introduction to University Learning (TLC120)

Credit Points: 3

MURDOCH: S1F-internal, S1F-external, S2K-internal, S2K-external, SUM-external

ROCKINGHAM: S1F-internal, S2K-internal

This unit aims to prepare students for success at university. It focuses on the culture and expectations of university, the nature of knowledge, and understanding yourself as a learner. Essential academic skills are developed, including writing, reading, note-making, referencing, critical thinking, time management and discussion skills. The unit commences in week 3 of semester and runs to week 14, and is based broadly in the social sciences and humanities. This unit is offered intensively in Summer term.

Lectures: 1 hour per week; tutorials: 3 hours per week.

Prerequisites: Nil. Information and enrolment sessions are conducted in the lecture time slot in week 2 of semester: all interested students are welcome to attend this session.

Students enrolled in the Physical and Life Sciences should enrol in TLC123 Rocket Science: Academic Skills for Science Students.

Students with a non-English speaking background (ESL) should enrol in TLC121 Writing Academic English.

Introductory Chinese (BUS102)

Credit Points: 3

Not available this year

The unit is designed to provide students with elementary instruction in vocabulary, grammar and pronunciation in Modern Standard Chinese, Mandarin, to enable them to participate in basic everyday discourse in Chinese. By the end of the semester, students should be able to read and write about 350 characters.

Lectures/tutorials: 4 hours per week.

Prerequisites: Nil.

Exclusions: Students who have language competence in Chinese may not enrol in this unit for credit.

This unit is also available via Open Universities Australia (OUA).

Investigative Reporting (MCC301)

Credit Points: 4

Not available this year

Students pursue one major topic of investigation, which is identified in consultation with the co-ordinator, during the semester. They conduct background research, draw up a plan of investigation and consistently reflect on the project's development during the course of the unit. They consider the differences between investigative and explanatory reporting. The main assessment component is the final investigative/explanatory story that may be produced in either written or broadcast formats.

Workshops: 2 hours per week.

Prerequisites: MCC104 Introduction to Journalism and MCC245 Media Law and Ethics; OR JOU220 Principles of Journalism.

Exclusions: Students who have successfully completed JOU301/501 Specialty Journalism or MCC301/501/601 Specialty Journalism may not enrol in this unit for credit.

Investment Analysis (BUS311)

Credit Points: 4

MURDOCH: S1-internal, S1-external

DUBAI-ISC: TJD-internal, TSD-internal

KAPLAN-SGP: TJA-internal, TSA-internal

SGP1: TJB-internal, TSB-internal

The main objective of this unit is to examine the return-risk profile of an individual security and the construction of optimal investment portfolios. The unit will examine the mean-variance portfolio theory, simplification to the portfolio selection process, efficient market hypothesis, capital asset pricing model, and empirical tests of equilibrium models. In addition, arbitrage pricing models, technical analysis and portfolio performance will be examined.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS224 Corporate Finance.

Investment Analysis (BUS329)*As for BUS311 except:*

Credit Points: 3

Not available this year

IP Telephony (ICT344)

Credit Points: 4

MURDOCH: S2-internal

The unit focuses on the principles and design of Voice over IP (VoIP) telephony systems. Topics include: legacy circuit-based switching, integration of VoIP and legacy PBX systems, voice codec performance and selection, dial planning and quality of service requirements.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: ICT120 Principles of Data Communications.

Islamic Politics and Development (SWM642)

Credit Points: 3

MURDOCH: S2-internal

'Islamic Politics and Development' examines the emergence of Islamic political movements from a political economy perspective. It compares the context within which they have developed in different parts of the world, especially Southeast Asia and the Middle East and North Africa. It investigates how the agendas, strategies and vehicles of Islamic politics have evolved through the ages of Western colonialism, the Cold War and neoliberal globalisation. It questions various assumptions about the relationship between Islamic politics, democracy and capitalism.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Issues and Crisis Management (MCC345)

Credit Points: 4

MURDOCH: S1-internal

DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

This unit explores the theory and practice of issues and crisis management in public relations. It provides some important principles for communicating in a conflict or crisis situation, and offers a critical understanding of stakeholder engagement in both online and offline environments. In addition to learning about conflict, issues and crisis management from a critical communication perspective, students have the opportunity to develop negotiation, mediation and conflict resolution skills and apply them through workshops and role play.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: MCC204 Public Relations: Contemporary Approaches (or MCC204 Public Relations: Theory and Writing or MSC235 Public Relations: Principles and Writing Practice).

Exclusions: Students who have successfully completed MSC345 or MCC345 Communication and Conflict Management may not enrol in this unit for credit.

Issues and Crisis Management (PR0345)**As for MCC345 except:**

Credit Points: 3

Not available this year

Issues in Screen Analysis (MCC358)

Credit Points: 4

Not available this year

This is an interdisciplinary unit supporting such related fields as media, indigenous studies, politics, development studies, anthropology, literature, sociology, history and cultural studies. It offers a diagnostic of possible shortcomings of Western thinking on notions of nations, social organisation, politics and art. Topics: representation of indigenous people, spirituality and religion in film, participation and control of production, films as legal texts, the cinema of difficult dialogue and the inter-sectionality of race and gender in cinema.

Lectures: 1 hour per week; screenings: 2 hours per week; tutorials 1.5 hours per week.

Note: Lectures and tutorials for this unit commence in Week 1 of the semester.

Prerequisites: AIS180 Introduction to Australian Indigenous Studies AND/OR MCC116 Introduction to the Screen (or MED116 Introduction to Screen and Sound Studies or MED116 Introduction to Screen Studies).

Exclusions: Students who have successfully completed MCC358 Issues in Screen and Sound: World Cinema (or MED350 Issues in Screen and Sound: World Cinema or MED350 Issues in Screen Analysis: World Cinema or MED350 Issues in Screen Analysis: Indigenous Cinema) may not enrol in this unit for credit.

IT Group Project (ICT621)

Credit Points: 6

MURDOCH: S1-internal, S2-internal

Students will work in teams to undertake a real-world project in information technology, applying skills developed in their degree. Teams work through all stages of project development, gaining practical experience in system planning, analysis, design and development; team and project management, and communication with stakeholders. Projects can be initiated from industry needs, ongoing research in the School, or proposed by the student in consultation with a discipline academic. Students will enrol in this unit in their final semester.

Workshops: 3 hours per week.

IT Professional Practice (ICT521)

Credit Points: 3

MURDOCH: S1-internal

This unit focuses on current expected professional practice in the information technology (IT) industry, and the legal and ethical challenges raised by new technologies. Topics include: best practice strategies, professional standards and codes of practice; etiquette and modes of communication; professional presentations; technical writing; legal requirements and responsibilities, including privacy issues; copyright and intellectual property issues; employment and contract law; and principles of human resource management.

Lectures/workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate IT course or permission of the Academic Chair.

Japan in the World: Nation, Culture, Image (JPN208)

Credit Points: 4

Not available this year

Throughout the twentieth century Japan has figured prominently in academic, journalistic and popular discourses in the world in highly evocative and contradictory ways. This unit aims to shed light on how Japan comes to be 'known' in the world, and how it seeks to represent itself, to itself and others. The unit focuses on: imagining, discovering and inventing Japan; cultural practices and representations in terms of conformity/diversity, gender, 'the popular'; nexus between texts and construction of culturally-specific images.

Lectures/tutorials: 2.5 hours per week.

Prerequisites: Nil. This unit presupposes no knowledge of the Japanese language.

Japanese 1 (JPN101)

Credit Points: 3

MURDOCH: S1-internal

This unit introduces basic communication skills in Japanese. Great emphasis is placed on oral communication while working interactively in classroom sessions. The unit deals with many topics related to students' everyday life.

Language classes: 4 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed JPN171 Japanese IA cannot enrol for credit in this unit.

Advanced students including those who have WACE qualification in Japanese as Second Language or equivalent should consult with the Academic Chair of Asian Studies to determine level of entry.

Japanese 2 (JPN102)

Credit Points: 3

MURDOCH: S2-internal

This unit aims to develop further communication skills in both spoken and written Japanese as a continuation of JPN101 Japanese I. The material covered ranges over a diverse selection of topics with practical application for anyone considering contact with Japan, and uses the communication-oriented oral/aural approach. This unit aims to give students competence in both spoken and written Japanese at the basic level.

Language classes: 3.5 hours per week.

Prerequisites: Completion of JPN101 Japanese 1 or JPN171 Japanese 1A

Advanced students including those who have WACE qualification in Japanese as Second Language or equivalent should consult with the Academic Chair of Asian Studies to determine level of entry.

Japanese 3 (JPN201)

Credit Points: 3

Not available this year

Japanese 4 (JPN202)

Credit Points: 3

Not available this year

Prerequisites: Successful completion of JPN172 Japanese 1B or JPN201 Japanese 3

Japanese 5 (JPN203)

Credit Points: 3

Not available this year

Japanese 6 (JPN301)

Credit Points: 3

Not available this year

Japanese 7 (JPN302)

Credit Points: 3

Not available this year

Japanese 8 (JPN303)

Credit Points: 3

Not available this year

Japanese Advanced Language Project (JPN652)

Credit Points: 3

MURDOCH: S1-internal

This unit is designed primarily for students who have completed a semester in Japan and aims to build on language skills acquired during in-country study. It focuses on advanced reading and/or translation and other skills. Students will study some issues relevant to translation as well as doing practical work in reading, translation and other skills using a range of contemporary materials.

2 to 3 hours per week or by negotiation.

Prerequisites: Enrolment in postgraduate level (AQF8 or AQF9) Asian Studies and permission of the Unit Coordinator.

Japanese 1B (JPN172)

Credit Points: 6

Not available this year

This unit aims to develop further communication skills in both spoken and written Japanese as a continuation of JPN171 Japanese IA. The material covered ranges over a diverse selection of topics with practical application for anyone considering contact with Japan, and uses the communication-oriented oral/aural approach. This unit aims to give students competence in both spoken and written Japanese at the basic level.

Language classes: 7 hours per week including 1-hour computer lab session (hours may be adapted to class size).

Prerequisites: JPN171 Japanese IA.

Advanced students including those who have WACE qualification in Japanese as Second Language or equivalent should consult with the Academic Chair of Asian Studies to determine level of entry.

Japanese IIA (JPN204)

Credit Points: 4

MURDOCH: S1-internal

This unit aims to develop further communication skills in both spoken and written Japanese as a continuation of Japanese IB. The material covered ranges over a diverse selection of topics to help students develop proficiency in the four language skills of listening, speaking, reading and writing, as well as in developing cultural awareness. A communication-oriented oral/aural approach will be adopted.

Language classes: 4 hours per week (hours may be adapted to class size).

Prerequisites: JPN172 Japanese IB.

Advanced students including those who have WACE qualification in Japanese as Second Language or equivalent should consult with the Academic Chair of Asian Studies to determine level of entry.

Japanese IIB (JPN205)

Credit Points: 4

MURDOCH: S2-internal

This unit aims to develop further communication skills in both spoken and written Japanese as a continuation of Japanese IIA. The material covered ranges over a diverse selection of topics to help students develop proficiency in the four language skills of listening, speaking, reading and writing, as well as in developing cultural awareness. A communication-oriented oral/aural approach will be adopted.

Language classes: 4 hours per week (hours may be adapted to class size).

Prerequisites: JPN204 Japanese IIA.

Advanced students including those who have WACE qualification in Japanese as Second Language or equivalent should consult with the Academic Chair of Asian Studies to determine level of entry.

Japanese IIIA (JPN363)

Credit Points: 4

MURDOCH: S1-internal

This unit aims to develop advanced language skills, both written and spoken, to enable students to function with ease in Japanese. The target level of proficiency is the reading of Japanese newspapers, and ability to present spoken and written expressions of opinion about contemporary Japan.

Language classes: 4 hours per week (hours may be adapted to class size).

Prerequisites: JPN205 Japanese IIIB.

Advanced students including those who have WACE qualification in Japanese as Second Language or equivalent should consult with the Academic Chair of Asian Studies to determine level of entry.

Japanese IIIB (JPN364)

Credit Points: 4

MURDOCH: S2-internal

This unit aims to develop advanced language skills, both written and spoken, to enable students to function with ease in Japanese. The target level of proficiency is the reading of Japanese newspapers, and ability to present spoken and written expressions of opinion about contemporary Japan.

Language classes: 3 to 4 hours per week (hours may be adapted to class size).

Prerequisites: JPN363 Japanese IIIA.

Advanced students including those who have WACE qualification in Japanese as Second Language or equivalent should consult with the Academic Chair of Asian Studies to determine level of entry.

Japanese Language Project (JPN452)

Credit Points: 4

MURDOCH: S1-internal

This unit is designed primarily for students who have completed JPN343 Semester in Japan and aims to build on language skills acquired during in-country study. It focuses on advanced reading and/or translation and other skills. Students will study some issues relevant to translation as well as doing practical work in reading, translation and other skills using a range of contemporary materials.

2 to 3 hours per week or by negotiation.

Prerequisites: JPN443 Semester in Japan. Permission to enrol may also be granted by the Unit Coordinator to background speakers of Japanese and, under certain circumstances, to other students.

Jesus and the Gospels (THE287)

Credit Points: 4

Not available this year

This unit provides detailed study of the canonical gospels (Matthew, Mark, Luke, John) and their interrelationships, with particular attention to one gospel. Students can develop skills in a variety of exegetical approaches while examining literary, historical, sociological and theological features. There will be opportunity to use New Testament Greek, but ability to read Greek is not essential. Each semester will have a different gospel as the focus, and the unit may be taken more than once, with different content.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil. Recommended: S102/THE102 The New Testament and its World.

Exclusions: Students who have successfully completed S247 Synoptic Gospels, S247 Matthew, Mark and Luke, S251 Johannine Literature or S251 John's Gospel and Related Writings may enrol in this unit, if the content is different.

Journalism Project (MCC549)

Credit Points: 8

MURDOCH: S1-placement, S2-placement, SUM-placement

This unit allows students to do one or more professional placements with different media organisations. Students will be required to produce editorial work under supervision at the workplace and write reflective journals/reports analysing their experiences.

Lectures/workshops: regular briefing sessions and workshops.

Prerequisites: Enrolment in Postgraduate Diploma in Journalism plus permission of the Unit Coordinator.

A result of Ungraded Pass or Fail is awarded for this unit.

Journalism Project (MCC5491)**As for MCC549 except:**

Credit Points: 4

MURDOCH: S1-placement, S2-placement, SUM-placement, W-placement

Prerequisites: Enrolment in Postgraduate Diploma in Journalism or Postgraduate Certificate in Journalism.

A result of Ungraded Pass or Fail is awarded for this unit.

K-Track (KAC007)

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

The first half of a two-part enabling program that assists people to gain entry to undergraduate study. It consists of three modules, taught over three days each week. These modules will help you brush up on and extend your computer skills, improve your writing, give you opportunities to develop the capacity to think critically, and teach you basic science skills.

15 hours/week over three days.

Prerequisites: Enrolment in the K-Track course.

Knowledge and Information Security (ICT265)

Credit Points: 4

MURDOCH: S2-internal, S2-external

KAPLAN-SGP: TJA-internal

This unit focuses on knowledge and information security from both an operational and a theoretical perspective. It explores the issues involved in ensuring the confidentiality, integrity and availability of knowledge and information assets from the perspective of human physical, computer, telecommunications, and Internet security. Topics include: risks to information and countermeasures; access control; security management; establishing trust; personnel security; security planning; disaster recovery and ensuring continuity; auditing and monitoring; security education, training and awareness strategies; and legal and societal issues.

Lectures: 2 hours per week.

Prerequisites: Nil.

Knowledge and Organisational Learning (BUS378)

Credit Points: 4

MURDOCH: S1-internal, S1-external

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TMA-internal

KDUPJ: S1U-internal

SGP1: TMB-internal

The management of information and knowledge and its role in organisations are widely recognised as important elements contributing to international competitiveness in the new economy. This unit examines how the concepts of information and knowledge assist in the understanding of organisational processes, organisational learning and strategy. Topics examined include: the origins and future of knowledge management; knowledge management and concepts; knowledge and organisational strategy; knowledge, IT and organisational systems; knowledge and learning in organisations; knowledge, innovation and value creation.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: BUS145 Principles of Management and BUS223 Organisational Theory and Behaviour.

Knowledge Management (BUS348)

As for BUS378 except:

Credit Points: 3

Not available this year

Knowledge Management (ICT505)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit examines the role of knowledge management in organisations and its principles and practices. It includes a consideration of theories of knowledge and approaches to KM, drawing on a range of perspectives such as management, library science, cognitive science, AI and psychology. Topics include document-centric practices and information management; social approaches including communities of practice; organisational memory and learning organisations; knowledge representation including ontologies; cultural aspects of knowledge, and situating KM practices within an organisational context.

Workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate/graduate IT course or permission of the Academic Chair.

Exclusions: Students who have completed ICT556 Knowledge Management Techniques may not enrol in this unit for credit.

Knowledge Management Techniques (ICT256)

Credit Points: 4

MURDOCH: S1-internal, S1-external

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TJA-internal

SGP1: TJB-internal

Knowledge Management involves extending traditional information management practices to enable the entire intellectual resources of an organisation to be available, in a repeatable, scalable and transferable manner. In this unit we consider the techniques that underpin KM. Topics include: theories of knowledge, the nature of documents and document management, knowledge elicitation, knowledge representation techniques including ontologies, knowledge discovery, and knowledge life cycles within an organisational context. The theoretical component is complemented by practical work using standard industry knowledge modelling tools.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: ICT107 Principles of Information Systems.

Knowledge, Truth and Belief (PHL202)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Try this: hold out your hand and say 'I know that this is my hand'; now try to doubt what you've just said. When you say you know something you're claiming that your belief about something is true and justified. Can you decide to believe in just anything or doubt your own existence? Are religious beliefs exempt from ordinary criteria? What about belief in ghosts, telepathy, life-after-death? Find some of the answers in this unit.

Lectures: 1 hour per week; tutorials: 1.5 hours per week

Prerequisites: Nil.

Kooro Kudidj Pre-Law (EQU025)

MURDOCH: SB3-internal

Offers Aboriginal people alternative entrance and a chance of succeeding in Law or Legal Studies. Components:
Study skills: how to draw on library resources, think critically and creatively about law, and present ideas in reflective, formal and oral ways.
Personal experience: consider the role of law in your own life,

culture and community, and in the lives of others.
Theory and practice: explore key ideas and state-of-the-art practices to prepare you for law in this century.

Small group workshops, tutorials and lectures from Murdoch staff.
Contact times will vary: contact Unit Coordinator for further information.

Prerequisites: Enrolment in the Koora Kudidj Pre-Law Program.

Kulbardi Wangkiny Pre-Media (EQU026)

MURDOCH: SB7-internal

Wangkiny Pre-Media prepares and assesses Aboriginal and Torres Strait Islander students for admission to Murdoch University's undergraduate Media courses. Develop strategies and techniques to prepare for university study.

Study skills: how to draw on library resources, think critically and creatively, meet deadlines, and present ideas in reflective, formal and oral ways.

Personal experience: gain exposure to the various means of communication.

Theory and practice: explore key ideas and learn the functional production skills in TV, radio, print and multimedia.

Small group workshops, tutorials and lectures from Murdoch staff and media professionals.

Prerequisites: Enrolment in the Kulbardi Wangkiny Pre-Media Program.

Land and Water Management (ENV554)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit examines sustainable land and water management with particular reference to Western Australia. It analyses the climate, land and water resources, then deals with key threats to sustainable land and water management: climate change, water contamination and soil degradation. Case studies from mining, dryland and intensive agriculture, coastal and forested catchments will demonstrate key principles. Learning is through lectures, intensive workshops, problem solving and student-delivered seminars. Content complements that in environmental restoration, ecology and policy.

2 hrs Lectures, tutorials per week plus the equivalent of 2 hrs per week practicals

Prerequisites: Enrolment in AQF level 8 course.

Exclusions: Students who have completed ENV310/610 Land Management may not enrol in this unit for credit.

Language for Learning and Teaching (EDN111)

Credit Points: 3

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

This unit explores concepts about language and literacy learning essential for teachers in all school settings. It aims to equip students with fundamental skills needed to support language development in their own classrooms by focusing on oral language development, the formal characteristics of written texts including grammar, and the use of language for positive classroom interactions and literacy learning. Concepts presented will be further explored in EDN112 Understanding Teachers' Work and EDN223 Teaching English and Literacy in Primary Schools.

Lectures/workshops: 3 hours per week.

Rockingham students should note that EDN111 at Rockingham is taught in a combined lecture/workshop format. Rockingham students should enrol in one three-hour workshop. There is no

additional lecture.

Prerequisites: Enrolment in an initial teacher education course.

Exclusions: Students who have successfully completed EDU103 Principles of Language and Literacy may not enrol in this unit for credit.

Law for Business (MBL502)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This unit introduces students to legal concepts that they may encounter as managers. Topics include the Australian legal system, legal case study problem solving and the Australian law of contract.

Lectures/seminars/workshops: 3 hours per week for semester 1 and 2.

Prerequisites: Enrolment in a postgraduate-level course.

Exclusions: C328/BUS328 Company Law, C502/MBS502 Business Law, C502/MBS502 Business and Employment Law.

Students who have completed an undergraduate degree with a major in business law, should be precluded from this unit.

Law for Business (MBS502)

Credit Points: 4

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

SGP1: TMR-internal

This unit introduces students to legal concepts that they may encounter as managers. Topics include the Australian legal system, legal case study problem solving and the Australian law of contract.

Lectures/seminars/workshops: 3 hours per week

Law in China: Continuity and Change (LAW257)

Credit Points: 4

Not available this year

This unit offers, from a unique interdisciplinary and micro-level perspective, intriguing insights into Chinese law's past, present and future by examining its historical and cultural background. It provides holistic images of China so crucial to a good understanding of Chinese law. It also addresses reasons for China's current rapid transition by referring to China's history and the legal and institutional changes long before and after Mao. Topics also include latest debates on constitutional, criminal and commercial law reforms.

Lectures: 3 hours per week.

Prerequisites: Nil.

Law in China: Continuity and Change (LLB257)

As for LAW257 except:

Credit Points: 3

Not available this year

Law in Context (BJU150)

Credit Points: 3

MURDOCH: S1-internal

This unit examines the interaction between the law and various other disciplines and social groupings. A range of topical issues will be examined. These may vary from year to year, but typical examples include: Intellectual Property and Popular Culture;

Common Law and Aboriginal Law; Law and Medicine; Forensic Evidence; Law and Psychology; Law and Social Welfare.

Lectures: 1.5 hours per week; workshops: 1.5 hour per week commencing in week 2.

Law Moot (LAW312)

Credit Points: 4

MURDOCH: H-internal (quota of 40 places), S1-internal (quota of 40 places), S2-internal (quota of 40 places)

The Law Moot unit provides students with opportunity to study specialised areas of law and apply their knowledge and advocacy skills by participating in selected national and international moot competitions, for example, the Philip C. Jessup Public International Law Moot Court Competition and the International Maritime Law and Arbitration Moot. LAW312 aims to develop the writing and advocacy skills of participating students. Only students who are selected for one of the eligible moot teams will be enrolled in this unit.

Meetings as required.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract, plus permission of Unit Coordinator.

Recommended that students complete or are enrolled in the necessary background unit required for each moot competition. Students may not enrol in more than one moot at the same time except by permission of the Unit Coordinator and Academic Chair for Law.

This unit is subject to quota. Quota is due to limited resources. Selection is based on: Academic record and standing; Demonstrated speaking, debating and mooted ability; Demonstrated administrative experience; Demonstrated knowledge of foreign languages and legal systems.

Law Moot (LLB312)

As for LAW312 except:

Credit Points: 3

Not available this year

This unit is not subject to quota.

Law of Occupational Health and Safety (LAW372)

Credit Points: 4

Not available this year

Safety is said to be paramount in workplaces of today. This unit centres on managing foreseeable risks and places the primary duty of care on employers. Breach of this duty may constitute a criminal offence and impose liability not just on the employer, but extend it to its 'officers'. This unit will examine the current statutory regime, as well as any pending changes to relevant legislation.

This unit is to be taught as a 4 week intensive with contact time in an initial 1 week teaching block.

Prerequisites: All Part I Law units; LAW260 Contract.

The exam for the unit will be held one week after the end of face to face teaching.

Law of Occupational Health and Safety (LLB372)

As for LAW372 except:

Credit Points: 3

Not available this year

Law of Planning (LAW367)

Credit Points: 4

MURDOCH: SUM3-internal

This unit introduces the legal principles and statutory framework governing the regulation of town planning and land development in WA and beyond. It considers control at the State, regional and local government levels, rights of appeal against subdivision, development and building decisions, the jurisdiction of the State Administrative Tribunal in resolving disputes, the role of environmental assessment and approval in planning outcomes and compensation for the use and acquisition of land for public purposes.

Taught intensively over 1 week: refer to the teaching timetable for details.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract. Non-Law students with a background in Planning may enrol with the permission of the Unit Coordinator and LLB Academic Chair.

Law of Planning (LLB367)

As for LAW367 except:

Credit Points: 3

Not available this year

Law Review (LAW313)

Credit Points: 4

MURDOCH: H-internal (quota of 20 places), Y-internal (quota of 20 places)

Provides an opportunity to learn to edit legal journals associated with Murdoch Law School. These journals publish leading articles, case-notes and comments, as well as book reviews dealing with a wide range of local issues including international trade and business law, domestic law, comparative law and international law. Aim: to contribute in a scholarly way to the discussion of recent legal developments and to provide up-to-date information to the legal and business communities.

12 hours of seminar workshops and regular contact with respective academic editor of your chosen journal.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract, plus permission of Unit Coordinator.

This unit is subject to quota. Quota is due to limited resources. Selection is based on: Academic record and standing; Demonstrated speaking, debating and mooted ability; Demonstrated administrative experience; Demonstrated knowledge of foreign languages and legal systems.

Law Review (LLB313)*As for LAW313 except:*

Credit Points: 3

Not available this year

This unit is not subject to quota.

Law, Justice and Social Policy (LEG100)

Credit Points: 3

MURDOCH: S2-internal

ROCKINGHAM: S1-internal

This unit introduces students to the role of law in promoting justice and in creating and implementing social policy. Topics: defining law and justice, the interaction of law and social policy, the functioning of the criminal justice system, the impact of police, welfare and the court system on youth, Aboriginal social justice, gender and the law, and public interest in matters such as the regulation of the environment.

Lectures/tutorials: up to 3 hours per week.

Prerequisites: Nil.

Exclusions: LLB or Juris Doctor (pre-2014) students may not enrol in this unit for credit.

Students enrolled in the LLB/Criminology combined degree must enrol in this unit for credit towards their Criminology (BA) degree.

Leading and Managing Nonprofit Organisations (MBS651)

Credit Points: 3

MURDOCH: S2-internal, S2-external

Nonprofit organisations operate in areas including welfare, education, community development, health, sport, arts, tourism, politics and the environment. Run by community groups, faith based organisations, large bureaucracies, entrepreneurs and committed citizens, their contribution to the economy is incalculable, and the variety in their forms and operations vast. This unit will explore leadership and management of nonprofit organisations, their context, the theory surrounding their existence and operation, and consider practical aspects such as marketing, financing, governance, and people management.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Students must be enrolled in a Postgraduate course.

Exclusions: Students who have successfully completed MBS699 Special Topics in Business: Not for Profit Business cannot enrol in this unit for credit.

Learning and Assessment Processes (EDN245)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit focuses on learning and assessment processes in education. It addresses major theories of learning, aspects of affective and social development and implications for educational practice. The unit also addresses principles and processes of assessment and evaluation as integral to the teaching-learning process. An overarching emphasis is the connection between theory, research and classroom practice, within the learning, teaching and assessment cycle. This unit provides foundations for understanding the psychological and practical aspects of effective learning environments.

Lectures: 2 hours per week; workshops: 2 hours per week.

Prerequisites: Enrolment in the Graduate Diploma in Education

(Primary), Bachelor of Education (Primary) (Graduate), or Graduate Diploma in Education (Secondary); successful completion of EDN112/EDN1121 Understanding Teachers' Work or EDU101/EDU1011 Introduction to Teaching.

Exclusions: Students who have successfully completed E241/EDU241 Processes of Learning or E244 Educational Assessment and Evaluation or E244/EDU244 Processes of Assessment or EDU242 Learning and Assessment: Theory and Practice may not enrol in this unit for credit.

Learning and Teaching (EDN208)*As for EDN221 except:*

Credit Points: 3

Not available this year

Learning and Teaching (EDN221)

Credit Points: 3

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

Addresses learning processes and teaching for effective learning. Throughout this unit students will explore the key theories associated with learning and motivation, as well as learner cognitive, social and emotional development. Students are provided with opportunities to better understand themselves as learners and develop ideas about their intended teaching practice. By understanding how effective learning and teaching is informed by research in educational psychology, this unit enables students to begin developing their own emerging philosophy of teaching and learning.

Lectures: 1 hour per week; workshops: 2 hours per week

Prerequisites: EDN112/EDN1121 Understanding Teachers' Work; OR successful completion of EDU101/1011.

Exclusions: Students who have successfully completed EDU242 Learning and Assessment: Theory and Practice or EDU245 Learning and Assessment Processes may not enrol in this unit for credit.

Learning and Teaching in Educational Communities (EDN300)

Credit Points: 4

MURDOCH: ST1-placement, ST2-placement, ST3-placement, ST4-placement

ROCKINGHAM: ST1-placement, ST2-placement, ST3-placement, ST4-placement

Students have the opportunity to experience a learning environment within a school/community or an overseas educational institution. Students will provide a service to the learning community while at the same time being mentored by a teacher or site based educator. Students undertake a project related to the particular environment in which they are placed whether it be a school or community organisation. The project will be developed in conjunction with the mentor teacher or supervisor and the University.

Meetings prior to the placement and other meetings will be negotiated with the School of Education and community education provider. The placement time is negotiated, but will be a minimum of 15 days or its equivalent.

Prerequisites: Approval of the Unit Coordinator. Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit. Students must lodge a Professional Experience

Placement Form by the due date with the Professional Experience Office to guarantee a school placement.

A result of Ungraded Pass or Fail is awarded for this unit.

Successful completion of this unit will be accepted in lieu of a Specified Elective.

Learning and Teaching in Educational Communities (EDN3001)

As for EDN300 except:

Credit Points: 2

MURDOCH: ST1-placement, ST2-placement, ST3-placement, ST4-placement

ROCKINGHAM: ST1-placement, ST2-placement, ST3-placement, ST4-placement

Meetings prior to the placement and other meetings will be negotiated with the School of Education and community education provider. The placement time is negotiated but will be 10 days or its equivalent.

Prerequisites: Approval of the Unit Coordinator. Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University Professional Experience Office prior to commencement of this unit. Students must lodge a MUSE Placement Form by the due date with the Professional Experience Office to guarantee a school placement.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students who have successfully completed EDN2100 and EDN3100 School Experience: Primary BEd may not enrol in EDU3001 School Experience: Learning and Teaching in Educational Communities.

Successful completion of EDU3001 will be accepted in lieu of EDN3100 or a Specified Elective of 2 points.

Learning and Teaching with ICT (EDU615)

As for EDU617 except:

Credit Points: 3

MURDOCH: S2-external

Learning and Teaching with ICT (EDU617)

Credit Points: 4

DUBAI-ISC: TSD-internal

This unit focuses on practical and theoretical issues related to the use of information and communications technology (ICT) across the curriculum in primary, secondary and postsecondary education. You will critically examine ICT in the research literature, explore the affordances and plan an authentic learning environment using technology as cognitive tools.

Tutorials: 3 hours.

Prerequisites: Enrolment in a postgraduate qualification or permission of the Unit Coordinator.

Exclusions: Students who have successfully completed EDU417/EDU617 Information Technology: Learning and Teaching may not enrol in this unit for credit.

Learning through the Arts (EDN260)

Credit Points: 4

Not available this year

Focuses on how the arts shape and express experience and their potential for learning. Considers the arts as ways of knowing and making meaning. Explores how the arts, creativity and culture help us know what it means to be human, focusing on your own play and story, creativity, imagination, transformation, improvisation and aesthetic understanding. Develops arts literacy and your capacity to engage with, reflect on and make informed judgements about the arts.

Internal: Lectures: 1 hour per week; workshops: 3 hours per week. External: LCS lectures 1 hour per week plus a self-devised study program equivalent to 3 hours per week.

All students will need to access LCS and LMS during this unit, to submit work electronically and create digital portfolios/assignments. Students enrolled in the SB6 summer offering are required to complete an on-campus component. Dates to be advised on the School of Education web site.

Prerequisites: Nil.

Exclusions: Students who have successfully completed E360/EDU360/EDU3601/EDU260 Learning Through the Arts may not enrol in this unit for credit.

External mode students are required to complete practical arts-based projects and portfolios. Internal mode students are required to complete practical arts-based performance projects.

This unit is subject to quota. Quota is due to limited resources and facilities. Preference is given to Education students; non-Education students are to seek permission of Unit Coordinator.

Learning, Teaching and Assessment (EDN222)

Credit Points: 3

MURDOCH: S2-internal, S2-external

ROCKINGHAM: S2-internal

EDN222 primarily addresses the principles, functions and methods of assessment and evaluation as integral parts of the teaching-learning process, including use of assessment for diagnostic purposes and for monitoring the standards and progress of education. The unit also builds on material studied in EDN221, including major theories of learning, motivation and engagement, aspects of affective and social development, and the implications of these for educational practice

Lectures/workshops: 3 hours per week.

Prerequisites: Successful completion of EDN221 Learning, Teaching and Assessment 1/EDN221 Learning and Teaching; Successful completion of EDN111 Language for Learning and Teaching AND EDN112/EDN1121 Understanding Teachers' Work OR EDU101/1011 Introduction to Teaching.

Co-requisite (for all students): Internet access.

Exclusions: Students who have successfully completed E241/EDU241 Processes of Learning or E244 Educational Assessment and Evaluation or E244/EDU244 Processes of Assessment or EDU242 Learning and Assessment: Theory and Practice or EDU245 Learning and Assessment Processes may not enrol in this unit for credit.

Legal Protection of International Human Rights (LAW337)

Credit Points: 4

MURDOCH: S1-internal

GENEVA: S2G-internal

This unit will review the legal nature, content and application of

international human rights. Human rights standards as set out in regional and international treaties and declarations will be considered, together with an in-depth look at the rights of interest to particular groups such as women, children, indigenous peoples and refugees. The unit will involve a consideration of fundamental human rights standards recognised and how these are enforced through international and regional mechanisms.

Lectures: 3 hours per week. In relation to the S2G enrolment option for this unit, students will have about 10 hours of lectures per week.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW258 Australian Administrative Law, LAW259 Constitutional Law.

The S2G enrolment option for this unit is offered as part of the International Human Rights Law Program in Geneva, Switzerland. Enrolment in this program is by application, and applications require payment of non-refundable deposit. Students enrolling in the program are responsible for their own airfares, accommodation and incidental expenses during the program. Contact the School of Law for further information.

Legal Protection of International Human Rights (LLB337)

Credit Points: 3

MURDOCH: S1-internal
GENEVA: S2G-internal

This unit will review the legal nature, content and application of international human rights. Human rights standards as set out in regional and international treaties and declarations will be considered, together with an in-depth look at the rights of interest to particular groups such as women, children, indigenous peoples and refugees. The unit will involve a consideration of fundamental human rights standards recognised and how these are enforced through international and regional mechanisms.

Lectures: 3 hours per week. In relation to the S2G enrolment option for this unit, students will have about 10 hours of lectures per week.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW258 Australian Administrative Law, LAW259 Constitutional Law.

The S2G enrolment option for this unit is offered as part of the International Human Rights Law Program in Geneva, Switzerland. Enrolment in this program is by application, and applications require payment of non-refundable deposit. Students enrolling in the program are responsible for their own airfares, accommodation and incidental expenses during the program. Contact the School of Law for further information.

Legal Research (LEG120)

Credit Points: 3

MURDOCH: S1-internal
ROCKINGHAM: S2-internal

This unit focuses on qualitative and quantitative research methods in the criminological and legal domain as well as legal research. In addition, students gain the skills necessary to write research reports and reports for courts and regulatory bodies.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed LEG120 (prior to 2012)/LAW120 Research and Writing may not enrol in this unit for credit.

Student enrolled in the LLB/BCrim combined degree must enrol in this unit for credit towards their BCrim degree.

Legal Research Methods for Honours (LAW582)

Credit Points: 4

MURDOCH: S1-internal, S2-internal

This unit aims to equip students with the requisite skills in advanced legal research and writing in preparation for completion of the Honours thesis. It provides students with an introduction to some of the current legal research paradigms and their methodologies together with opportunities to revise and reinforce the legal research skills associated with major legal databases. Students will also be able to develop skills that support their research endeavours.

Thirty hours of classroom instruction over the semester in the form of seminars or workshops.

Prerequisites: Approval to study Honours in Law.

Legal Research Methods for Honours (LLB582)

As for LAW582 except:

Credit Points: 3

Not available this year

Legal Studies Honours Seminar (LEG430)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Prerequisites: Enrolment in Honours in Legal Studies.

Legal Theory (LAW301)

Credit Points: 4

MURDOCH: S1-internal

This unit will trace the classical origins of the rule of law, survey the historical events that influenced the development of theories of law, and evaluate the contributions of legal theorists. Topics will include natural law, legal positivism, evolutionary legal theories, Marxist legal theory, legal realism, critical legal studies, feminist jurisprudence and economic legal theory. This unit aims to provide students with an understanding of jurisprudence and equip students with knowledge of the historical context in which law has developed.

Lectures: 4 hours per week.

Prerequisites: LEG120/LAW120 Research and Writing, LEG120 (prior to 2012)/LAW120 Research and Writing/LAW120 Legal Writing for Lawyers, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract.

Exclusions: Students who have successfully completed LAW366 Jurisprudence cannot enrol in this unit for credit.

Legal Theory and Research (BJU300)

Credit Points: 3

Not available this year

This unit provides an understanding of jurisprudence and of the historical context in which law has developed. Students will learn how to formulate a research hypothesis informed by legal theory. The unit surveys the classical origins of the rule of law, the historical events that influenced the development of theories of law, and the contributions of legal theorists. Topics include natural law, legal positivism, evolutionary legal theories, Marxist jurisprudence, legal

realism, critical legal studies, feminist jurisprudence and economic legal theory.

Legal Writing for Lawyers (LAW120)

Credit Points: 3

MURDOCH: S1-internal

This unit provides students with fundamental skills necessary for success in the study of law and in a legal career. It considers the principles of clear writing (or 'plain English') in various kinds of legal writing. It also covers related areas of law, especially the drafting and interpretation of wills. It will introduce students to fundamental legal research skills (particularly in the use of secondary legal materials), and ethical aspects of legal scholarship.

Lectures: 1 hour per week; tutorials: 1 hour per fortnight.

Prerequisites: Enrolment in LLB or Juris Doctor (pre-2014) AND successful completion of LAW150 Australian Legal System or BJU100 Australian Legal System, OR concurrent enrolment in BJU100 Australian Legal System.

Exclusions: Students who have successfully completed LEG120 (prior to 2012)/LAW120 Research and Writing/LAW120 Legal Writing for Lawyers, may not enrol in this unit for credit.

Life and Literature of Ancient Israel (THE100)

Credit Points: 3

Not available this year

This unit provides an introduction to the varied literature of the Old Testament. It will give an overview of the contents and major themes of the literature, together with aspects of historical and cultural setting within the Ancient Near East. Throughout the unit, students will be introduced to methods and issues in modern study of the Old Testament, and to available resources.

Lectures/seminars/tutorials: 3 hours per week.

Prerequisites: Nil.

Life, Death and Meaning (PHL277)

Credit Points: 4

Not available this year

Questions of meaning and how we fit into the world often seem empty and outdated. Science and technology provide the dominant framework for thinking about who we are and what matters in life. Material possessions seem to be the only measure of life's success. Is it possible to speak of the meaning of life? Is the ancient concern with the soul meaningful to us? How can we think about death? What is the connection between responsibility and a meaningful life?

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil. This unit is intended to be accessible to students from all disciplines.

Normally available every second year.

Life, Death and Meaning (PHL377)

As for PHL277 except:

Credit Points: 3

Not available this year

Literacies and Numeracy for Inclusive Education (EDN423)

Credit Points: 4

Not available this year

This unit aims to prepare students for the teaching of literacy and numeracy to children with additional needs. It will build on the understandings, knowledge and skills developed in the English and Mathematics curriculum units and the Inclusive Education units.

Prerequisites: Enrolment in a Teacher Education Course and successful completion of EDN223 Teaching English and Literacy in Primary Schools and EDN333 Teaching Mathematics and Numeracy in Primary Schools. Students enrolled in the Inclusive Education Minor will be given preference.

Literacies and Numeracy in Early Years 1 (EDN461)

As for EDN421 except:

Credit Points: 3

Not available this year

Literacies and Numeracy in Early Years 2 (EDN462)

As for EDN428 except:

Credit Points: 3

Not available this year

Literacies in the Early Years (EDN421)

Credit Points: 4

MURDOCH: S1-external

This unit aims to prepare students for the teaching of literacy and numeracy in the early years K-3. It will build on the understandings, knowledge and skills developed in the English and Mathematics curriculum units and in the Early Childhood units.

Prerequisites: Enrolment in a Teacher Education Course and successful completion of EDN223 Teaching English and Literacy in Primary Schools. Students enrolled in the Early Childhood and Primary degree will be given preference.

Literary Theory (EGL346)

As for EGL354 except:

Credit Points: 3

Not available this year

Literary Theory (EGL354)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit introduces students to a range of contemporary theoretical approaches to the study of literature, with a particular emphasis on postmodernism, post-structuralism and postcolonialism. An understanding of literary theory is developed through critical readings of several works of literature, including a number of contemporary texts.

Lectures: 1 hour per week; seminars: 1.5 hours per week.

Prerequisites: Nil.

Literature in an Age of Terror (EGL224)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit explores a range of literary forms, including fiction, song, political protest, speechwriting, performance and film, to question how an 'age of terror' comes to be understood as such, and to consider the role literature might play in challenging received ideas and generating new ways of thinking about 'terror'. Particular attention will be paid to the role of readers and the ways texts engage them to reflect on their own understanding of or attempt to escape from terror.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Literature Review (CHE476)

Credit Points: 4

MURDOCH: S1-internal, S2-internal

Prerequisites: Nil.

Living and Learning with Technology (EDN113)

Credit Points: 3

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

This unit focuses on technologies, not as hardware and software that are objects of study themselves, but as tools for personal learning and contemporary teaching. The unit will give students the opportunity to explore technology as social beings, as student learners and researchers at the university, and as classroom teachers. Tasks will be compiled in the course e-portfolio and will focus on the creation of real and useful products (such as websites and digital teaching resources).

Lectures/workshops: 3 hours per week.

Prerequisites: Enrolment in an initial teacher education course or permission from the Unit Coordinator

Co-requisite (for all students): Internet access, computer access.

Local Area Network Design and Implementation (ICT546)

Credit Points: 3

MURDOCH: S1-internal

This unit is the first of two which together deliver the Cisco CCNA Certification curriculum. ICT535 Advanced Business Data Communications is the subsequent unit. The networking architectures of TCP/IP and OSI are studied as an introduction to the theory of networking. Extensive practical exercises using internetworking devices such as hubs, switches and routers, provide the student with LAN design and implementation skills.

Workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate IT course.

Love and Friendship (PHL212)*As for PHL215 except:*

Credit Points: 3

Not available this year

Love and Friendship (PHL215)

Credit Points: 4

Not available this year

Love and friendship have long been recognised as playing a central part in the best sort of human life. But just what love is, how friendship differs from other sorts of love, and why love relationships are so important is not so readily understood. This unit explores philosophical perspectives on the nature of love and friendship, the roles of intimacy, uniqueness, constancy, reciprocity and love of humanity, as well as themes concerning autonomy, jealousy, gender and ethics.

Lectures/tutorials: up to 2.5 hours per week.

Prerequisites: Nil. This unit is intended to be accessible to students from all disciplines.

This unit will be offered in alternate years.

Love and Sexuality in Japan (JPN206)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Explore and analyse multiple attitudes to and manifestations of love and sexuality in twentieth and twenty-first century Japan. Themes include marriage, non-marriage and divorce; diverse configurations of 'family', gender-role changes in private and public domains; pronatalism, family planning and 'the pill'; 'mixed' marriages: Burakumin (outcasts), Koreans resident in Japan, and overseas bride recruitment; sex work; non-heterosexuality issues; Japan's response to HIV/AIDS; sexuality and population change in Japan's ageing society; and fanatical adoration of pop culture.

Lectures: 2 x 1 hour per week; tutorials: 1 x 1 hour per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed AST253 Special Topics in Asian Studies: Love and Sexuality in Japan cannot enrol in this unit.

Macroeconomics A (BUS260)

Credit Points: 4

MURDOCH: S1-internal, S1-external

KAPLAN-SGP: TJA-internal, TSA-internal

This unit provides an intermediate level of knowledge and understanding of basic macroeconomic principles. A framework for analysis is developed and the determinants of unemployment, inflation and the level of output are discussed. Particular emphasis is placed upon the role of government macroeconomic policy.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS161 Introduction to Economics.

Macroeconomics A (BUS289)*As for BUS260 except:*

Credit Points: 3

Not available this year

Macroeconomics B (BUS327)

As for BUS360 except:

Credit Points: 3

Not available this year

Macroeconomics B (BUS360)

Credit Points: 4

MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal

This unit provides an advanced level treatment of macroeconomic theory and policy issues. The unit focuses on the evolving or dynamic nature of macroeconomic disputation: from pre-Keynesian perceptions to the modern period. Particular attention will be paid to the structure of post-Keynesian economics

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS260 Macroeconomics A.

Making of the Modern World (HIS182)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit introduces students to a variety of social, political, cultural and conflict histories and explores how the global history of the past three hundred years has shaped the contemporary world. The unit is divided into three modules - Empires, Ideologies and Revolutions - each of which will be engaged in from a global perspective, exploring historical problems from the European, Trans-Atlantic, Asian, Middle Eastern and Colonial worlds and provide an introduction to the concepts of 'different histories' and historiography.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed HIS182 Turning Points in History cannot enrol for credit in this unit.

Management Accounting (BUS227)

Credit Points: 4

MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

This unit examines the role of the accountant in providing information to internal management. The major areas are advanced costing methods, budgeting and performance evaluation, and decision making.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: BUS160 Introduction to Accounting.

Trimester offerings for this unit at Singapore (SGP1) are taught in intensive mode.

Management Accounting (BUS287)**As for BUS227 except:**

Credit Points: 3

Not available this year

Management Accounting (MBS627)

Credit Points: 4

KAPLAN-SGP: TMA-internal

This unit focuses on providing accounting information to internal management. The topics include advanced costing methods and systems for services, products and overheads; information for managing resources for performance evaluation and tactical decision-making. In addition contemporary approaches to measure and manage performance using non-financial indicators will be discussed.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate-level course.

Management Accounting (MBS669)**As for MBS627 except:**

Credit Points: 3

MURDOCH: S1-internal

Managing Communication (MCC687)

Credit Points: 3

MURDOCH: S2-internal

Explore the main theoretical perspectives that inform organisational communication and situate them in relation to the strategic communication skills necessary for public sector professionals, not-for-profit professionals and people working in international affairs. Examine the importance of organisational culture and communication with stakeholder groups. Develop the conceptual ability to link the development of organisational goals with communication practices appropriate for the political environment and learn to conduct professional communication within a diverse range of public sector environments.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Managing in a Health Care Environment (SHP612)

Credit Points: 3

MURDOCH: S1-external

This unit introduces students to management in diverse health care environments. It explores the complexities and challenges of health care management, and examines theoretical and contemporary evidence based practice perspectives through review of current research. Concepts of managing change, conflict, budgets, information, human resources, community engagement and organisational behaviour are discussed in the context of Australian health care models and reform. This unit is suitable for health professionals working in leadership and management roles, and those aspiring to do so.

External: No attendance required

Prerequisites: Enrolment in a postgraduate course.

Exclusions: Students who have successfully completed NUR612 Managing in a Health Care Environment may not enrol in this unit for credit.

Managing Remuneration, Benefits and Motivation (MBS626)

Credit Points: 4

DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal

This unit focuses on managing employee remuneration and benefits in contemporary organisations. It gives students a broad understanding of the theoretical frameworks underpinning the links between work behaviours and pay, and practical experience in designing and evaluating an effective remuneration system. Topics include the mechanics of determining relative job worth when establishing pay structures; the link between motivation theory and the use of incentive systems in performance management; the impact of economic theory and the broader environment in wage determination.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a graduate-level course.

Managing Remuneration, Benefits and Motivation (MBS668)

As for MBS626 except:

Credit Points: 3

MURDOCH: S2-internal, S2-external

Managing Wetlands and Water (ENV311)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit provides a comprehensive theoretical and practical basis for the management, monitoring and conservation of rivers, streams, estuaries and wetlands. It develops an understanding of aquatic processes which includes the physical and chemical features of inland, estuarine and nearshore marine waters and aspects of primary and secondary production. The unit then focuses on human impacts, monitoring, management strategies and water resources policy. The practical component of the unit provides a knowledge of relevant physical, chemical and biological research techniques.

Lectures: 2 hours per week; practical work: 3 hours per week.

Prerequisites: Completion of ENV268 Ecology. Concurrent enrolment on ENV268 may be approved by the ENV311 Unit Coordinator.

Students who previously did ENV311 Management of Aquatic Systems may not enrol in this unit for credit.

Managing Wetlands and Water (ENV332)

As for ENV311 except:

Credit Points: 3

Not available this year

Managing, Evaluating and Developing Human Resources (MBS525)

Credit Points: 4

DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal

This unit will focus on the integration of performance appraisal, training, management development and career management systems that form the nucleus of an overall performance management system in an organisation. Such systems need to be mutually reinforcing to achieve the accountability, development, maintenance and motivation of human resources in the enterprise.

Managing, Evaluating and Developing Human Resources (MBS625)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit will focus on the integration of performance appraisal, training, management development and career management systems that form the nucleus of an overall performance management system in an organisation. Such systems need to be mutually reinforcing to achieve the accountability, development, maintenance and motivation of human resources in the enterprise.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a graduate-level course.

Exclusions: Students who have successfully completed MBS625/525 Managing, Evaluating and Developing Human Resources cannot enrol in this unit for credit.

Marine and Estuarine Biology (BIO384)

Credit Points: 4

MURDOCH: S1-internal

This unit examines marine and estuarine ecosystems, their organisms and how these ecosystems function. Commencing with an introduction to marine ecology, followed by an examination of various aspects of planktonic, estuarine, intertidal, benthic and coral reef communities. The information is used to illustrate the temporal and spatial structure and functioning of marine ecosystems. Essential part of the unit is a one-week field camp, which will be held in the week preceding the start of Semester 1.

Lectures: 3 hours per week; workshops: 3 hours per week for part of the semester; tutorial: one 2-hour tutorial; fieldwork: 1-week fieldwork component in the week before the commencement of Semester 1.

Prerequisites: BIO261 Animal Diversity, or BIO287 Plant Diversity (Marine Science) or BIO265 Plant Diversity, or ENV268 Ecology.

Marine Ecology (BIO377)

As for BIO384 except:

Credit Points: 3

Not available this year

Lectures: 3 hours per week; workshops: two 3-hours per week for part of the semester computer workshops; tutorial: one 2-hour tutorial; fieldwork: 1-week fieldwork component in the week before the commencement of Semester 1.

Prerequisites: BIO261 Animal Diversity, or BIO287 Plant Diversity (Marine Science) or BIO265 Plant Diversity, or ENV268 Ecology.

Marketing and Advertising Law (BSL203)

As for BSL209 except:

Credit Points: 3

Not available this year

Exclusions: Students who have successfully completed BUS209 Marketing and Advertising Law may not enrol in this unit for credit.

Marketing and Advertising Law (BSL209)

Credit Points: 4

MURDOCH: S1-internal, S1-external
KDUPJ: S1U-internal

This unit considers the laws regulating the marketing of goods and services in Australia. The focus is on common legal issues faced by

those involved in the sale and promotion of products and services. Topics studied include consumer protection, passing off actions, product labels and packaging, product liability and advertising law and promotions.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS165 Principles of Commercial Law.

Exclusions: Students who have completed BUS209 Competition and Consumer Law may not enrol in this unit for credit.

Marketing and Advertising Law (BUS209)

As for BSL209 except:

Credit Points: 4

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TMA-internal

SGP1: TMB-internal

Marketing Research and Analysis (BUS210)

As for BUS235 except:

Credit Points: 3

Not available this year

Marketing Research and Analysis (BUS235)

Credit Points: 4

MURDOCH: S2-internal, S2-external

DUBAI-ISC: TJD-internal, TSD-internal

KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

KDUPJ: S2U-internal

SGP1: TJB-internal, TMB-internal

This unit is designed to provide students with an overview of the marketing research process and its basis in the scientific method. It also develops knowledge in the principles of research design, data collection, statistical analysis and report preparation and presentation. The unit examines recent developments in online research methods and the use of database marketing. Ethical issues of research are also addressed as well as difficulties involved in cross-cultural research.

Lectures/workshops: 3 hours per week.

Prerequisites: MAS180 Introduction to Statistics and BUS169 Principles of Marketing.

Exclusions: Students who have successfully completed BUS335 Marketing Research and Analysis cannot enrol in this unit for credit.

Master of Arts by Coursework Dissertation (AIS650)

Credit Points: 12

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

A dissertation in a Master of Arts by Coursework requires a substantive investigation of a relevant topic under the supervision of a member of the academic staff. Students are required to report their investigation in a dissertation of approximately 20,000 words completed in accordance with University requirements.

Prerequisites: Enrolment in an MA by Coursework.

Students cannot self-enrol in this unit.

Master of Arts by Coursework Dissertation (MCC650)

Credit Points: 12

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

A dissertation in a Master of Arts by Coursework requires a substantive investigation of a relevant topic under the supervision of a member of the academic staff. Students are required to report their investigation in a dissertation of approximately 20,000 words completed in accordance with University requirements.

Prerequisites: Enrolment in an MA by Coursework.

Students cannot self-enrol in this unit.

Master of Arts by Coursework Project (AIS620)

Credit Points: 4

MURDOCH: H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

A project in a Master of Arts by Coursework requires a major report on a relevant topic under the supervision of a member of the academic staff. The project will normally have at most 8000 words for the 4-point option and 12,000 words for the 8-point option, completed in accordance with University requirements.

Prerequisites: Enrolment in an MA by Coursework.

Master of Arts by Coursework Project (MCC620)

Credit Points: 4

MURDOCH: H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

A project in a Master of Arts by Coursework requires a major report on a relevant topic under the supervision of a member of the academic staff. The project will normally have at most 8000 words for the 4-point option and 12,000 words for the 8-point option, completed in accordance with University requirements.

Prerequisites: Enrolment in an MA by Coursework.

Master of Business Thesis (MBS610)

Credit Points: 24

MURDOCH: S1-internal, S2-internal

Master of Ministry Project (THE583)

Credit Points: 8

MURDOCH: H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

A project in a Master of Ministry requires a major report on a relevant topic under the supervision of a member of the Theology staff. A 4-point project will normally have a maximum of 6,000 words, and an 8-point project at most 12,000 words, completed in accordance with University requirements. This unit is not open for self-enrolment as students must discuss with the Academic Chair their topic and the availability of a supervisor.

Prerequisites: Completion of the first year of Master of Ministry for the 8-point project only.

Master of Ministry Project (THE5831)*As for THE583 except:*

Credit Points: 4

MURDOCH: H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Masters by Coursework Research Dissertation (ART610)

Credit Points: 12

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

A Masters by Coursework Dissertation requires substantive investigation of a relevant topic under the supervision of a member of the academic staff. Students must apply for permission to undertake the Dissertation option. They should submit to the Academic Chair a short description of the topic of the proposed research and the sources to be used. Students should enrol in the Masters by Coursework Research Project in the initial instance until approval to enrol in the Dissertation has been obtained.

Prerequisites: A Distinction average in coursework and approval of the Academic Chair.

Masters by Coursework Research Project (ART640)

Credit Points: 3

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external

A Masters by Coursework Research Project requires major investigation of a relevant topic carried out under academic staff supervision. A substantial formal report is submitted for assessment and may involve original research, a replication of published research in a different setting or applied studies of a problem-solving nature.

Prerequisites: Enrolment in a Masters course.

Masters by Coursework Research Project (ART6401)*As for ART640 except:*

Credit Points: 6

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external

Masters by Coursework Research Project (ART6402)*As for ART640 except:*

Credit Points: 9

Not available this year

Masters Coursework Production (MCC651)

Credit Points: 12

MURDOCH: H-internal, S1-internal, S2-internal, Y-internal

A Master of Arts by Coursework Production is a discrete production, such as a short film, short feature, or screenplay. Candidates wishing to include, in addition to the production, a written thesis component that will position the production as a research-oriented work should enrol in MCC650 Master of Arts by Coursework Dissertation (12 pts) or MCC620 Master of Arts by Coursework

Project (4 pts)/MCC6201 Master of Arts by Coursework Project (8 pts).

Prerequisites: Nil.

Masters Topic in Media Production (MCC6101)

Credit Points: 4

MURDOCH: H-internal, S1-internal, S2-internal, SUM-internal, Y-internal

This is a Master-level unit, specific to the candidate's program of study, designed to afford focus on a related area of research, praxis, pre-production or production methodology.

Prerequisites: Nil.

Masters Topic in Media Production (MCC6102)

Credit Points: 4

MURDOCH: H-internal, S1-internal, S2-internal, SUM-internal, Y-internal

This is a Master-level unit, specific to the candidate's program of study, designed to afford focus on a related area of research, praxis, pre-production or production methodology.

Prerequisites: Nil.

Materials Chemistry (CHE304)*As for CHE312 except:*

Credit Points: 3

Not available this year

Materials Chemistry (CHE312)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Materials chemistry investigates the relationship between the atomic or molecular structure of materials and their macroscopic properties. This unit introduces the properties, characterisation techniques and applications of various materials, and the fundamental chemistry underpinning their preparation, structure and properties. Materials categories covered in this unit range from highly structured materials such as ionic compounds, metals and alloys through disordered materials such as polymers and on to advanced materials such as nano-particles, semiconductors and biomaterials.

Lectures/workshops: 4 hours per week; laboratories: up to 4 hours per week.

External: Internet access and compulsory up to 4-day on campus laboratory session. Due to the nature of offering this unit, students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to commencement of the teaching period.

Prerequisites: CHE/PEC201 Thermodynamics; CHE/PEC247 Chemical Processes.

Maternal, Child and Adolescent Nursing Care (NUR259)

Credit Points: 4

PEEL: S2N-internal

This unit will allow students to explore maternal and children's health from a holistic perspective that will include individual, contextual and modifying factors. Students will understand the necessity to work in partnership with families and parents to enhance strength and competence from a primary health care

perspective. This unit will introduce nurses to the main concepts beginning from the childbirth continuum through to adolescents, utilising physical and psychosocial development models.

Lecture: 1 hour per week; laboratories: 2 hours per week

Prerequisites: Completion of all Part I core BNursing units, NUR256 Medication Management for Nursing

Exclusions: Students who have successfully completed NUR302 Maternal and Newborn Health may not enrol in this unit for credit.

The main concepts of this unit will be consolidated during a clinical placement under the supervision of the registered midwife and/or nurse.

Mathematical Methods (MAS220)

As for MAS261 except:

Credit Points: 3

Not available this year

Mathematical Methods (MAS261)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Real problems often involve a number of variables that depend on time (a vector function), or a single function that depends on many variables (a function of several variables), or a combination of both. This unit is made up of four sections: Fourier series, multivariable calculus, linear algebra and Laplace transforms. These are branches of mathematics essential for dealing with such real-world problems.

Lectures: 3 hours per week, tutorials: 1 hour per week.

Prerequisites: MAS161 Calculus and Matrix Algebra or MAS208 Mathematical Modelling.

Exclusions: Students may not enrol in this unit and either of MAS164 Fundamentals of Mathematics or MAS182 Applied Mathematics concurrently.

Mathematical Modelling (MAS208)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit considers mathematical models, their uses and limitations. Case studies involving relatively simple mathematical ideas will demonstrate that models range from simple tools for answering 'what if' questions to quite accurate descriptions that allow useful predictions to be made. Topics: modelling of chemical, biological and physical systems (using first order ordinary differential equations); modelling of steady state systems (using matrix algebra); dynamical models (ordinary differential equations); modelling of diffusive processes (partial differential equations). Tutorials will use computer algebra software.

Lectures/tutorials: 4 hours per week.

Prerequisites: MAS182 Applied Mathematics or MAS161 Calculus and Matrix Algebra.

Exclusions: Students may not enrol in this unit and MAS164 Fundamentals of Mathematics concurrently.

Mathematical Modelling (MAS221)

As for MAS208 except:

Credit Points: 3

Not available this year

Mathematics and the Curriculum (Secondary) (Major) (EDN414)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit aims to assist the student teacher to develop competency with the planning and implementation skills associated with the teaching of a program of secondary mathematics. It is directed towards the development of the mathematical skills and problem-solving abilities of adolescents. This unit is not a mathematics unit; rather, it is about teaching mathematics.

Lectures/workshops: 50 hours.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: Successful completion of EDN112/EDN1121 Understanding Teachers' Work or EDU101/E101/EDU1011/E1011 Introduction to Teaching AND enrolment in a teacher education course [BEd (Secondary) or BEd (Secondary) (Graduate)]; OR enrolment in GradDipEd (Secondary) or GradCertMathTeach.

Completion or near completion of a major in Mathematics. Students must have completed or currently be enrolled in EDN4101 School Experience: Secondary BEd for students enrolled in the Bachelor of Education (Secondary).

Students should be enrolled in BEd(Secondary)/BSc (Mathematics and Statistics) OR BEd (Secondary) (Graduate with Mathematics degree) and enrolled in EDU3161 School Experience: Secondary BEd for students taking this unit (EDN414) as a curriculum major.

OR

Enrolment in EDN3101 School Experience: Secondary BEd for students enrolled in the Bachelor of Education (Secondary) and taking EDN314 as a curriculum minor.

OR

Enrolment in EDU293 and EDU297 for students enrolled in the Graduate Diploma in Education (Secondary) and taking EDN414 as a curriculum major.

Mathematics and the Curriculum (Secondary) (Minor) (EDN314)

Credit Points: 2

MURDOCH: S1-internal, S1-external, S2-external

This unit aims to assist the student teacher to develop competency with the planning and implementation skills associated with the teaching of a program of secondary mathematics. It is directed towards the development of the mathematical skills and problem-solving abilities of adolescents. This unit is not a mathematics unit -- rather, it is about teaching mathematics.

Lectures/workshops: 25 hours.

Prerequisites: Successful completion of EDN112/EDN1121 Understanding Teachers' Work or EDU101/E101/EDU1011/E1011 Introduction to Teaching AND enrolment in a teacher education course [BEd (Secondary) or BEd (Secondary) (Graduate)]; or enrolment in GradDipEd (Secondary) or GradCert in Mathematics Teaching.

Curriculum teaching minor in Mathematics requires a minimum of two units (6 points) at Part I-level and at least one unit (4 points) at Part II-level from the Mathematics and Statistics major.

Mathematics for Teaching (EDN110)

Credit Points: 3

MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

This unit is designed for students who have not successfully completed Stage 2 or above of Year 12 Mathematics. It aims to further enhance their skill and understanding of critical mathematical concepts and processes needed to teach primary school mathematics and science. The content will address key elements of the primary school mathematics curriculum: number and algebra; measurement and geometry; and statistics and probability.

Lectures/workshops: 3 hours/week.

Prerequisites: Co-requisite (for all students): Internet access.

Exclusions: Students who have successfully completed Stage 2 or above of Year 12 Mathematics or undergraduate mathematics units. Students who have successfully completed EDU162 Cultural Mathematics or EDN114 Thinking Mathematically may not enrol in this unit for credit.

If students fail EDN110 they cannot enrol in EDN114 Thinking Mathematically. If students fail EDN114 and have not already completed EDN110, then they must complete EDN110 before enrolling again in EDN114.

Meaning and Interpretation (PHL217)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit deals with central themes in contemporary philosophy of language, in both the analytic and phenomenological traditions. Questions addressed include: How do we make 'sense' of the world? How do we understand others? What counts as a language? Is 'language' necessary to make the world 'meaningful' for us? Can we think without words? What is the relation between thinking, talking and hearing? What is the relation between language and reality? Is it possible to understand what someone else says?

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Meaning and Interpretation (PHL317)*As for PHL217 except:*

Credit Points: 3

Not available this year

Mechanisms of Disease (BMS314)*As for BMS360 except:*

Credit Points: 3

Not available this year

Mechanisms of Disease (BMS360)

Credit Points: 4

MURDOCH: S1-internal

This unit deals with the basic principles of general pathology. It covers all the key mechanisms of diseases such as thrombosis, cardiovascular disturbances, inflammation, cell and tissue death, diseases resulting from an aberrant in utero environment, and diseases of abnormal DNA processing such as neoplasia and inherited conditions. Using examples from human and animal disease the relationships between the varying pathological processes will be explored. Disease is discussed at both the naked

eye, microscopic and molecular levels.

Lectures: 3 hours per week; histopathology workshops: 2 hours per week; problem-solving workshops: 1 hour per week.

Prerequisites: BMS264 Biomedical Physiology.

Media and Globalisation (MCC314)

Credit Points: 4

MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

This unit surveys contemporary issues arising from the internationalisation of mass communication. It introduces key theories of globalisation, corporation, concentration and conglomeration, convergence, and media/cultural imperialism. Students will undertake case studies that examine a range of topics including the advent of 24/7 news and development of regional/global media hubs. Students will be tasked to think critically about the global mediascape and develop a deeper understanding of the rapidly changing media and creative industries around the world.

Lectures: 1.5 hours per week; tutorials: 1.5 hours per week.

Prerequisites: MCC108 Introduction to Communication and Media.

Media and the Curriculum (Major) (EDN415)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit examines the study of media in the K-12 school curriculum, particularly as it applies to the learning areas of the Arts and English. Attention is given to how emerging technologies and theories of media might inform the teaching of media in primary and secondary classrooms. Students should expect to develop an increased understanding of and expertise in the use of effective strategies for the teaching of media.

Lectures/workshops: 4 hours per week.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: Enrolment in a teacher education course [either BEd (Secondary) or BEd (Secondary) (Graduate) or GradDipEd (Secondary)]; successful completion of EDN112/EDN1121 Understanding Teachers' Work or EDU101/EDU1011 Introduction to Teaching.

Students should also be enrolled in EDN4101 Professional Experience: BEd Secondary for students enrolled in the Bachelor of Education (Secondary)/Bachelor of Media or Bachelor of Mass Communication or Bachelor of Communication or Bachelor of Education (Secondary) (Graduate), where taking this unit (EDN415) as a curriculum major.

OR

Enrolment in EDN3101 Professional Experience: BEd Secondary for students enrolled in the Bachelor of Education (Secondary) and taking EDN315 as a curriculum minor

OR

Enrolment in EDN2161 Professional Experience: Secondary Graduate for students enrolled in the Graduate Diploma in Education (Secondary) and taking EDN415 as a curriculum major or EDN315 as a curriculum minor.

Media and the Curriculum (Minor) (EDN315)

Credit Points: 2

MURDOCH: S1-internal, S1-external

This unit examines the study of media in the K-12 school curriculum, particularly as it applies to the learning areas of the Arts and English. Attention is given to how emerging technologies and theories of media might inform the teaching of media in primary and secondary classrooms. Students should expect to develop an increased understanding of and expertise in the use of effective strategies for the teaching of media.

Lectures/workshops: 4 hours per week.

Prerequisites: Enrolment in a teacher education course [either BEEd (Secondary) or BEEd (Secondary) (Graduate) or GradDipEd (Secondary)]; successful completion of EDN112/EDN1121 Understanding Teachers' Work or EDU101/EDU1011 Introduction to Teaching.

Curriculum teaching minor in Media requires a minimum of two units (6 points) at Part I-level and at least one unit (4 points) at Part II-level from the Mass Communication or Media Studies or Multimedia or Communication or Digital Media majors.

Media Audiences and the Public (MCC236)

Credit Points: 4

MURDOCH: S1-internal, S1-external

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TMA-internal

KDUPJ: S1U-internal

SGP1: TMB-internal

This unit considers the contemporary media environment for audiences in terms of historical and newly developing traditions of audience analysis. It also examines theories that inform public and political communication, focusing specifically on the media-public dynamic. The unit draws on several disciplines, including mass communication, media studies, psychology, consumer behaviour, public opinion and cultural studies. The unit provides practical knowledge about how media audiences and publics are measured and develops basic proficiency in the practical skills of audience research.

Lectures: 1 hour per week; tutorials 1.5 hours per week.

Prerequisites: MCC108 Introduction to Communication and Media.

Exclusions: Students who have completed MSC236 Media Audiences are not eligible to enrol in this unit.

Media Governance and the Public Sphere (CMS305)

Credit Points: 3

Not available this year

This unit focuses on media governance and its relations to the public sphere. It will examine policies and practices that govern and influence the media, public culture and the creative industries. Students will learn about key media regulatory issues - including community standards, ethics, norms, etiquettes, literacies - and understand how these enable and constrain a range of media, cultural and social practices globally. Topical case studies will be drawn from various global contexts and student will learn how to analyse policies.

1x1 hour lecture; 1x1.5 hour tutorial.

Prerequisites: Completion of 24 points at 200 level

Exclusions: Students who have successfully completed MCC337 Cultural and Media Policy cannot enrol in this unit.

Media Law and Ethics (JOU245)*As for MCC245 except:*

Credit Points: 3

Not available this year

Media Law and Ethics (MCC245)

Credit Points: 4

MURDOCH: S1-internal

DUBAI-ISC: TMD-internal

SGP1: TMB-internal

All professional communicators need to be aware of their legal and ethical rights, obligations and responsibilities. This unit examines the laws affecting journalists, public relations practitioners and editors in Australia. It will engage students in the ethical issues that face communicators on the job, and consider the ethical issues for each of the communication professions.

Lectures: 1 hour twice a week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed JOU345 Media, Law and Ethics or JOU324 Journalism: Professional and Legal Frameworks may not enrol in this unit for credit.

Media Production Seminar (MCC533)

Credit Points: 3

MURDOCH: S1-internal, S2-internal

Prerequisites: Enrolment in Graduate Certificate in Media Production or Graduate Diploma in Media Production

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students who have successfully completed MED433 Media Production Seminar may not enrol in this unit for credit.

Media Projects (MCC312)

Credit Points: 4

MURDOCH: S1-internal, S2-internal

DUBAI-ISC: TMD-internal

This unit extends the practical, critical and research skills developed in media production units. It is designed for dedicated media makers who wish to (i) participate in a client or a tutor-directed project (ii) explore the conceptual possibilities of the visual medium in the context of a group production (iii) explore collaborative links with other communication and media majors and units. This unit is designed for students in their third full-time year of study.

Tutorials: 3 hours per week.

Prerequisites: MCC201 Professional Development in Screen Production if enrolled in Screen Production major; OR MCC267 Photo and Video Journalism if enrolled in Photography minor; OR MCC244 Radio Presenting and Producing if enrolled in Radio major; OR MCC214 Sound Production if enrolled in Sound major; OR completion of PHO124 Photography 1 and PHO203 Photography 2 if enrolled in the Photography major. Permission of the Unit Coordinator is required for enrolment.

Media Projects (PHO312)

As for MCC312 except:

Credit Points: 3

Not available this year

Media Relations (MCC259)

Credit Points: 4

MURDOCH: S1-internal

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TMA-internal

KDUPJ: S1U-internal

SGP1: TMB-internal

This unit explores the theory and practice of media relations through case studies, practical writing exercises and the development of a media relations campaign. Students learn how to work closely with the media, plan and evaluate media campaigns, prepare for interviews and press conferences, and write effective media releases, backgrounders and feature stories. In addition, students will explore the broader social role of media relations and its relationship with public relations.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Media Relations (PRO259)**As for MCC259 except:**

Credit Points: 3

Not available this year

Media, Culture and Politics in Indonesia (IND271)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit examines the dramatic changes which have taken place in Indonesia since 1965, with particular emphasis on recent decades. It focuses on the relationship between media, contemporary culture and political and social change, exploring popular music, contemporary literature, print, electronic, and 'new' media. We discuss the forces which shape contemporary Indonesian media, culture and politics, such as ethnicity, gender and class, in the context of the interaction between elite-dominated 'national culture' and the practices of other classes.

Lectures: 1.5 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil. No knowledge of Indonesian language is required.

Media, Culture and Politics in Indonesia (IND371)**As for IND271 except:**

Credit Points: 3

Not available this year

Mediated Politics (POL221)

Credit Points: 4

Not available this year

Our experiences of politics come through the mass media. What we see as 'politics' is a representation presented through the mass media. We cannot understand politics, then, unless we examine the ways that the mass media present politics to us. To do this, we have to start with the traditional media (television, newspapers and radio) and then consider the effects of the new media (smartphones, websites - especially blogs - and social networking technologies).

Up to 3 hours per week.

Prerequisites: Nil.

Students who have successfully completed POL302 Power of the Media and Public Interest may not enrol in this unit for credit.

Mediated Politics (POL231)**As for POL221 except:**

Credit Points: 3

Not available this year

Mediation (LAW307)

Credit Points: 4

MURDOCH: SP18-internal

Introduction to the knowledge and skills associated with mediation as it is practised in Australia including family law, commercial disputes, neighbourhood disputes and through court referrals. Examine the legal framework governing the practice of mediation and issues associated with its use including privacy and confidentiality, power imbalances, mediator training and competency and the enforceability of mediated agreements. Develop communication and other skills necessary for participating in mediations, whether as a party, a representative of a party or as a mediator.

Taught intensively over one week: refer to timetable for details.

Prerequisites: Enrolment in the Graduate Certificate in Dispute Resolution OR LAW152 Torts, LAW130 Criminal Law and Procedures, and LAW260 Contract.

Students taking the unit at the advanced level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills.

Mediation (LEG307)**As for LAW307 except:**

Credit Points: 4

MURDOCH: SP18-internal

Taught intensively over one week: refer to timetable for details.

Prerequisites: LEG150 Australian Legal System or LEG100 Law, Justice and Social Policy.

Students taking the unit at the advanced level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills.

Mediation (LEG397)**As for LAW307 except:**

Credit Points: 3

Not available this year

Prerequisites: LEG150 Australian Legal System or LEG100 Law, Justice and Social Policy.

Exclusions: Students who have successfully completed LEG207 Mediation may not enrol in this unit for credit.

Mediation (LLB397)

As for LAW307 except:

Credit Points: 3

Not available this year

Medical Immunology and Molecular Genetics (BMS211)**As for BMS265 except:**

Credit Points: 3

Not available this year

Medical Immunology and Molecular Genetics (BMS265)

Credit Points: 4

MURDOCH: S2-internal

This unit will provide basic knowledge and practical skills in medical immunology together with molecular and quantitative genetics. Sections comprise features of immune response in both health and disease, including an understanding of immunopathogenic mechanisms of disease. Emphasis is also given to the structure and functioning of genes and how this molecular knowledge is increasingly being applied to the diagnosis and treatment of clinical disease. Includes a practical laboratory component and a written assignment on a selected topic within immunology.

Lectures: 3-4 hours per week; practicals: 3 hours per week.

Prerequisites: BIO152 Cell Biology.

Exclusions: Students who have successfully completed or who are currently enrolled in BIO252 Immunology, Vaccines and Cell Culture or CHI302 Immunology, Genetics and Microbiology may not enrol in this unit for credit.

Medication Management for Nursing (NUR256)

Credit Points: 4

PEEL: S1N-internal

This unit will introduce students to the quality use of medications in healthcare, with particular emphasis on the nurse's role in safe administration, legal and ethical issues related to medication administration and documentation and patient education. Major drug classes and the pharmacokinetics of these following a patho-physiological framework will be presented. Simulated clinical applications and skills will be addressed, including calculation of dosages.

Lecture: 1 hour per week; tutorials: 2 hours per week

Prerequisites: Completion of all Part I core BNursing units.

Exclusions: Students who have successfully completed NUR201 Fundamentals of Pathophysiology and Pharmacology I, NUR202 Fundamentals of Pathophysiology and Pharmacology II, NUR203 Medical and Surgical Nursing I and NUR205 Medical and Surgical Nursing II may not enrol in this unit for credit. Students who have only successfully completed some of these units should contact the Academic Chair.

Medicine 1 (VET625)

Credit Points: 3

MURDOCH: S1-external (quota of 30 places)

This unit considers endocrinology, urinary tract diseases and medical neurology. The principle objective is for students to gain a deeper understanding of the pathophysiology associated with diseases of these organ systems and to use this knowledge to improve both diagnostic and treatment skills.

Prerequisites: Enrolment in the Master of Veterinary Studies in Small Animal Practice (M1022), or enrolment in the Postgraduate Certificate in Veterinary Studies in Small Animal Practice (C1074), or enrolment in the Postgraduate Certificate in Veterinary Studies in Small Animal Practice (International) (C1101).

This unit is subject to quota. Quota is due to limited resources. Students must be enrolled in the College of Veterinary Medicine's postgraduate or graduate courses.

Medicine 2 (VET626)

Credit Points: 3

MURDOCH: S2-external (quota of 30 places)

This unit incorporates the basic investigative techniques and pathophysiology of diseases of the alimentary, respiratory and cardiovascular systems. Each body system is evaluated individually with a problem-oriented approach and common diseases are discussed in more depth. The more controversial topics and new treatment strategies available will also be highlighted and discussed. The main objective is to expand the base of knowledge required to accurately diagnose and treat commonly encountered problems in these body systems in general practice.

External.

Prerequisites: Enrolment in the Master of Veterinary Studies (M1022), or the Postgraduate Certificate in Veterinary Studies in Small Animal Practice (C1074) or the Postgraduate Certificate in Veterinary Studies in Small Animal Practice (International) (C1101).

This unit is subject to quota. Quota is due to workload resource limitations. Selection is by application only.

Medicine 3 (VET609)

Credit Points: 3

MURDOCH: S1-external (quota of 30 places)

This unit teaches advanced concepts in small animal neurology and gastroenterology. The principle objective is for students to gain a deeper understanding of the pathophysiology associated with diseases of these organ systems and to use this knowledge to improve both diagnostic and treatment skills.

Prerequisites: Enrolment in the Master of Veterinary Studies, Doctor of Veterinary Medical Science, or in the Master of Veterinary Clinical Studies.

Exclusions: Students who have successfully completed VET625 Medicine 1 and VET626 Medicine 2 may not enrol in this unit for credit.

This unit is subject to quota. Quota is due to limited resources. Selection is by application only.

Mental Health Issues In Chiropractic Care (CHI488)

Credit Points: 2

MURDOCH: T3-internal

This unit will explore the range of normal and abnormal psychological syndromes that are commonly presented in chiropractic practice. Students will learn to identify psychological syndromes with emphasis on information gathering, effective communication and the importance of appropriate referral. Evidence based treatments for the major problems will be explored.

Lectures: 2 hours per week.

Prerequisites: Completion of BSc (Chiro).

Mentoring (EDN571)*As for EDU671 except:*

Credit Points: 3

Not available this year

Mentoring (EDU671)

Credit Points: 4

DUBAI-ISC: TMD-internal

This unit explores conceptual issues and practical matters surrounding mentoring in various educational, community and workplace settings as a strategy relevant to all ages. Topics include: the concept of mentoring and assumptions underlying it; different models of mentoring and applications; essential elements of effective mentoring relationships and features of effective mentoring programs. Participants can focus on areas of interest: developing or implementing a mentoring program; enhancing knowledge and skills as a mentor; building partnerships in their community or workplace.

Online with an opportunity to attend on-campus.

Prerequisites: Enrolment in a graduate qualification or permission of the Unit Coordinator.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Metabolic Rehabilitation (EXS403)*As for EXS551 except:*

Credit Points: 3

Not available this year

Metabolic Rehabilitation (EXS551)

Credit Points: 2

MURDOCH: T3-internal

This unit will provide the student with an advanced understanding of metabolic assessment and metabolic rehabilitation techniques. The student will be provided advanced information concerning a metabolic disease and conditions that limit physical function. The learner will be provided with the necessary skills to devise a rehabilitation program for a range of individuals with metabolic disorders. This unit will cover the underpinning molecular alterations occurring in metabolic disease, treatment strategies including, lifestyle and pharmacological intervention as well as prevention strategies.

Lectures: 2 hours; laboratories/workshops: 2 hours.

Prerequisites: CHI227/EXS227 Exercise Physiology, CHI208/EXS208 Health, Fitness and Performance Assessment, CHI318/EXS318 Exercise Programming and Prescription.

Exclusions: Student who have successfully completed CHI551 Metabolic Rehabilitation may not enrol in this unit for credit.

Metallurgical Unit Operations (ENG524)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit incorporates aspects of fluid mechanics and heat transfer to prepare students to study the units Advanced Mineral Processing, Extractive Metallurgy I and Extractive Metallurgy II. The unit addresses the main principles of unit operations which form the basis for mineral processing and extractive metallurgical plants.

Focus: mass and energy balances, basic fluid mechanics and key aspects of mass, energy and momentum transfer relevant to the above industries.

Lectures/tutorials: 4 hours per week.

Prerequisites: Enrolment in G1034 Graduate Diploma in Extractive Metallurgy.

Exclusions: EXM224 Principles of Unit Operations

Microbiology I (BIO246)*As for BIO263 except:*

Credit Points: 3

Not available this year

Microbiology I (BIO263)

Credit Points: 4

MURDOCH: S1-internal

The unit provides an introduction to the biology of bacteria, viruses, and fungi with a strong emphasis on developing practical microbiology skills in the laboratory. The interaction of micro-organisms with the environment, human beings, plant and animals is a major focus of this unit. Topics: microbial morphology, taxonomy, culture and growth and genetics; microbes as saprophytes; soil microbiology; microbes as symbionts and as parasites; microbes and human disease; public health and epidemiology; applied microbiology (biological control, food production, antibiotics).

Lectures: 3 hours per week; laboratories: 4 hours per week.

Prerequisites: BIO152 Cell Biology.

Microbiology II (BIO364)

Credit Points: 4

MURDOCH: S1-internal

An advanced unit in microbiology with emphasis on molecular microbiology and microbial biotechnology. Students will gain understanding of diversity, interactions, ecology, and applications of micro-organisms in biomedical, agricultural and environmental biotechnology. Students will develop skills in practical research, critical review and communication. Topics include microbial diversity and metabolism; role of adhesion and biofilms in microbial communities and pathogenicity; microbial genomics; molecular responses to the environment; molecular communication between micro-organisms, plants and animals; Archaea, microbial biotechnology and microbial ecology.

Lectures/ workshops: one 2-hour session per week; laboratories: 4 hours per week.

Prerequisites: BIO263 Microbiology I or BMS361 Medical Microbiology or ANS351 Animal Microbiology or BMS203 Comparative and Human Microbiology.

Microeconomics A (BUS261)

Credit Points: 4

MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal

This unit provides knowledge and understanding in intermediate level microeconomics. Topics covered include the neoclassical theories of choice and supply, the models of perfect competition, monopoly and oligopoly, and general equilibrium analysis is introduced. The efficiency properties of a competitive general equilibrium are also considered. Applications of theory are considered throughout the unit.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS161 Introduction to Economics.

Microeconomics A (BUS291)

As for BUS261 except:

Credit Points: 3

Not available this year

Microeconomics B (BUS318)

As for BUS361 except:

Credit Points: 3

Not available this year

Microeconomics B (BUS361)

Credit Points: 4

MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal

Review the methods used in advanced microeconomics to analyse decision making. Students are introduced to: property rights and agency problems in business, the location decision of business and the economics of spatial networks, the modern economic analysis of market failures due to adverse selection and moral hazard. Students are equipped with an understanding of the recent exciting advances that economics has made in the analysis of decision making when information is both complete and incomplete.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS261 Microeconomics A.

Migration Law in Practice (LLB505)

Credit Points: 3

MURDOCH: AU11-internal, SP9-internal

This unit builds on the knowledge acquired in previous courses within the program by focusing on the practical skills needed by migration agents to conduct an effective and successful migration practice. These skills include information retrieval, research, consultancy, advocacy, communication and personal and professional development. This unit aims to equip students with the skills needed to work as a registered migration agent in professional practice contexts.

Taught intensively over two weeks; refer to timetable or information on the School of Law website for details. Due to the nature of the offering of this unit, students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: Enrolment in the Graduate Certificate in Australian Migration Law and Practice; LLB502 Australian Migration Law , LLB503 Australian Visa System AND LLB504 Visa Compliance, Cancellation and Review.

Mineral Processing I (ENG328)

As for EXM301 except:

Credit Points: 3

Not available this year

Mineral Processing I (EXM301)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit deals with aspects of sampling, particle characterisation, comminution and classification, physical processes of mineral concentration involving dense media and gravity separation, magnetic and electrostatic separation and ore sorting techniques. Froth flotation of minerals, coagulation, flocculation, agglomeration, dewatering of concentrates and tailings disposal are covered.

Lectures: 3 hours per week; workshops/laboratories: 4 hours per week.

External: Internet access and compulsory 5-day on-campus laboratory/workshop sessions. Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: EXM131 Introduction to Extractive Metallurgy; MAS182 Applied Mathematics or MAS161 Calculus and Matrix Algebra; EXM224 Principles of Unit Operations; OR enrolment in G1034 Graduate Diploma in Extractive Metallurgy.

Mineral Processing II (ENG329)

As for ENG330 except:

Credit Points: 3

Not available this year

Mineral Processing II (ENG330)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit covers advanced design criteria of mineral processing, hydrometallurgical and pyrometallurgical flow sheets. Practical industrial processes are considered, and overall processes for the recovery of gold, copper, nickel, uranium and other commodities important to the Australian minerals industry are examined. The interplay between mineral economics and process design is considered.

Lectures: 3 hours per week; workshops/laboratories: up to 4 hours per week.

External: Internet access and compulsory 5-day on-campus laboratory/workshop sessions; field trip: 5 days, usually during a non-teaching period (students may be required to contribute towards expenses). Students with suitable work experience may be exempted from the field trip component. Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: EXM131 Introduction to Extractive Metallurgy; MAS182 Applied Mathematics or MAS161 Calculus and Matrix Algebra; EXM224 Principles of Unit Operations; OR enrolment in G1034 Graduate Diploma in Extractive Metallurgy.

Mineral Processing Practicum (EXM507)

Credit Points: 3

MURDOCH: DE2-internal, DE2-external, S1B-internal, S1B-external

This unit comprises a series of practical laboratory sessions that consolidate the theory and practice of mineral processing. Laboratory exercises will focus on mineral and rock identification, crushing, grinding, classification, physical and physicochemical methods of separation and concentration, dewatering and drying. A series of exercises examining fluid flow, viscosity, mass transfer and

reactor mixing will be completed. Students will work with industry-relevant mineral processing equipment. Practical, laboratory, experimental design, data analysis and scientific report-writing skills will be developed.

Students will be expected to spend significant time outside of time-tabled sessions preparing for and reporting on time-tabled sessions.

Laboratories: 6 hours per week.

External: Internet access required and compulsory 15-day on-campus laboratory and workshop session. Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Co-ordinator closer to the commencement date of the teaching period.

Prerequisites: Enrolment in Graduate Diploma Extractive Metallurgy and concurrent enrolment in EXM524 Principles of Unit Operation and EXM504 Mineral Processing.

Exclusions: Students who have completed both EXM301 Mineral Processing and EXM302 Advanced Mineral Processing are excluded from this unit.

Mineralogy for Metallurgists (ENG565)

Credit Points: 3

MURDOCH: S2-internal, S2-external

Lectures: 3 hours per week.

Prerequisites: Enrolment in G1034 Graduate Diploma in Extractive Metallurgy.

Exclusions: CHE256 Process Mineralogy.

Mining and Natural Resources Law (LAW335)

Credit Points: 4

MURDOCH: S1-internal

This unit surveys the legal regimes that govern the allocation, management, and conservation of natural resources in Australia, with a particular focus on Western Australia. It examines the ownership of and allocation of rights and interests in minerals and petroleum, as well as conservation and native title laws and their impact on resource projects. The unit also reviews legal regimes governing the management and conservation of water resources.

Lectures: 3 hours per week.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract, LAW258 Australian Administrative Law, LAW259 Constitutional Law and LAW252 Evidence..

Mining and Natural Resources Law (LLB335)

As for LAW335 except:

Credit Points: 3

Not available this year

Mining, Communities and Sustainability (COD505)

Credit Points: 3

MURDOCH: S2-internal, S2-external

Increasingly the resource industry is investing time, business interest, sponsorship and staff to build their social license to operate. This unit is designed to provide an understanding of the range of business drivers that have led to resource industry involvement in community and sustainable development. It will introduce students to the emerging fields of community relations,

community sponsorship, Indigenous affairs and sustainability.

2 hour lectures and 1 hour tutorial each week.

Prerequisites: Enrolment in graduate course of study.

Missiology (THE616)

Credit Points: 3

Not available this year

The unit examines the theory and practice of mission.

Seminars: 2 hours per week

Mobile Application Developments (ICT376)

Credit Points: 3

Not available this year

Modelling and Simulation (MAS354)

As for MAS375 except:

Credit Points: 3

Not available this year

Modelling and Simulation (MAS375)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit develops skills in mathematical modelling and simulation of various dynamical systems (including mechanical, thermal, process, biological, biomedical, economic, financial, stochastic and discrete event systems) and introduces control systems, parameter estimation and Monte Carlo simulation. Applications include vehicle vibrations, central heating, fisheries, epidemics, drug infusion, traffic and stock price models. Central to the unit is the practical use of the computer packages MATLAB and Simulink for the numerical solution and simulation of the systems.

Lectures/tutorials/laboratories: 4 hours per week.

Prerequisites: MAS161 Calculus and Matrix Algebra or MAS208 Mathematical Modelling or both MAS167 Computational Mathematics and MAS182 Applied Mathematics.

Exclusions: Students may not enrol in this unit and either of MAS164 Fundamentals of Mathematics or MAS182 Applied Mathematics concurrently.

Modern China (AST283)

Credit Points: 3

Not available this year

This unit introduces students to China's geography, history, culture, society and politics, with a focus on contemporary China. It offers an introduction to China's land and resources and the transition from its imperial history to Communism and China's economic reform era. Students will learn about China's political system, the relation between state and society, as well as its traditional and popular culture. We will also address the question how China is trying to reconcile economic progress with protecting the environment.

Lectures: 2 hours; tutorials: 1 hour.

Prerequisites: Nil.

Exclusions: Students who have successfully completed BUS241 Contemporary China may not enrol in this unit for credit.

Modern Japanese History (HIS210)

Credit Points: 4

MURDOCH: S1-internal, S1-external

In this unit we analyse the critical social, political and economic changes in Japan from the 1850s through to the post-war period. Themes include crisis of the old society; process of 'modernisation from above' and its social costs; nature of Japanese imperialism; critics of the Japanese state and their fate; emergence of a modern culture in the 1920s; transition to the authoritarianism of the 1930s; the home-front during World War II; and the experience of post-war occupation.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil. No knowledge of Japanese language is assumed.

Graduate, Postgraduate and Honours students should enrol in the higher-level code for this unit except where the course structure states otherwise.

Modern Japanese History (HIS310)*As for HIS210 except:*

Credit Points: 3

Not available this year

Modern Physics (PEC231)

Credit Points: 4

MURDOCH: S1-internal, S1-external

The aim of this unit is to study the basis of modern physics. Topics: special relativity wave mechanics, introductory quantum theory including one and three dimensional systems, matter as particles and waves, basic quantum theory for one and three dimensional systems, the hydrogen atom, atomic structure and chemical bonding. Students will be required to complete experimental projects during the unit.

Lectures: 2 hours per week; workshops: 2 hours per week.
External: no attendance requirement.

Prerequisites: MAS161 Calculus and Matrix Algebra and PEC/PEN152 Principles of Physics.

Modern Physics (PEN231)*As for PEC231 except:*

Credit Points: 3

Not available this year

Molecular Design (CHE349)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit extends on concepts introduced in CHE/ PEC238 Organic Structures and Reactivity in the contexts of organic synthesis and biosynthesis. Stereochemistry and structure elucidation of organic compounds will be covered at a more advanced level. The subject material will be of interest to students in disciplines where an understanding of organic compounds is important. Such disciplines include: chemistry, molecular biology, biomedical sciences, pharmacy and drug discovery, environmental science, nanoscience and forensics.

Lectures/tutorials: 3 hours per week; laboratory/workshop: up to 4 hours per week for up to 10 weeks.

External: compulsory 5 day on-campus laboratory session.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and

requirements from the Unit Coordinator closer to commencement of the offering.

Prerequisites: CHE/PEC238 Organic Structures and Reactivity.

Exclusions: Students who have successfully completed CHE/PEC349 Biomolecular Design may not enrol in this unit for credit.

Molecular Genetics (BIO316)

Credit Points: 4

MURDOCH: S1-internal

In this unit we examine at an advanced level how the genetic material controls various activities in bacterial, plant and animal cells. Topics in the lecture component include DNA replication; DNA recombination; regulation of gene expression; molecular mechanisms of development, stress tolerance and signal transduction; mutation and DNA repair. The laboratory component consists of a research project where students have an opportunity to plan and execute a research problem. In the bioinformatics component students learn exploiting information from DNA databases.

Lectures: 3 hours per week; laboratories: a project requiring full-time attendance during a non-teaching week; workshops: 1 hour per week in 9 weeks.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: BIO212 Genetic Engineering or ANS252 Animal Molecular Biology

Exclusions: Students who have successfully completed BIO202 may not enrol in this unit for credit.

Laboratory attendance is required in one of the non-teaching weeks.

Molecular Genetics (BIO374)*As for BIO316 except:*

Credit Points: 3

Not available this year

Moot Court Bench (LAW314)

Credit Points: 4

MURDOCH: H-internal (quota of 12 places), Y-internal (quota of 12 places)

The Moot Court Bench is responsible for strengthening and developing the mooting culture at the Law School. Twelve students are selected for the Bench at any one time. Those selected are involved in a range of mooting related activities, including co-ordinating advocacy competitions, running moot seminars, writing moot problems, and producing mooting resources for students. Students selected for the Moot Court Bench also participate in an advanced program of advocacy training and a series of Coffee Hour seminars.

Meetings as required.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract, plus permission of Unit Coordinator.

This unit is subject to quota. Quota is due to limited resources. Selection is based on: Academic record and standing; Demonstrated speaking, debating and mooting ability; Demonstrated administrative experience; Demonstrated knowledge of foreign languages and legal systems.

Moot Court Bench (LLB314)

As for LAW314 except:

Credit Points: 3

Not available this year

This unit is not subject to quota.

Moral and Political Philosophy (PHL206)

As for PHL219 except:

Credit Points: 3

Not available this year

Multimedia Client Project (MCC338)

Credit Points: 4

MURDOCH: S1-internal

This unit provides students with experience in working with real world clients towards the production of a website. Students participate in group based production, project management methods and advanced web design and development.

Online lecture; media laboratories: 2 hours per week.

Prerequisites: MCC218 Web Games Design and Production (or MCC218 Interactive Multimedia II); MCC263 Web Design OR MCC251 Interactive Multimedia (or MUL217 Interactive Multimedia I).

Exclusions: Students who have successfully completed MUL338 Advanced Multimedia Workshop may not enrol in this unit for credit.

Multimedia Studio (MCC339)

Credit Points: 4

MURDOCH: S2-internal

This unit provides an opportunity for students to produce an industry level multimedia project as well as develop a professional online and offline portfolio showcasing their project work along with their larger body of work developed throughout their degree.

Laboratories: 1.5 hours per week.

Prerequisites: MCC218 Web Games Design and Production (or MCC218 Interactive Multimedia II).
Highly recommended: MCC338 Multimedia Client Project (or MUL338 Advanced Multimedia Workshop).

Exclusions: Students who have successfully completed MUL339 Multimedia Project may not enrol in this unit for credit.

Music Technology (MCC268)

Credit Points: 4

MURDOCH: S1-internal (quota of 60 places)

A practical opportunity to develop skills that can be applied in creative media, multimedia, screen and sound production. Topics include sampling, sequencing, synthesisers, loop-based composition and virtual instruments. Historical and technological developments will be analysed and the influence of pioneering artists will be examined and their work critiqued. Combining analysis and hands-on content creation, the emphasis is on creative skills and familiarity with the tools to create audio and musical content for various media.

Seminars: 1 hour per week; tutorials: 2 hours per week.

Prerequisites: Nil.

Exclusions: Students who have completed MCC2601 Special Topics

in Media: Music Technology may not enrol in this unit for credit.

This unit is subject to quota. Quota is due to space and equipment constraints and the production intensity. Priority 1: Preference will be given to students enrolled in a Sound major or Sound minor. Priority 2: Preference will be given to students enrolled in BMedia and BDMedia.

Music Technology (SOU268)

As for MCC268 except:

Credit Points: 3

Not available this year

This unit is not subject to quota.

Mysteries, Magic, and Myths (REL205)

Credit Points: 3

Not available this year

The ancient Mediterranean teemed with religious practices quite foreign to modern societies. Rulers were worshipped as gods; occult rituals promised immortality; philosophers claimed to be incarnate deities; magic was employed daily. This unit explores the various ways ancient Greeks and Romans interacted with the divine, including magic, gnostic speculation, mystery religions, visionary journeys, oracles, and more. We will study not only these religious phenomena, but also the ancients' own critical reflections on what they were doing.

Lectures: 1 hour per week; tutorials: 1 hour per week.

Narrating the Nation: Media, Identity, Culture (MCC231)

Credit Points: 4

Not available this year

Nations and national identity form and evolve over time, but what are the ways of constructing the nation not only to its constituent citizens but also international audiences.

This unit considers the shifting array of media and cultural forms promoted by government, industry and communities to develop, maintain and challenge assumptions about homogenising modes of national identity. Drawing from national cinemas, television, arts and culture.

Lectures: 1 hour per week; tutorials: 1.5 hours per week; screenings: 2 hours per week.

Note: Lectures and workshops/tutorials commence in Week 1 of the semester.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MED231 Australian Cinema may not enrol in this unit for credit.

Narrative: Fiction and Film (EGL237)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit is based on close readings of a range of significant novels and examines in some detail the relationship between narrative and cinema. The unit is also a study of the development of the English/European novel from realism to modernism and postmodernism. Questions about narrative structure, generic patterns, literary and filmic realism, author/auteur theory, and narrative theory generally will be taken up in some detail. Students acquire skills in reading and interpreting novel and film.

Lectures: 1 hour per week; seminars: 1.5 hours per week.

Prerequisites: Nil.

Nations, Narratives, Cultures in Contemporary Asia (AST530)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit utilises narrative and biography/life writing to explore knowledge, culture, identity and nation in contemporary Asia. A range of narrative texts 'produced' in the Asian region will be read in conjunction with texts of a theoretical/critical nature and texts providing historical, social and political context.

Lectures/seminars: 2 hours per week.

Prerequisites: Enrolment in postgraduate level (AQF8 or AQF9) Asian Studies or permission of the Unit Coordinator.

Native Title Law (LAW305)

Credit Points: 4

MURDOCH: S2-internal

This unit will include a comprehensive examination of the native title system, including the legislative response to native title, the Native Title Act (C'th) 1993, and the development of the law since Mabo, the establishment of the National Native Title Tribunal (NNTT), Aboriginal Representative Bodies and the Indigenous Land Corporation (ILC). It will also consider the mediation process with a specific examination on the nature of any impacts on the holders of different land interests.

3 hours per week.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract.

Native Title Law (LLB305)

As for LAW305 except:

Credit Points: 3

Not available this year

Nature-Based Tourism (ENV278)

As for ENV279 except:

Credit Points: 3

Not available this year

Nature-Based Tourism (ENV279)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Nature-based tourism relies on the natural environment. The importance of ecology for maintaining the natural environment on which nature-based tourism depends is explored in detail. Planning frameworks for sustainable nature-based tourism, such as the Limits of Acceptable Change and the Tourism Optimisation Management Model, are explored and applied. This exploration is linked to gaining an appreciation of the impacts of nature-based tourism and how these can be managed. Interpretation is discussed as a key management element.

Lectures: 2 hours per week; tutorials: 8 hours per semester; practical work: 2 field trips each of a half-day duration.

Prerequisites: Nil.

Negotiation (LAW308)

Credit Points: 4

MURDOCH: S2-internal

This unit examines the legal framework surrounding negotiation in both adversarial and transactional contexts and helps students develop negotiation skills. It teaches students how to prepare for and conduct themselves in negotiations, analyse the course of negotiations and discover the causes of failed negotiations and enhance their skills through role playing, reflection and feedback. It examines key issues related to negotiation such as the role and duties of representatives, negotiation ethics and the place of negotiation in the legal system.

Lectures and workshops: 3 hours per week.

Prerequisites: Enrolment in the Graduate Certificate in Dispute Resolution OR LAW152 Torts, LAW130 Criminal Law and Procedures, and LAW260 Contract.

Students taking the unit at the advanced level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills.

Negotiation (LEG308)

As for LAW308 except:

Credit Points: 4

MURDOCH: S2-internal

Lectures and workshops: 3 hours per week.

Prerequisites: LEG100 Law, Justice and Social Policy or LEG150 Australian Legal System.

Students taking the unit at the advanced level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills.

Negotiation (LEG398)

As for LAW308 except:

Credit Points: 3

Not available this year

Exclusions: Student who have successfully completed LEG208 Negotiation may not enrol in this unit for credit.

Negotiation (LLB398)

As for LAW308 except:

Credit Points: 3

Not available this year

Network Design and Implementation (ICT291)

Credit Points: 3

Not available this year

Network Governance (SWM622)

Credit Points: 3

MURDOCH: S1-internal

'Network Governance' addresses the roles and practices of network organisation at global, regional, national and local levels. It covers concepts such as iron triangles, transnational advocacy networks and policy communities, alongside methods or approaches like Social Network Analysis and Actor-Network Theory. Seminars investigate how public and private networks are central to policy making and delivery in both OECD as well as development contexts

generating new practical challenges of network accountability, leadership and management.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a Postgraduate Award

Network Security (ICT362)

Credit Points: 4

MURDOCH: S1-internal

The unit examines current security threats to organisations and the necessary security processes required to mitigate these threats. Topics covered include: security policy design and management; security technologies, products and solutions, firewall and secure router design, installation, configuration and maintenance; AAA implementation using routers and firewalls; and virtual private networks.

Lectures: 2 hours per week; tutorials: 2 hours per week.

Prerequisites: ICT120 Principles of Data Communications.

Network Security (ICT377)

Credit Points: 3

Not available this year

Network Switching (ICT363)

Credit Points: 4

MURDOCH: S1-internal

This unit examines multilayer switched networks from the perspective of design, management and redundancy. Topics include VLANs, Inter VLAN routing, 802.1Q trunking, Spanning Tree Protocol, network security and scalable design. Quality of service is examined in the context of voice over IP.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: ICT120 Principles of Data Communications.

This unit forms part of the Cisco Certified Network Professional (CCNP) certification program.

Network Switching (ICT609)

Credit Points: 3

MURDOCH: S1-internal

This unit examines multilayer switched networks from the perspective of design, management and redundancy. Topics include VLANs, Inter VLAN routing, 802.1Q trunking, Spanning Tree Protocol, multicast network design, Layer 2 security and scalable design. Laboratory exercises and a major case study are conducted using physical routers and switches in a model enterprise network.

Workshops: 3 hours per week.

Prerequisites: ICT535 Advanced Business Data Communications; enrolment in a graduate IT course or permission of the Academic Chair.

Exclusions: Students who have completed ICT663 Network Switching may not enrol in this unit for credit.

Networking Group Project (ICT623)

Credit Points: 6

Not available this year

Students will work in teams to undertake a real-world project in internetworking and security, applying skills developed in their degree. Teams work through all stages of project development, gaining practical experience in system planning, analysis, design and development; team and project management, and communication with stakeholders. Projects can be initiated from industry needs, ongoing research in the School, or proposed by the students in consultation with a discipline academic. Students will enrol in this unit in their final semester.

Workshops: 3 hours per week.

Neuromuscular Rehabilitation (EXS402)

As for EXS553 except:

Credit Points: 3

Not available this year

Neuromuscular Rehabilitation (EXS553)

Credit Points: 2

MURDOCH: T2-internal

This unit will provide the student with an advanced understanding of neuromuscular assessment and neuromuscular rehabilitation techniques. The student will be provided advanced information concerning neuromuscular conditions and diseases that limit physical function. The learner will be provided with the necessary skills to devise a rehabilitation program for a range of individuals with neuromuscular disorders.

Lectures: 2 hours per week; laboratories/workshops: 2 hours per week.

Prerequisites: CHI225/EXS225 Principles of Strength and Conditioning; CHI208/EXS208 Health, Fitness and Performance Assessment; CHI209/EXS209/CHI2091/ EXS2091 Biomechanics and Diagnostic Palpation Skills; and CHI328/EXS328 Principles of Rehabilitation.

Exclusions: Student who have successfully completed CHI553 Neuromuscular Rehabilitation may not enrol in this unit for credit.

Neuromusculoskeletal Rehabilitation in Overview (CHI680)

Credit Points: 4

Not available this year

This unit builds on the principles and practice of neuromusculoskeletal rehabilitation taught in CHI681. The principles of developmental kinesiology will be explored further and the facilitation of muscular agonist-antagonist co-activation by reflex stimulation methods and exercise will be highlighted. Advanced approaches to the assessment and management of muscle imbalance will also be explored. Contemporary methods of assessing therapeutic outcomes in the clinical setting and an introduction to clinical epidemiology and critical reasoning will be presented.

External.

Prerequisites: Completion of Chiropractic degree or equivalent; CHI681 Principles and Practice of Neuromusculoskeletal Rehabilitation; CHI682 Neuromusculoskeletal Rehabilitation of the Lower Body; and CHI683 Neuromusculoskeletal Rehabilitation of the Upper Body.

Students enrolled in the Postgraduate Diploma in

Neuromusculoskeletal Rehabilitation should enrol in CHI6801.

Neuromusculoskeletal Rehabilitation of the Lower Body (CHI682)

Credit Points: 4

Not available this year

The principles and practice of neuromusculoskeletal rehabilitation for the lower body are presented in a practical, experiential manner with emphasis on active care including topics on functional stability training, functional integrative training and therapeutics for the lumbar spine based on responses to spinal loading. The development and utilisation of the clinical audit is highlighted.

External.

Prerequisites: Enrolment in the Master of Sports Science, Postgraduate Certificate in Neuromusculoskeletal Rehabilitation or Postgraduate Diploma in Neuromusculoskeletal Rehabilitation, or with the permission of the Academic Chair.

Students enrolled in the Postgraduate Certificate or Postgraduate Diploma in Neuromusculoskeletal Rehabilitation should enrol in CHI6821.

Neuromusculoskeletal Rehabilitation of the Lower Body II (CHI684)

Credit Points: 4

Not available this year

Builds on the principles and practice of neuromusculoskeletal rehabilitation for the lower body taught in CHI682. Develop an advanced level of functional assessment of the lower body. Motor systems incorporating local and global stability dysfunction will be investigated and strategies to manage the dysfunction will be explored.

Other clinical approaches will include the examination and management of syndromes resulting from adverse neural tension in the lower limbs and mobilisation and relaxation techniques for pain of spinal origin (lumbar and pelvis).

External.

Prerequisites: Enrolment in the Master of Sports Science, Postgraduate Certificate in Neuromusculoskeletal Rehabilitation or Postgraduate Diploma in Neuromusculoskeletal Rehabilitation, or with the permission of the Academic Chair.

Students enrolled in the Postgraduate Diploma in Neuromusculoskeletal Rehabilitation should enrol in CHI6841.

Neuromusculoskeletal Rehabilitation of the Upper Body (CHI683)

Credit Points: 4

Not available this year

The principles and practice of neuromusculoskeletal rehabilitation for the upper body are presented in a practical, experiential manner with emphasis on active care including topics on functional stability training, functional integrative training, mobilisation and relaxation techniques for pain of spinal origin (head and neck) and therapeutics for the cervico-thoracic spine based on responses to spinal loading. The development and utilisation of the clinical audit is highlighted.

External.

Prerequisites: Enrolment in the Master of Sports Science, Postgraduate Certificate in Neuromusculoskeletal Rehabilitation or Postgraduate Diploma in Neuromusculoskeletal Rehabilitation, or with the permission of the Academic Chair.

Students enrolled in the Postgraduate Certificate or Postgraduate Diploma in Neuromusculoskeletal Rehabilitation should enrol in CHI6831.

Neuromusculoskeletal Rehabilitation of the Upper Body II (CHI685)

Credit Points: 4

Not available this year

Builds on the principles and practice of neuromusculoskeletal rehabilitation for the upper body taught in CHI683. Develop an advanced level of functional assessment of the upper body. Motor systems incorporating local and global stability dysfunction will be investigated and strategies to manage the dysfunction will be explored.

Other clinical approaches will include the examination and management of syndromes resulting from adverse neural tension in the upper limbs and, mobilisation and relaxation techniques for pain of spinal origin (thorax).

External.

Prerequisites: Enrolment in the Master of Sports Science, Postgraduate Certificate in Neuromusculoskeletal Rehabilitation or Postgraduate Diploma in Neuromusculoskeletal Rehabilitation, or with the permission of the Academic Chair.

Students enrolled in the Postgraduate Diploma in Neuromusculoskeletal Rehabilitation should enrol in CHI6851.

New Media Technologies (MCC315)

Credit Points: 4

MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

This unit teaches students how to describe and evaluate changes to communication technology and media. Students will be exposed to pivotal studies in new media, and will gain practical skills in detailing changes to the Web, explaining the historical, cultural and social factors affecting mobile media, exploring collaborative media, and critically appraising the effects of new media on culture and user psychology.

Lectures: 1 hour per week; workshops 1.5 hours per week. Note: Lectures and tutorials for this unit commence in Week 1 of the semester.

Prerequisites: MCC108 Introduction to Communication and Media OR MCC118 Visual Communication (or MUL118 Principles of Multimedia).

New Testament and its World (THE102)

Credit Points: 3

Not available this year

Introduces students to the literature of the New Testament, including an overview of the contents and major themes of the writings and study of selected passages. The unit also introduces students to the socio-economic, political, and wider religious setting of the writings as well as their relationship to the life and ministry of Jesus of Nazareth and of the first century church. Students are introduced to the main methods and issues in modern study of the New Testament.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

New Testament Exegesis (THE621)

Credit Points: 3

MURDOCH: S1-internal, S1-external

A study of New Testament writings, their structure, themes and settings, with detailed exegesis including greater attention to the original Greek text and the option for assessment based on either the English or Greek text. Normally selected writings will be either Romans or from among the Gospels. This unit may be taken more than once, with different content.

Seminars: 2 hours per week

Prerequisites: THE507 Introduction to the New Testament.

New Testament Greek I (REL209)*As for THE103 except:*

Credit Points: 3

MURDOCH: S1-internal, S1-external

New Testament Greek I (THE103)

Credit Points: 3

Not available this year

This unit introduces students to the major features of Hellenistic Greek as reflected in the writings of the New Testament. On completion of this unit students should be able to recognise the more common grammatical structures and vocabulary of the language of the New Testament.

Lectures/seminars/tutorials: 4 hours per week.

Prerequisites: Nil.

New Testament Greek II (REL210)*As for THE203 except:*

Credit Points: 3

MURDOCH: S2-internal, S2-external

New Testament Greek II (THE203)

Credit Points: 4

Not available this year

This unit completes the student's introduction to New Testament Greek, provides practice in translation of selected passages and an introduction to New Testament textual criticism. On completion, students should be able to read the New Testament in Greek with the assistance of standard aids.

Lectures/tutorials: 4 hours per week.

Prerequisites: S103/THE103 New Testament Greek I.

Newsroom (JOU322)*As for MCC323 except:*

Credit Points: 3

Not available this year

Newsroom (MCC323)

Credit Points: 4

MURDOCH: S1-internal, S2-internal

DUBAI-ISC: TMD-internal

SGP1: TMB-internal

This unit involves advanced news writing for publication. Students

will work in the on-campus newsroom to produce stories for Murdoch's online news service The Murdoch Independent.

Workshops: 2 hours per week in first six weeks; additional production time rostered in the newsroom.

Prerequisites: MCC267 Photo and Video Journalism and MCC240 Politics, Journalism and Society and MCC217 Web News Production AND MCC245 Media Law and Ethics (may be studied concurrently); or permission from the Unit Coordinator.

Exclusions: Students who have successfully completed JOU323 Print News may not enrol in this unit for credit.

Next Life (FDN107)

Credit Points: 3

DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal

KAPLAN-SGP: TMA-internal, TSA-internal

Can you remember a time before Google, Facebook, YouTube, mobile phones? Think how previous generations lived. You will soon be the next generation, and technologies not yet invented will affect your life. Will you be prepared for your 'next life' - or left behind? This unit asks: (1) How are interactions with technologies shaping our social and personal lives? (2) How are technologies empowering/disempowering individuals and communities? (3) How is knowledge changing? (4) How is society remaking itself?

Lectures: 2 hours per week; tutorials: 2 hours per week.

Prerequisites: Nil.

Numeracy in the Early Years (EDN428)

Credit Points: 4

Not available this year

This unit builds on EDN421 and explores strategies for engaging young children in early literacies and numeracy. It highlights programming, the appropriate use of technologies and will provide students with opportunities to develop a repertoire of strategies and resources for teaching and learning literacies and numeracies.

Lectures: 1 hour; Workshops: 2 hours.

Prerequisites: Enrolment in the Bachelor of Education (Early Childhood 0-8); Successful completion of EDN421.

Nursing Health Assessment and Physical Examination (NUR105)

Credit Points: 3

PEEL: S2N-internal

This unit will introduce the principles of health assessment and physical examination with a focus on physical, behavioural, social, cultural and psychological development. Relevant communication skills and interview techniques will be identified, developed and practised. Students will learn to incorporate health assessment and physical examination findings in nursing care plan development. Students will also gain an understanding of the legal and ethical issues relating to health assessment and physical examination.

Lecture: 1 hour per week; laboratories: 2 hours per week

Prerequisites: NUR100 Introduction to Nursing Practice or enrolment in (B1249) Bachelor Nursing Combo.

Nursing Management of Chronic Illness (NUR364)

Credit Points: 4

PEEL: S1N-internal

This unit further develops students' ability to provide care for people with chronic illnesses. The psychosocial impact of chronic illness for individuals and the community, the impact on patient lifestyle choices and emerging trends in the management of chronic illness is highlighted. Narrative techniques are used to explore the management of symptoms in a range of chronic illnesses including diabetes, arthritis, cardiac and pulmonary diseases, palliative and wound care, renal and mental illness. End-of-life care issues are discussed.

Lecture: 1 hour per week; laboratories: 2 hours per week

Prerequisites: NUR203 Acute Care 1, NUR256 Medication Management for Nursing, NUR206 Contemporary Nursing Management of Mental Illness, NUR257 Clinical Practice 3, NUR205 Acute Care 2, NUR258 Applied Psychology for Nursing Practice, NUR259 Maternal, Child and Adolescent Nursing Care, and NUR262 Clinical Practice 4.

Nursing Research Writing (NUR461)

Credit Points: 4

PEEL: S1-internal, S2-internal

This unit is aimed at developing students' research skills in terms of rigour and comprehension. It also assists students to develop writing and presentation skills. In addition the unit will guide students in developing skills in argument in defence.

Lectures/Tutorials/Seminars: Up to 3 hours per week.

Prerequisites: Enrolment in an honours program.

Nutrition (EXS213)

Credit Points: 2

MURDOCH: S1-internal

Nutrition is one the major determinants of health and well-being in our society. This unit will provide the student with broad knowledge and applicable skills in human nutrition. Relevant topics are selected for chiropractic and exercise science students including nutritional assessment, sport nutrition, nutrition issues in all life stages, and the role of nutrition in health. Upon completion, students will become familiar with current nutritional recommendations in Australia including the dietary guidelines to promote healthy nutrition and lifestyle.

Lectures: 2 hours per week; tutorials/workshops: 1 hour per week.

Prerequisites: Completion of Part I studies.

Exclusions: Students who have successfully completed CHI281 Introduction to Biochemistry and Nutrition or CHI213 Nutrition may not enrol in this unit for credit.

Oceanography and Marine Pollution (ENV244)**As for ENV282 except:**

Credit Points: 3

Not available this year

This unit is not subject to quota.

Oceanography and Marine Pollution (ENV282)

Credit Points: 4

MURDOCH: S2-internal (quota of 40 places)

Initially, this unit discusses the physical and chemical properties of sea water, oceanic circulation, coastal bathymetry, currents, tides, waves, storms, surges and oceanic measurements along with pollution transport and diffusion. This underpins an examination of a theoretical background to natural ecosystem processes and pollution effects in the marine system. Topics: eutrophication, thermal effluent and sediment, oil, metals and halogenated hydrocarbons. Field work provides students with the opportunity to undertake practical oceanographic sampling.

Lectures: 2 hours per week; practical work: 3 hours per week.

Prerequisites: BIO180 Introduction to Marine Biology, ENV213 Atmospheric Science, and CHE144/PEC144 Chemical Principles.

Exclusions: Students who have successfully completed ENV204 Principles of Oceanography and Marine Pollution may not enrol in this unit for credit.

This unit is subject to quota. Quota is due to occupational health and safety limits on boat numbers and limited laboratory space. Selection is based on academic achievement in ENV213 Atmospheric Science.

Old Media, New Media (CMS202)

Credit Points: 3

Not available this year

This unit traces the ongoing transformation of media forms in contemporary culture, and critically interprets the 'new' in new and interactive media against the backdrop of 'old' media culture. Students will be introduced to established ideas in media theory, and consider how they might be applied (or not) to newer media platforms and interfaces. The unit will also consider current concepts and perspectives that are concerned with emerging media modalities, such as mobile media, participatory media, social media and gamification.

1 hour lecture, 1.5 hour tutorial

Prerequisites: CMS 1xx Introduction to Media and Culture

Old Testament Exegesis (THE284)

Credit Points: 4

MURDOCH: S1-external

This unit provides detailed study of major blocks of material from the Old Testament, enabling students to develop skills in a variety of exegetical approaches while examining literary, historical, sociological and theological features. There will be opportunity to use Biblical Hebrew, but ability to read Hebrew is not essential and is not part of assessment. Each semester will have a different focus, and the unit may be taken more than once, with different content.

Prerequisites: S100/THE100 Life and Literature of Ancient Israel.

Exclusions: Students who have successfully completed this unit or S216 Pentateuch or S235 Poetical Literature of Ancient Israel or S236 Wisdom Literature of Ancient Israel may enrol in the parallel 200-level unit for credit and vice versa where the selected writings are different.

Old Testament Exegesis (THE620)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit provides detailed study of major blocks of material from the Old Testament, enabling students to develop skills in a variety of exegetical approaches, while examining literary, historical, sociological and theological features. There will be opportunity to use Biblical Hebrew, but ability to read Hebrew is not essential and is not part of the assessment. This unit may be taken more than once, with different content.

Seminars: 2 hours per week

Prerequisites: THE506 Introduction to the Old Testament

OnTrack (EQUo6o)

MURDOCH: S1-internal, S2-internal

PEEL: S1-internal, S2-internal

ROCKINGHAM: S1-internal, S2-internal

OnTrack provides excellent preparation for a range of Murdoch's undergraduate degree courses. This unit provides a supportive learning environment assisting students to develop academic reading and writing skills along with the analytical and information finding skills necessary for successful study at Murdoch University. It also guides students to develop effective study habits and collaborative working skills. OnTrack utilises an integrated curriculum addressing the foundational skills required by all Murdoch University Courses encouraging students to plan for their future learning.

Lectures/tutorials: Full-time 3 days per week, additional 1 day per week for students requiring language support.

Prerequisites: Enrolment in the OnTrack course.

Operating Systems and Systems Programming (ICT310)

Credit Points: 4

MURDOCH: S2-internal, S2-external

DUBAI-ISC: TSD-internal

KAPLAN-SGP: TSA-internal

This unit aims to provide an understanding of the design and implementation of modern operating systems and how they provide an interface to computer hardware resources. It also covers the use of operating systems service routines to construct efficient systems programs. Topics include: process management, memory management, mechanisms for interprocess communications, file systems and protections, network programming using sockets and the UNIX system call interface.

Lectures: 2 hours per week; tutorials: 2 hour per week (1 hour unsupervised); plus optional clinics.

Prerequisites: ICT104 Principles of Computer Science and ICT106 Fundamentals of Computer Systems. Students are encouraged to complete ICT209 Data Structures and Abstractions before taking this unit.

Operating Systems and Systems Programming (ICT374)*As for ICT310 except:*

Credit Points: 3

Not available this year

Opportunities with e-learning (EDN575)

Credit Points: 3

Not available this year

Emerging technologies such as blogs, podcasts, and mobile technologies are changing the educational technology landscape and generating new opportunities and challenges for learning. Instructors across educational sectors are exploring and sharing innovative ways to use technology to foster interaction, collaboration, and increased excitement for learning. This unit invites participants to engage with the pedagogical issues facing educators in the e-learning age, reflect on their practices and develop strategies for effectively integrating new technologies at their own institutions.

The compulsory on-campus component will be shown on the School of Education web site.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: Enrolment in a School of Education degree.

This unit is subject to quota. Quota is due to limited resources and capacity to support students in workshops.

Organic and Biological Chemistry I (CHE2o5)

Credit Points: 3

Not available this year

This unit will enable students to develop their understanding of the properties of organic and biological compounds at the molecular level. The content will support learning in disciplines where an understanding of organic and biological compounds is important, such as: biological, veterinary, environmental, and forensic sciences.

This unit introduces concepts and techniques used to identify the structure and reactivity of organic compounds. The chemistry of various biological molecules is also examined, as well as an introduction to bioorganic chemistry.

Lectures: 2 hours per week; laboratories: 4 hours per week.

Prerequisites: CHE145 Introduction to Chemical Concepts AND CHE144 Foundations of Chemical Principles.

Organic and Biological Chemistry II (CHE3o8)

Credit Points: 3

Not available this year

This unit extends on concepts introduced in CHE238 Organic & Biological Chemistry I. As well as being a core unit for the Chemistry major, the content will also support learning in disciplines where an understanding of organic and biological compounds is important, such as: biological, veterinary, and environmental sciences. Topics include the design and synthesis of organic compounds, stereochemistry, radical chemistry in nature and aspects of medicinal chemistry.

Lectures: 2 hours per week; laboratories: 4 hours per week.

Prerequisites: CHE238 Organic and Biological Chemistry I

Organic Structures and Reactivity (CHE238)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Many pharmaceutical and agricultural chemicals are derived from natural products. This is sometimes a result of long traditional use of a plant as a medicine. Today the active ingredient is usually extracted, identified and synthesised. This unit introduces the

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organic chemistry techniques and concepts used to identify the structure of such compounds, determine their stereochemistry and synthesise them. Topics include stereochemistry and structure elucidation of organic compounds, reactivity of organic functional groups, reaction mechanisms and biological molecules.

Internal: Lectures/tutorials: 3 hours per week;
laboratories/workshops: up to 4 hours per week for up to 10 weeks.

External: compulsory 5-day on-campus laboratory session.
Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to commencement of the teaching period.

Prerequisites: CHE/PEC144 Chemical Principles.

Exclusions: Students who have successfully completed PEC238 Biological Chemistry may not enrol in this unit for credit.

Organisation Development and Change (BUS298)

As for BUS240 except:

Credit Points: 3

Not available this year

Organisation Development and Human Resources Management (BUS240)

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-internal, S2-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

This unit aims to explore the choices organisations have for assisting employees to work effectively and adapt to change. The unit introduces the role of human resource management (HRM) to organisation development. Individual, team, HRM and strategic concepts are linked to the strategies and processes organisations and individuals use to proactively promote organisational citizenship throughout change.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: BUS145 Principles of Management or BUS176 Foundations of Management and Governance.

Organisation of Work (PSY552)

Credit Points: 3

MURDOCH: S2-external

This unit aims to develop the student's understanding of the organisational, social, cognitive and behavioural dimensions of work and the workplace. Topics include work motivation, satisfaction and commitment, team and group processes, leadership, power and decision-making, workplace relations, conflict management and organisational learning. The unit also explores the broader nature of work organisations and organisational change and its management. The instructional content of the unit and the evaluation components reflect a balance between theory and applied knowledge and skills.

Online discussions with minimum contribution requirements.

Prerequisites: Enrolment in PgCertOHRS or PgDipConsultPsych or MAppPsych or MAppPsych/PhD or DPsych, or with the permission of the Academic Chair.

Organisational Behaviour and Management (MBS508)

Credit Points: 4

DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal
SGP1: TSQ-internal

This unit introduces students to concepts and theories of organisational behaviour useful to managers. The unit considers behavioural impacts at the individual, group and organisational levels. Topics include motivation, job attitudes, stress, issues of group processes and relations, leadership, communication, power and conflict, and organisational structure and design. Theories of how to manage the organisation during times of change and development will be a focus. The unit combines lectures and tutorials and has a practical, problem solving and experiential approach.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate level course. Students in C1083 Postgraduate Certificate in Business Administration (Masterclass) will be enrolled in MBS5082.

Organisational Behaviour and Management (MBS5082)

As for MBS508 except:

Credit Points: 3

MURDOCH: W-internal

Taught intensively during the Winter term.

Prerequisites: This unit is restricted to students enrolled in C1083 Postgraduate Certificate in Business Administration (Masterclass) or C1115 Graduate Certificate in Business Administration (Masterclass).

Exclusions: Students cannot enrol in both MBS5082 Organisational Behaviour and Management and MBS508 Organisational Behaviour and Management for credit.

Organisational Behaviour and Management (MBS538)

As for MBS508 except:

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Organisational Change, Management and Consultancy (MBS548)

Credit Points: 4

DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal

This unit focuses on the role of the consultant or change agent (internal and external) and the applications and limitations of established change consulting approaches in different contexts. Broad approaches or planned interventions explored include: Organisational Development (OD); Organisational Transformation (OT); HR Interventions; Knowledge Management and Organisational Learning, ICT implementation and Business Process Re-engineering (BPR).

It is strongly recommended that students complete MBS508 Organisational Behaviour and Management prior to this unit.

Organisational Change, Management and Consultancy (MBS648)

As for MBS548 except:

Credit Points: 3

MURDOCH: S2-internal, S2-external

Lectures/seminars/workshops: 6 hours (2 x 3 hours) per week for Summer term.

Prerequisites: Enrolment in a graduate-level course.

Exclusions: Students who have successfully completed MBS548 Organisational Change, Management and Consultancy may not enrol in this unit for credit.

It is strongly recommended that students complete MBS508 Organisational Behaviour and Management prior to this unit.

Organisational Psychology: Practicum I (PSY570)

Credit Points: 3

MURDOCH: S2-internal

This unit focuses on practical application of organisational psychology to real organisational issues. The placements will provide experience in core areas of organisational psychology including recruitment and selection, performance management, conflict resolution, team development, training, organisational measurement and development, and human factors. Regular presentations from second year students will provide exposure to real organisational problems and second year placement process. The principal aim is to apply knowledge, experience and research from all aspects of scientific psychology to real organisational problems.

Practical placements: 1 day per week (inclusive of non-teaching periods).

Prerequisites: Enrolment in MAppPsych, DPsych or MAppPsych/PhD; OR Enrolment in Postgraduate/Graduate Diploma in Consultancy Psychology where candidate holds a four-year Psychology qualification or equivalent; Provisional Registration as a Psychologist with Psychology Board of Australia.

Students must achieve a pass in all assignments in order to complete this unit.

Organisational Psychology: Practicum II (PSY603)

Credit Points: 12

MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal

Students must complete practical placements in agencies and organisations appropriate to the organisational psychology specialisation. Students will be advised to select placements that will meet APAC and Registration Board requirements. Students will also attend seminars on professional, practical and methodological issues.

Practical placements: 120 days total; seminars: fortnightly.

Prerequisites: Enrolment in MAppPsych (Organisational only) or MAppPsych (Organisational)/PhD; Provisional Registration as a Psychologist with Psychology Board of Australia.

A result of Ungraded Pass or Fail is awarded for this unit.

Organisational Theory and Behaviour (BUS223)

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TMA-internal

KDUPJ: S1U-internal

SGP1: TMB-internal

This unit provides a basic understanding of individual and group behaviour in organisations, as well as exploring some organisational theories and management processes. Topics include: individual dimensions of behaviour -- personality, perception and learning, communication and motivation; groups and interpersonal influence -- structure, values, interaction and leadership; and organisational issues such as structure, processes, design, decision making; organisational change and development. Globalisation and sustainability are embedded into this unit as recurring themes.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: BUS145 Principles of Management or BUS176 Foundations of Management and Governance.

Organisational Theory and Behaviour (BUS293)

As for BUS223 except:

Credit Points: 3

Not available this year

Orientation Chemistry 1 (EQU011)

MURDOCH: S1-internal

This unit is an introduction to the study of chemistry. The basic concepts of chemistry and basic calculations of molecular mass and the mole concept are covered including reaction equations and stoichiometry.

Lectures/tutorials: 3 hours per week; laboratories: six two-hour sessions.

Prerequisites: This unit is restricted to Aboriginal and Torres Strait Islander students who entered Veterinary or Biomedical Science through the Waardong program, or by permission from the Academic Chair.

Orientation Chemistry 2 (EQU012)

MURDOCH: S2-internal

This unit builds upon the basic chemical knowledge gained for EQU011 Orientation Chemistry 1 to cover concepts such as equilibrium reactions, redox reactions, acids and bases and a basic investigation of organic chemistry.

Lectures/tutorials: 3 hours per week; laboratories: six two-hour sessions.

Prerequisites: EQU011 Orientation Chemistry 1. This unit is restricted to Aboriginal and Torres Strait Islander students who entered Veterinary Science through the Waardong program, or by permission of the Academic Chair.

Our Mob: Working with Indigenous Families (AIS233)

Credit Points: 4

MURDOCH: S1-internal, S1-external

The primary focus of this unit is providing students with a background in the issues, concepts and challenges inherent in working with Indigenous individuals and families. This unit has been designed for students from a range of professional disciplines including social work, education, sustainability, law and community development and nursing. In order to keep the emphasis on practical applications of theoretical knowledge, the unit will use real-world case-studies and the lessons for practitioners inherent in these.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: Nil.

Our Mob: Working with Indigenous Families (AIS234)*As for AIS233 except:*

Credit Points: 3

Not available this year

Overseas Aid and International Development (SUS204)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Why is aid and development important? How can we make it more effective? What are the differences between humanitarian emergency responses and long term development? How can we encourage people to take ownership for their own sustainable development? What are the barriers to this for them and us? This course aims to give a historical and philosophical grounding to respond to these questions along with practical skills to work in a development context.

Lectures/tutorials: 3 hours per week.

Prerequisites: Nil.

Exclusions: Students who have completed STP240/STP440 Special Topics in Sustainable Development: Overseas Aid and International Development in 2005 or STP204 Overseas Aid and Development may not enrol in this unit for credit.

Overseas Aid and International Development (SUS207)*As for SUS204 except:*

Credit Points: 3

Not available this year

Overseas Aid and International Development (SUS504)

Credit Points: 3

Not available this year

Why is aid and development important? How can we make it more effective? What are the differences between humanitarian emergency responses and long term development? How can we encourage people to take ownership for their own sustainable development? What are the barriers to this for them and us? This course aims to give a historical and philosophical grounding to respond to these questions along with practical skills to work in a development context.

Lectures/seminars: 3 hours per week.

Prerequisites: Enrolment in an Honours or Postgraduate-level course.

Exclusions: Students who have successfully completed STP604 Overseas Aid and International Development may not enrol in this unit for credit.

Parasitology (BMS364)

Credit Points: 4

MURDOCH: S2-internal

A unit in applied parasitology that introduces the concept of parasitism and the diversity of organisms. The life cycles and transmission patterns of the major parasites of people and domestic animals in Australia are described. The interaction between hosts and parasites, leading to disease, is covered in detail, as is the treatment of parasitic disease and the development of integrated

approaches to parasitic control. Special attention is given to the role of medical research in understanding human parasitic disease.

Lectures: 4 hours per week; practicals: 3 hours per week.

Prerequisites: Nil. Recommended: BIO103 Environmental Biology or ANS102 Introduction to the Animal Body.

Parliamentary and Public Sector Internship (POL322)

Credit Points: 8

MURDOCH: S2-internal

A Parliamentary Internship is a cooperative arrangement with the Western Australian State Parliament. Public Policy Internships are a cooperative arrangement with the Western Australian Public Service. Students undertake research with the collective guidance of a member of parliament or public service agency, and an academic supervisor. The research project is supported by a series of seminars which range in focus from considerations of parliamentary government and policy making to the ethics of research.

Up to 3 hours per week.

Prerequisites: High standard of academic performance.

Acceptance into the unit depends upon a demonstrated high standard of academic performance. Students intending to undertake an internship should apply to the Unit Coordinator before the end of Semester 1.

Parliamentary and Public Sector Internship (POL340)*As for POL322 except:*

Credit Points: 6

Not available this year

Pastoral Care (THE245)

Credit Points: 4

Not available this year

This unit will introduce the practice of pastoral care. It will examine pastoral care across cultures and in a multifaith context. Topics include grief, trauma, death and dying.

Three day-long intensives of 6 hours, plus 6 hours of online contact (discussions/tutorials/lectures). Please check the timetable for the scheduling of the intensives.

Prerequisites: Nil.

Pastoral Care (THE645)*As for THE245 except:*

Credit Points: 3

Not available this year

Pastoral Practicum (THE512)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This unit consists of experience and reflection in a parish or institutional setting. It provides an opportunity for students to exercise skills in ministry under supervision with a view both to developing skills further and to deepening theological awareness of the issues involved in ministry.

9 hours per week (8 hours field experience and 1 hour supervision).

Prerequisites: Enrolment in the Graduate Diploma in Chaplaincy.

Pastoral Practicum I (THE237)

Credit Points: 4

MURDOCH: S1-external, S2-external

Theory and practice of ministry within a parish or institutional setting, including experience and reflection under guidance of a supervisor.

Practica: 12 hours per week (11 hours field experience and 1 hour supervision).

Prerequisites: THE107 Thinking Theology. As this is a practical workplace unit, students wishing to enrol in this unit must consult the Unit Coordinator at least six months prior to enrolment.

Pastoral Practicum II (THE437)

Credit Points: 4

MURDOCH: S1-external, S2-external

This unit consists of further experience and reflection in a parish or institutional setting, beyond THE237 Pastoral Practicum I. It provides an opportunity for students who have already completed a major part of their theological studies to exercise skills in ministry under supervision with a view both to developing skills further and to deepening theological awareness of the issues involved in ministry.

Practica: 12 hours per week (11 hours field experience and 1 hour supervision).

Prerequisites: THE245 Pastoral Care or S273 Patterns of Preaching or THE288 Worship and Liturgy. Highly recommended: THE237 Pastoral Practicum I and a major part of the student's theological studies. Students wishing to enrol in this unit must obtain a full unit outline, and consult the Unit Coordinator with regard to the availability of places within the unit at least six months prior to enrolment.

Pathology and Disease of Production Animals (ANS350)

Credit Points: 4

MURDOCH: S1-internal

Pathological processes and their interrelationships that are present in production animals will be examined. This will be linked to general pathology lectures (shared with VET340, CHI301, BMS360) and practical workshops/demonstrations in animal diseases of importance in production animals. A component of the contact time will deal with public health and disease surveillance. Some practical interpretation skills developed through the use of case studies arising from the diagnostic pathology service provided by the School will be taught.

Lectures: 4 hours per week; laboratories: 2 hours per week; workshops: 1 hour per week.

Prerequisites: Enrolment in Bachelor of Animal Science; ANS251 Agricultural Biochemistry and ANS253 Physiology and Anatomy of Farm Animals.

Paul and Early Christian Writings (THE240)

Credit Points: 4

MURDOCH: S1-external

A study of select New Testament writings drawn from the letters attributed to Paul, the General Letters (apart from the Johannine Letters) and the Acts of the Apostles. Attention will be given to the structure, content, and themes of at least one letter from the Pauline corpus in the context of Paul's life and work and of at least one other writing. (There will be opportunity for use of Greek for students who have completed THE103 New Testament Greek I).

Prerequisites: Nil. Recommended: S102/THE102 Introduction to New Testament Studies.

Pedagogies for Literacy and Numeracy in the Early Years (EDN566)

Credit Points: 3

MURDOCH: S1-external

This unit aims to equip early childhood educators with sound knowledge and skills to effectively teach literacy and numeracy in the early years K-2. The integration of literacy and numeracy across the curriculum will be explored, as will the role of the educator as an intentional teacher of literacy and numeracy in children's play.

Prerequisites: Enrolment in the Graduate Diploma of Early Childhood Care and Education or the Graduate Certificate in Early Childhood Education, or the Graduate Certificate in Early Childhood Care and Education.

People and Globalisation (MCC386)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit explores the impacts of globalisation practices on cultural and gender politics around the world. It addresses issues of cultural difference and culture clash, of cultural specificity, cultural resistance and cultural transformation in response to globalisation. These issues will be explored through a series of topical and contentious examples, such as sex trafficking, HIV/AIDS, the economic effects of transnational corporations, which foreground the connections between gendered impacts and cultural politics.

Lectures: 1 hour per week; tutorials: 2 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed WOM270 and MCC211 / MCC511 may not enrol in this unit for credit.

People's History of South-East Asia (AST276)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Explores important themes in South-East Asian modern history, including contemporary social patterns and historical processes, in particular Asian societies as perceived by the people themselves; the structure of social dominance; the autonomy of popular culture; the impact of global trade; migration and the diaspora communities; colonialism and self; ideology and revolution; commodities, lifestyles and identities. The unit aims to bring the boundaries of South-East Asian history as close as possible to those of people's lives and experiences.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

People's History of South-East Asia (AST286)*As for AST276 except:*

Credit Points: 3

Not available this year

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People, Corporates and Globalisation (MCM604)

Credit Points: 3

MURDOCH: S2-internal

This unit examines the broad discourse of globalisation by focusing on human and gendered dimensions of economic and cultural politics, as well as on corporate responses to range of global challenges. The unit explores issues of cultural difference and culture clash, of cultural specificity, resistance and transformation in response to increased globalisation by analysing issues such as sex and human trafficking, HIV/AIDS, power and practices of transnational corporations and the application of corporate social responsibility.

Seminars: 2 hours per week (or 4 hours per fortnight).

Prerequisites: Nil.

Perceptions of South-East Asian Society (AST556)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit seeks to develop an awareness of the impact of colonialism on traditional societies in South-East Asia, and the perceptions of the coloniser and colonised of each other, on the basis of literary (novels and short stories) and historical records. Attention will be paid to life and work in traditional South-East Asian societies in the pre-colonial period, patterns of colonial administration and oppression, social and psychological dislocation and the universality of the colonial experience.

3 hour Seminar

Prerequisites: Enrolment in postgraduate level (AQF8 or AQF9) studies or permission of the Unit Coordinator.

Performance and Creative Arts (EGL225)

Credit Points: 4

MURDOCH: S2-internal

This unit explores works from a range of genres including: theatre, film, digital art, music, painting, photography and contemporary performance. It questions the relationship between representation and power, race and visibility as well as the role of culture in informing how work is produced and received. Students will engage with a range of case studies and respond to this work either through the development of their own piece of critical writing, or by generating a creative response through performance.

Seminar: 1 hour; and either tutorial: 1.5 hours or workshop: 2 hours.

Prerequisites: Nil.

Performance and Creative Arts (EGL236)*As for EGL225 except:*

Credit Points: 3

Not available this year

Perspectives on Curriculum (EDN465)

Credit Points: 3

Not available this year

Perspectives on Security and Terrorism (POL192)

Credit Points: 3

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S2-internal

Introduction to the concepts of security, terrorism and counterterrorism. This unit examines the changing perceptions of security from military force to human security and security in cyberspace. It explains how terrorism undermines human security, subverts societal values, and threatens the society's critical infrastructure. It also analyses the relationship between terrorism and religious tolerance, democracy and international law.

Lectures: 1 hour per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Photo and Video Journalism (JOU267)*As for MCC267 except:*

Credit Points: 3

Not available this year

This unit is not subject to quota.

Photo and Video Journalism (MCC267)

Credit Points: 4

MURDOCH: S1-internal (quota of 80 places)

DUBAI-ISC: TJD-internal, TSD-internal

SGP1: TJB-internal, TSB-internal

Students will be exposed to the challenge of using still and moving images to tell real stories. Students will learn the conventions and techniques of documentary photography, and the contemporary processes of digital reproduction, in readiness to apply them for publication in the newsroom production unit.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: PHO124 Photography I; MCC104 Introduction to Journalism or EGL114 Introduction to Creative Arts.

This unit is subject to quota. Quota is due to limited resources. Thereafter students can apply to the Unit Coordinator as places become available.

Photo Documentary (PHO202)

Credit Points: 3

Not available this year

Theory and practice in producing image based narratives. The course will equip students to develop the conceptual and technical skills required to produce a documentary photography project. Students will develop a proposed area of investigation at the beginning of the course to develop into a portfolio project by the end of semester. In addition students will be introduced to the history and key practitioners of documentary photography.

Lectures: 1 hour; tutorials: 90 minutes.

Prerequisites: PHO124 Photography I.

Photographic Culture (PHO305)

Credit Points: 3

Not available this year

A cultural history of Photography, the major movements and development. An overview of the principle practices, theories and debates. Photographic Culture will create a new context for reflection on the nature of photography, its practices, meanings, and private/public worlds.

Lectures: 1 hour; workshops: 1.5 hours.

Prerequisites: Nil.

Photography 1 (PHO124)

As for MCC124 except:

Credit Points: 3

MURDOCH: S1-internal (quota of 120 places), S2-internal (quota of 120 places)

ROCKINGHAM: S1-internal (quota of 15 places)

Exclusions: Students who have successfully completed MCC124 Photography and Digital Imaging cannot enrol for credit in this unit.

This unit is offered in both Semester 1 and Semester 2 in order to ensure that students have reasonable access to the School's photographic equipment.

This unit is subject to quota. Quota is due to space and equipment constraints and the supervision demands of a production environment. Preference is given to BA Photography majors.

Photography 2 (PHO203)

Credit Points: 3

Not available this year

Photography II focuses on advanced photographic practice and alternative imaging processes. Students explore of technical and aesthetic modes of photographic practice. The course is designed to prepare students for major portfolio, exhibition and commercial practice. Students will be introduced to the conceptual and technical methods required to plan and develop substantial project work.

Prerequisites: PHO124 Photography I

Photography and Digital Imaging (MCC124)

Credit Points: 3

DUBAI-ISC: TJD-internal, TSD-internal

Photography I is a practical introduction to photography and the digital imaging workflow as a foundation for students wishing to pursue studies in multimedia, cinematography & photography. The camera operation, image acquisition and production workflow skills learnt at the level of the still image become the basis of skills in all later visual media work. Learning activities emphasise the creation and analysis of the still image in the context of the major concepts, movements and practices in historical and contemporary photography.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MED102 Photography or MCC124 Photography and Digital Imaging may not enrol in this unit for credit.

This unit is subject to quota. Quota is due to space and equipment constraints and the supervision demands of a production environment. Preference is given to BMedia, BCommun and BDMedia Majors.

Physical Assessment and Rehabilitation (EXS306)

As for EXS328 except:

Credit Points: 3

Not available this year

Physical Assessment and Rehabilitation (EXS328)

Credit Points: 4

MURDOCH: S1-internal

Provides students with a basic understanding of rehabilitation: the development of a person to the fullest physical, psychological, social, vocational, and educational potential within their physiological/anatomic impairments and environmental limitations. Upon completion, students will be able to develop and implement exercise rehabilitation techniques for patients with a wide variety of disabling illnesses by understanding the nature of adaptations to training with various kinds of exercise. It has three components: evaluation methods; general management methods; management methods by body region.

Lecture: 2 hours; laboratories: 2 hours.

Prerequisites: CHI225/EXS225 Principles of Strength and Conditioning; CHI208/EXS208 Health, Fitness and Performance Assessment; CHI209/ EXS209/CHI2091/EXS2091 Biomechanics or Biomechanics and Diagnostic Palpation Skills.

Exclusions: Student who have successfully completed CHI328 Physical Assessment and Rehabilitation may not enrol in this unit for credit.

Physical Chemistry I (CHE202)

Credit Points: 3

Not available this year

This unit builds on a basic understanding of chemical principles to show the practical investigative uses of thermodynamics and kinetics. In addition, it introduces molecular orbital concepts of structure and reaction mechanisms. The concepts of ionic strength, activity, redox, complexation, speciation, solubility and membrane equilibria are discussed and applied to practical situations, including biochemical systems. MO theory of planar molecules and simple reactions including Lewis acid/base and SN2.

Lectures: 2 hours per week; laboratories: 4 hours per week.

Prerequisites: CHE144 Foundations of Chemical Principles; CHE145 Introduction to Chemical Concepts.

Physical Chemistry II (CHE347)

Credit Points: 3

Not available this year

This unit expands on structure, reaction mechanisms and rates begun in CHE201 Physical Chemistry I. The physical chemistry of phase changes and electrolyte solutions are studied focusing on complex multi-component and multiphase systems, such as liquid-vapour, solid-aqueous, metals and alloys, under a variety of temperature and pressure conditions. The electrochemistry of mixed potentials, corrosion and mineral leaching is included. MO theory is further developed for non-planar molecules, Walsh diagrams and orbital interactions during metal mediated catalysis.

Lectures: 2 hours per week; laboratories: 4 hours per week.

Prerequisites: CHE201 Physical Chemistry I.

Physical Education (EDN116)

Credit Points: 3

MURDOCH: S2-internal
ROCKINGHAM: S1-internal

This introductory unit focuses on the development of physical activity and coaching/teaching skills, developed through a range of movement experiences in different physical education and sporting contexts. The unit is valuable for students who intend to teaching physical education across K-12 in WA schools. Students will be introduced to Fundamental Movement Skills, teaching/coaching principles and methodologies and to the sports Gymnastics and Volleyball. As part of this unit, students will complete their Beginning Coaching General Principles course.

Lectures: one 1 hour; workshops: one 2 hours.

Prerequisites: Enrolment in Education (BEd) [Primary, 1-10 Health and Physical Education] or Education (BEd) [Secondary Teaching] + Sports Science (BSportsSc). Students from other courses need to contact the Unit Coordinator about enrolment in this unit.

Exclusions: Students who have successfully completed EDU107 Physical Education may not enrol in this unit for credit.

Preference will be given to students enrolled in B1279 and B1285.

Physical Examination (CHI283)

Credit Points: 4

MURDOCH: S2-internal (quota of 90 places)

This unit introduces students to the process whereby a clinician investigates a patient for signs of disease. Students will have the opportunity to learn the techniques and procedures associated with physical examination of the different body systems and the ability to synthesise findings. The unit builds upon other units by providing the student with the opportunity to develop the necessary knowledge, skills, manual dexterity, attitudes and behaviours to be a safe and effective health care provider, focusing on clinical examination.

Lectures: 4 hours per week; practicals: 4 hours per week.

Prerequisites: BMS101 Introduction to the Human Body; CHI108 Functional Human Anatomy (or BMS108 Comparative Musculoskeletal Anatomy/VET108 Topics in Comparative Mammalian Anatomy); BIO152 Cell Biology; CHI109 Chiropractic Skills and Principles I (or CHI124/EXS124 Principles of Sports Science); BMS107 Principles of Vertebrate Physiology; CHI280 Human Anatomy I; BMS264 Biomedical Physiology and concurrent enrolment in CHI282 Human Anatomy II.

This unit is subject to quota. Quota is due to limited facilities requirements. Preference will be given to students in Chiropractic. Non-clinical students need to apply via the Unit Coordinator to take this unit.

Physical Sciences Internship (PEC310)

Credit Points: 12

MURDOCH: S1-internal, S2-internal, Y-internal

A one-semester full-time (or full-year equivalent) work experience internship that will provide appropriate professional experience in the student's discipline area. Available to students in their final year of study. Students will be formally supervised by an academic staff member as well as from the employing organisation. The unit includes some workshops to prepare students for the workplace experience.

Prerequisites: Acceptance into the Science Internship Program and approval by the Academic Chair.

Students cannot self-enrol in this unit.

Physics and Nanotechnology Projects (PEC307)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

The objective of this unit is to integrate knowledge and abilities gained from units taken in the Physics and Nanotechnology major and apply them to the investigation of a particular physics/nanoscience-related problem, under the supervision of an academic staff member. Students may select a project from any area of nanoscience and chemistry/physics/energy studies/engineering/forensics/biomedical sciences in consultation with the Unit Coordinator, and subject to the availability of supervision.

Contact time by individual arrangements with Supervisors.

Prerequisites: PEC261 Applications of Nanotechnology.

Physics and Nanotechnology Projects (PEN307)*As for PEC307 except:*

Credit Points: 3

Not available this year

Physics of Materials (PEC317)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit covers the properties of matter and the structure and properties of solids and surfaces and their technological applications. Topics covered include phases of matter, properties of gases, liquids and solids, defects and dislocations in solids, quantum statistics, lattice vibrations, free electron theory of solids, metals, insulators and semiconductors, semiconductor devices, dielectrics, magnetic and amorphous materials, superconductivity, surfaces of solids and liquids.

Lectures: 3 hours per week, tutorials: 1 hour per week, laboratories: five 3-hour sessions.

Prerequisites: CHE140/PEC140 Introduction to Chemistry or CHE/PEC144 Chemical Principles; PEC231 Modern Physics.

Exclusions: Students who have completed CHE/PEC247 Physical and Inorganic Chemistry prior to 2011 may not complete this unit for credit.

Students wishing to complete a double major in Chemistry and Physics should contact the Academic Chair for advice. Laboratory kits are provided for off-campus students.

Physics of Materials (PEN317)*As for PEC317 except:*

Credit Points: 3

Not available this year

Physiological Therapeutics (CHI423)

Credit Points: 2

MURDOCH: T3-internal

Provides instruction in the indications and safe and accurate use of ancillary modalities in conjunction with manual therapies. Discussion includes the appropriateness of ancillary modalities as a single therapy or as a therapy in conjunction with other forms of care.

Lectures/workshops: 2 hours per week; practicals (small groups): 2

hours per week.

Prerequisites: Enrolment in BSc/BChiro and the successful completion of CHI301 Processes in Human Disease, CHI302 Diagnosis and Chiropractic Skills, CHI303 Primary Practice I: Clinical Science and Diagnosis, and CHI304 Clinical Orthopaedics and Neurology.

Physiology and Anatomy of Farm Animals (ANS253)

Credit Points: 4

MURDOCH: S2-internal

This unit integrates the anatomy and physiology of farm animals, in particular cattle, sheep, pigs and horses. It covers the major organ systems; emphasising the functional anatomy and physiology of the musculoskeletal, digestive, and reproductive systems. The nervous and endocrine control of body functions will be examined. Practical exercises will utilise prepared anatomical specimens and fresh material to complement dissections of areas of interest in domestic stock. Project work will provide an introduction to oral and written skills of communication.

Lectures: 4 hours per week; practicals/problem-based workshops: 4 hours per week.

Prerequisites: Enrolment in Bachelor of Animal Science; BMS107 Principles of Vertebrate Physiology and BIO152 Cell Biology.

Planning for Effective Learning in Primary Schools (EDN443)

Credit Points: 2

Not available this year

This unit is a preparation unit for the final Professional Internship. It consolidates previous study in both the curriculum and the core units and shows how students' learning can be enhanced by planning for differentiation and for integration. The unit includes a school-based component.

Prerequisites: Enrolment in the final semester of a Bachelor of Education (Primary) course OR Bachelor of Education (Primary) (Graduate). Students will be required to have successfully completed all the required units.

Plant Biosecurity in Practice (BIO538)

Credit Points: 3

MURDOCH: S1-external

This unit will introduce students to plant biosecurity within the broader context of human, veterinary and environmental regulatory issues. It includes an overview of the International Standards for Phytosanitary Measures with particular emphasis on the underlying theoretical principles, and an introduction to the plant biosecurity continuum including pre-border, border and post-border activities, the drivers behind these activities and the legislation and regulations that apply.

This unit is delivered online.

Prerequisites: Enrolment in a Postgraduate-level course. Students who wish to enrol in this unit as 'not for award' will be considered on a case by case basis.

Plant Biosecurity Masters Research Dissertation (BIO629)

Credit Points: 12

MURDOCH: S1-external, S2-external, Y-external

Students will undertake an advanced, supervised investigation of a selected plant biosecurity research problem. The project will report on the rationale, methods and results of the research and will be assessed on the basis of the quality of a submitted dissertation. Project topics, applied in nature, will be chosen in consultation with the Academic Chair and the proposed supervisor. The dissertation will be assessed by two staff members or other appropriately qualified people as approved by the Academic Chair.

Discussions with supervisor(s) as required. This is an independent research project and is therefore unique for each student.

Prerequisites: Enrolment in the Master of Plant Biosecurity.

Students cannot self-enrol in this unit.

Plant Biosecurity: Detection and Diagnostics (BIO537)

Credit Points: 3

MURDOCH: S1-external

This unit will introduce students to the tools and technologies required for effective detection and diagnosis of emergency plant pest and diseases. It includes a comprehensive overview of surveillance and diagnostic methods, with particular emphasis in the following areas: sampling and survey methods, monitoring strategies, and traditional (taxonomy and microscopy) and advanced (molecular and biochemical) diagnostics. This unit will also cover the requirements for certification of diagnostic laboratories and diagnostic protocols, decision making tools and reporting networks/databases.

This course is delivered online.

Prerequisites: Enrolment in a Postgraduate-level course. Students who wish to enrol in these units as 'not for award' will be considered on a case by case basis.

Plant Biotechnology and Proteomics (BIO253)

Credit Points: 4

MURDOCH: S1-internal

This unit provides the latest information and practical training, including applications of molecular biology to crop improvement, plant pathology, gene mapping, marker-assisted breeding, proteomics (analysis and characterisation of proteins) and genetically modified plants. In practical classes students will undertake experiments in plant tissue culture, the production and analysis of transgenic plants, proteomic analysis using mass spectroscopy, molecular diagnostics, gene mapping and plant pathology. The benefits and ethical issues relating to commercial growth of genetically manipulated crops are also discussed.

Lectures: 3 hours per week; laboratories: 4 hours per week.

Prerequisites: BIO152 Cell Biology.

Plant Biotechnology and Proteomics (BIO355)

As for BIO253 except:

Credit Points: 3

Not available this year

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Plant Diversity (BIO245)*As for BIO265 except:*

Credit Points: 3

Not available this year

Plant Diversity (BIO265)

Credit Points: 4

MURDOCH: S1-internal

The diversity of plants and algae will be studied with emphasis on evolution, structure and function. Interactions between plants and the environment and the control of development will be explored in some detail for the flowering plants.

Lectures: 3 per week; laboratories: 4 hours per week.

Prerequisites: BIO103 Environmental Biology.

Exclusions: Students who have successfully completed BIO287 Plant Diversity (Marine Science) may not enrol in this unit for credit.

Plant Diversity (Marine Science) (BIO254)*As for BIO287 except:*

Credit Points: 3

Not available this year

Plant Diversity (Marine Science) (BIO287)

Credit Points: 4

MURDOCH: S1-internal

This unit aims to provide you with a working knowledge of algal and plant evolution and their functional interaction with the environment. The unit will cover the algal part of the Kingdom Protista, the Cyanobacteria in the Kingdom Monera and the Plant Kingdom. The unit emphasises morphological diversity, reproductive processes and strategies, adaptation, function and evolution. Interactions between plants and the environment and the control of development are discussed for flowering plants. Emphasis is placed on marine organisms where possible.

Lectures: 3 per week; laboratories: 4 hours per week.

Prerequisites: BIO103 Environmental Biology.

Exclusions: Students who have successfully completed BIO265 Plant Diversity may not enrol in this unit for credit.

PLC and SCADA Systems (ENG443)

Credit Points: 4

MURDOCH: S1-internal, S2-internal

This unit builds upon previous studies of computer based measurement and control systems. In particular industrial based PLC and SCADA systems. The strong laboratory component provides students with practical experience in using these systems. Students are expected to design, commission and test small scale systems involving programming, networking and interfacing to instruments.

Meetings/laboratories: By arrangement with the Unit Coordinator.

Prerequisites: Enrolment in the ME or permission of the Engineering Academic Chair.

PLC Applications (ENG501)

Credit Points: 3

MURDOCH: S1-internal

This unit builds upon previous studies of computer based measurement and control systems. In particular industrial based PLC and SCADA systems. The strong laboratory component provides students with practical experience in using these systems in an industry environment. Students are expected to design, commission and test small scale systems involving programming, networking and interfacing to instruments.

Meetings/laboratories: by arrangement with the Unit Coordinator.

Prerequisites: Enrolment in the ME or permission of the Engineering Academic Chair.

PLC Systems (ENG305)

Credit Points: 4

MURDOCH: S1-internal

This unit provides a thorough understanding, knowledge and practical experience in using PLC systems for measurement and control in an industrial process setting. Topics include: PLC categories, types; project oriented development environment; hardware configuration; digital I/O; ladder logic, STL, FBD; logic operations, timers, counters; simulators; numerical and interrupt processing; process simulation, analog I/O, PID control; state based design and implementation; operator panels, networking, I/O modules, remote I/O; SCL, GRAPH; multiple PLC project development and documentation.

Lectures: 2 hours per week; workshops: 2 hours per week; laboratories: 4 hours per week.

Prerequisites: ENG109 Computing for Scientists and Engineers; ENG262 Principles of Electronic Instrumentation.

PLC Systems (ENG311)*As for ENG305 except:*

Credit Points: 3

Not available this year

Policing and Crime Prevention (CRM201)

Credit Points: 3

Not available this year

Policing and Crime Prevention provides students with both applied and theoretical perspectives on the issue of crime prevention strategies. Student will study the three broad theoretical perspectives in crime prevention (Policing, Situational, and Developmental) and then examine the difficulty faced by modern police forces in protection the community.

Lecture/Seminar 2 hours per week

Prerequisites: LEG120 Legal Research; CRM100 Introduction to Criminology; LEG100 Law, Justice & Social Policy

Policy Design (SWM614)

Credit Points: 3

MURDOCH: S2-internal

The design of effective policy requires an understanding of the connections between policy problems, political context and policy development. Examine the factors that shape the success of policy initiatives and considers how the combination of ideas and agendas, institutional settings, the choice of instruments, and the political context underpin policy decision-making and design.

Students are provided with the conceptual tools and methodological insight to examine the practical and strategic dimensions involved in the design of public policy.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Policy Research and Evaluation (SWM516)

Credit Points: 3

MURDOCH: S1-internal

Knowledge and evidence are important elements in public policymaking. This unit considers the role of evidence-based research and systematic analysis in the development of policy. It demonstrates the key function of policy evaluation as part of policy learning processes. The iterative and innovative dimensions of policy research and evaluation will be explored through practical examples and exercises. The unit will assist students to acquire the critical capacities and technical skills used in the generation and development of policy initiatives.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Political Philosophy for Fun and Profit (POL223)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Ideas are everything when it comes to politics. They affect our understanding of political events and influence the choices we make when we act politically (including our decisions not to act). The ideas that dominate our understanding of politics derive from two ideologies: liberalism and socialism. Understanding them gives us insights into how we think about politics. Equipped with this understanding we are free to be who we truly want to be and act as we truly want to act.

Up to 3 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed POL223 Modern political Thought may not enrol in this unit for credit.

Political Philosophy for Fun and Profit (POL342)

As for POL223 except:

Credit Points: 3

Not available this year

Political Violence (SWM643)

Credit Points: 3

MURDOCH: S2-internal

Political violence manifests itself at all levels of social and political organisation. This unit explores the complex relationship between violence, politics and society and how political violence shapes the modern world. It incorporates a variety of theoretical perspectives together with empirical analyses of political violence, with particular emphasis on modern South-East Asia. The unit considers the use of violence by both state and non-state actors, with areas covered including terrorism, state violence, communal conflicts, insurgencies and structural violence.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Politics and Security in North-East Asia (POL212)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit examines the emergence of China as an economic, political and military powerhouse in the Asian and global contexts. Topics covered will include the Chinese communist revolution, China under Mao Zedong, the Deng Xiaoping reforms, and the emergence of China as a superpower in the 21st Century. China's relations with the US, the USSR/Russia, Africa, and her Asian neighbours will be discussed. The security implications of China's rise will also be analysed.

Lectures: 1.5 hour per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Politics and Security in North-East Asia (POL312)

As for POL212 except:

Credit Points: 3

Not available this year

Politics and Security in South Asia (POL218)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit will aim to develop a critical and in-depth understanding of the nature of political and security challenges confronting the Southwest Asian region and how these challenges impact upon global security. While a regional perspective will be adopted, the unit will place particular emphasis on the following states: India, Pakistan, Afghanistan and Iran.

Lecture: 1.5 hour per week; tutorial: 1 hour per week.

Prerequisites: Nil.

Politics and Security in South Asia (POL237)

As for POL218 except:

Credit Points: 3

Not available this year

Politics and Security in South-East Asia: Terrorists, Gangsters and the State (POL213)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit examines the emergence and interrelationship of a broad range of security issues in the Southeast Asian Region. The unit adopts a critical approach towards a range of non-traditional security issues such as politically motivated violence and organised crime. Topics such as drug smuggling, urban gangs and terrorism will be discussed. The responses to these issues by government and states as well as the implications these hold for our understanding of 'security' itself will be critically evaluated.

Lecture: 1.5 hour per week; tutorial: 1 hour per week.

Prerequisites: Nil.

Politics and Security in South-East Asia: Terrorists, Gangsters and the State (POL338)

As for POL213 except:

Credit Points: 3

Not available this year

Politics, Journalism and Society (JOU340)

As for MCC240 except:

Credit Points: 3

Not available this year

Politics, Journalism and Society (MCC240)

Credit Points: 4

MURDOCH: S2-internal
DUBAI-ISC: TJD-internal, TSD-internal
SGP1: TJB-internal, TSB-internal

The unit considers the relationship, roles and functions of the journalist in modern society. Students will investigate a range of issues which highlight the political and cultural significance of journalism in society, its application in the multi-platform media age and its practice in a range of sub-set disciplines, such as war reporting, business journalism, and its interaction with public relations.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: MCC104 Introduction to Journalism.

Politics, States and Development (SWM530)

Credit Points: 3

MURDOCH: S1-internal

States play an important role in the development, with that role often being influenced by the foreign policy and political economy drivers of international aid and donor countries. These issues are critically examined in terms of: 'good governance' promotion; state fragility and state-building; aid politics in traditional and emerging donors; and social protection and welfare policy. Aim: to equip students with the critical frameworks to comprehend debates over the role of politics and the state in international development.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Pollution and its Control (ENG221)

As for ENV211 except:

Credit Points: 3

Not available this year

Pollution and its Control (ENV211)

Credit Points: 4

MURDOCH: S1-internal, S1-external

An introduction to the study of pollution and its control, discussing the relationship between wastes and pollution. Examines the impacts of wastes on the environment, the ability of nature to assimilate wastes, and the natural physical, chemical and biological assimilative processes. Develops basic scientific and technical skills for pollution assessment with respect to the source, composition and characteristics of the wastes. Examines available technologies

for pollution control and protection of water quality from municipal, urban, agricultural and industrial sources.

Lectures: 3 hours per week; practical work: 3 hours per week.

External students should note that this unit has a compulsory week-long on-campus component. Due to the nature of offering this unit, students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: ENV102 Introduction to Environmental Science and CHE144/PEC144 Chemical Principles equivalent.

Popular Literature and Science Fiction (EGL230)

As for EGL290 except:

Credit Points: 3

Not available this year

Popular Literature and Science Fiction (EGL290)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit combines consideration of the social and aesthetic dimensions of popular literature with close reading of texts from a number of genres: fairy stories, fantasy, magical realism, romance, detective fiction, thrillers, westerns, science fiction and others.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Popular Music (MCC274)

Credit Points: 4

MURDOCH: S2-internal

Students will study the major streams of western popular music such as folk, country, blues, jazz, rock and roll, and hip hop, to discover the many ways in which these styles have influenced each other and the mainstream. The interweaving of popular music and its surrounding society and popular culture, the way the music business acts on and reacts to musical trends, technology's effect on popular music, and the evolution of the musical artist as branded product, will be explored.

Lectures: 1 hour per week; tutorials/workshops: 2 hours per week.

Prerequisites: Nil.

Popular Music (RAD274)

As for MCC274 except:

Credit Points: 3

Not available this year

Postgraduate International Study Tour (MBS672)

Credit Points: 3

Not available this year

Provides business managers with cross-cultural skills and knowledge to establish productive business relationships in China and to establish and manage business ventures for foreign companies operating there. Topics: Chinese commercial negotiating styles; bargaining strategies; cultivating trust, building influence networks; decision-making processes; contracts; business customs, etiquette; conflict; market entry modes; levels of government for approvals and licenses; joint venture partner selection; joint venture negotiations, structures, staffing and control; political systems and structures.

Lectures/seminars/workshops: 3 hours (1 x 3 hours) per week in winter term at Murdoch Campus.

185 hours over 5 weeks in China plus 18 hours over winter.

As this unit is taught intensively, students are recommended to seek confirmation of the exact attendance dates and requirements from the Murdoch Business School.

Prerequisites: Enrolment in the MBA in International Business.

Half of this unit may be taught in China. Therefore students must be aware of Australian Department of Foreign Affairs and Trade (DFAT) travel advisories prior to their departure by checking the following link: <http://www.smarttraveller.gov.au>

Where the intended overseas location has a high level travel advisory in place the student can opt not to travel to that destination. Instead they can seek alternative arrangements as determined by the Academic Chair and approved by the Dean of School.

All students must complete the University's online Travel Register prior to departure.

Please note that the School reserves the right to not offer this unit if there is insufficient student enrolments. In this case a modified version of the unit will be offered. Also refer to the 'Special Requirements' section of the MBA in International Business.

This unit is subject to quota. Quota is due to the limited number of places available on the study tour. Students must be enrolled in a postgraduate course. Selection is by application only.

Postwar Japan (JPN514)

Credit Points: 3

Not available this year

This unit examines Japan from 1952 to the present. It traces the great changes that took place as Japan established itself as a major world power, but also acknowledges the persistent influence of the Second World War over later events and perceptions. Topics include the influence of television, the Tokyo Olympics and the political quest to become a 'normal nation' in the 21st century.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Power Electronic Converters and Systems (ENG318)

As for ENG349 except:

Credit Points: 3

Not available this year

Power Electronic Converters and Systems (ENG349)

Credit Points: 4

MURDOCH: S1-internal

The unit introduces power electronic converters and systems. It covers modern power semiconductor devices, uncontrolled, semi-controlled and PWM rectifiers, AC voltage controllers, DC-DC converters, PWM inverters, variable speed DC and AC drives, volts/Hz speed control in AC machines. A wide range of industrial applications of power electronic systems is presented.

Lectures: 2 hours per week; workshops: 1 hour per week; laboratories: 3 hours per week.

Prerequisites: ENG243 Circuits and Systems II; ENG262 Principles of Electronic Instrumentation.

Co-requisite MAS261 Mathematical Methods.

Power System Economics and Electricity Markets (ENG561)

Credit Points: 3

Not available this year

This unit discusses the economic theory and practice associated with the operation and management of the electrical network, including economic dispatch. It introduces the electricity markets and discusses the need for economic operation within the deregulated industry, covering transmission transactions and the technical and economic issues associated with them.

Meetings/laboratories: by arrangement with the Unit Coordinator.

Prerequisites: Enrolment in ME.

Power System Monitoring, Diagnostics and Maintenance (ENG557)

Credit Points: 3

Not available this year

This unit discusses monitoring and diagnostics technologies associated with the operation and management of the power system. It also covers maintenance procedures and planning.

Meetings/laboratories: by arrangement with the Unit Coordinator.

Prerequisites: Enrolment in ME.

Power Systems Protection (ENG682)

Credit Points: 3

MURDOCH: S1-internal

This unit addresses the concepts, strategies and devices that can be applied in designing power systems protection for distribution lines, transmission lines, transformers, motors, generators and busbars. Strategies include overcurrent, distance, and differential protection schemes; relay coordination; ground-fault protection; and the use of symmetrical components for more sensitive fault detection. Special emphasis is given to using advanced capabilities in modern protective relay systems to improve power system reliability and performance.

Lectures/tutorials/meetings/laboratories: By arrangement with the Unit Coordinator.

Prerequisites: Enrolment in the Master of Engineering or permission of the Engineering Academic Chair.

Power Systems Protection and Control (ENG451)

Credit Points: 3

Not available this year

Power Systems Protection and Control (ENG455)

Credit Points: 4

MURDOCH: S1-internal

This unit studies the fundamental concepts associated with the operation and control of power systems. These concepts include reactive power compensation, economic dispatch, power flows and optimal load flow, stability and protection.

Lectures: 3 hours per week; workshops: 1 hour per week; laboratories: 2 hours per week.

Prerequisites: ENG267 Control Systems and Process Dynamics; ENG348 Power Transmission and Distribution Networks.
Co-requisites: ENG347 Electromechanical Energy Conversion; ENG349 Power Electronic Converters and Systems.

Summer Offering: enrolment only by permission of the Engineering

Academic Chair.

Power Transmission and Distribution Networks (ENG323)

As for ENG348 except:

Credit Points: 3

Not available this year

Power Transmission and Distribution Networks (ENG348)

Credit Points: 4

MURDOCH: S2-internal

This unit studies the key concepts behind the transmission and distribution of electrical energy. It covers topics such as transmission line modelling, distribution transformers, overhead lines, power flows, symmetric fault analysis, three-phase symmetrical components and non-symmetric fault analysis. This unit is supported by hardware experiments on power system components and software simulations of complete power systems.

Lectures: 3 hours per week; workshops: 1 hour per week; laboratories: 2 hours per week.

Prerequisites: ENG243 Circuits and Systems II; MAS261 Mathematical Methods OR MAS208 Mathematical Modelling.

Power, Security and Modern Life (SOC296)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit explores understandings of 'power' and 'governance' in sociological thought, tracking changes from the classical period to the present. The impact of political and professional interventions on individual subjectivity and social relations is discussed in detail with reference to subjects such as health, mental health, crime, welfare, education, ethnicity and sexuality. The themes which underlie the unit include knowledge, power, governance, subjectivity and contestation.

Lectures/tutorials: up to 3 hours per week.

Prerequisites: Nil.

Power, Security and Modern Life (SOC396)

As for SOC296 except:

Credit Points: 3

Not available this year

Practical Applications of Epidemiology (VET642)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This unit will provide students with the skill required to apply epidemiology to field situations. It will use practical examples to impart knowledge required for undertaking risk analysis and economic evaluation of disease surveillance and monitoring.

On-line discussions and workshops as required.

Prerequisites: Enrolment in Master of Veterinary Studies in Veterinary Surveillance, Master of Veterinary Studies in Conservation Medicine or permission of the Academic Chair. Completion of, or concurrent enrolment in, VET641 Principles of Epidemiology.

Practical Metallurgical Processing (ENG562)

Credit Points: 6

MURDOCH: H-external, Y-external

This unit combines hydrometallurgical and pyrometallurgical theory with practice. Leaching, solvent extraction, electrowinning, ion exchange, carbon-in-pulp gold processing, roasting, fire assay and mineralogical exercises will be completed. Students will experience working with pyrometallurgical and hydrometallurgical equipment. The application of thermodynamic and kinetic principles to extractive metallurgy will be emphasised, and students will learn how to use thermodynamic modelling software and interpret modelling outputs.

Students will be expected to spend significant time outside of time-tabled sessions preparing for and reporting on time-tabled sessions.

External: Internet access required. Students will be expected to attend two compulsory up to 15-day on-campus laboratory and workshop sessions during the year. Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Co-ordinator closer to the commencement date of the teaching period.

Prerequisites: Enrolment in Graduate Diploma Extractive Metallurgy. Students undertaking ENG562 in H mode must have completed or be concurrently enrolled in EXM131 Introduction to Extractive Metallurgy, EXM556 Process Mineralogy and EXM557 Extractive Metallurgy.

Students undertaking ENG562 in Y mode must have completed or be concurrently enrolled in CHE130 Introduction to Earth Sciences, EXM524 Principles of Unit Operations and EXM504 Mineral Processing.

Exclusions: Students who have successfully completed EXM506 Extractive Metallurgy Practicum or EXM507 Mineral Processing Practicum may not enrol in this unit for credit.

Practical Methods of Instruction (EDN541)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit provides practical instruction about effective teaching strategies that can be used in a variety of settings (with an emphasis on tertiary and adult education). Topics cover lecturing, assessment, managing teaching teams and tutors, holding seminars and small group discussions, supporting group work and collaborative learning, student diversity, international students, academic integrity, external students, online teaching and ICTs. By the end of the unit, students will have learned concrete ways to assess and improve their teaching practice.

Lectures: 1 hour per week; tutorials: 2 hours per week.

Prerequisites: Nil.

Pre-clinical Practicum (CHI484)

Credit Points: 6

MURDOCH: Y1-internal

Introduction to clinical practice, observing senior students in the MUCC as they undertake patient histories, physical examinations, treatments, and discussions with clinical supervisors, thus developing skills themselves in these areas. Orientation to clinic policies and procedures. Ethical and legal issues such as privacy, confidentiality and boundary issues will be introduced as students become familiar with clinic policies regarding record keeping and case management. Refreshment on techniques as well as management of problematic cases.

Lectures and/or workshops: 2 to 6 hours of clinical work per week varying through the trimesters; 1 lecture; 1 workshop/1 laboratory session per week.

Prerequisites: Enrolment in BSc/BChiro and the successful completion of Years 1 to 3.

Exclusions: Students who have successfully completed CHI4841 Pre-clinical Practicum may not enrol in this unit for credit.

International students enrolled in B1193 Bachelor of Science in Chiropractic/Bachelor of Chiropractic prior to 2009 should enrol in CHI4841.

Pre-clinical Practicum (CHI4841)

As for CHI484 except:

Not available this year

Exclusions: Students who have successfully completed CHI484 Pre-clinical Practicum may not enrol in this unit for credit.

Preparing for Professional Community Practice (COD303)

Credit Points: 3

Not available this year

This 'capstone' unit provides an opportunity for students to articulate, develop and apply intellectual reflection to their own personal and professional practice framework. It provides students with a chance to explore the written work of author-activists working in different contexts and historical periods. Students enrolling will use the unit to draw together previous study and extend their repertoire for describing community development practice.

Prerequisites: COD125 Introduction to Community Development and COD235 Community Work across Sites, Settings and Peoples and COD355 Community and Social Policy.

Primary Curriculum IV (Society and Environment, Science) (EDU286)

Credit Points: 4

MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

This unit aims to prepare students for facilitating effective learning in two curriculum areas, 'Society and Environment' and 'Science', with particular application to the primary classroom. The unit consists of two separate, but related strands both of which promote the use of 'inquiry' or an investigative approach to learning.

3 hours per week for 10 weeks.

Prerequisites: Enrolment in a Teacher Education Course [BEd (Primary), BEd (Primary) (Graduate), BEd (Early Childhood and Primary), BEd (Primary)/BA (AIS)], and successful completion of EDU101/EDU1011 Introduction to Teaching or EDN112/EDN1121 Understanding Teachers' Work and successful completion of EDU3153 School Experience: Primary BEd or EDN3100 Professional Experience Primary.

Exclusions: Students who have successfully completed E283 Studies of Society and Environment (formerly E283 Social Studies and the Primary Curriculum) and E284 Science and the Primary Curriculum may not enrol in this unit for credit.

Students are recommended to enrol in EDU3154 School Experience: Primary BEd in the same semester.

Primary Curriculum IV (Society and Environment, Science) (EDU286)

As for EDU286 except:

Credit Points: 3

MURDOCH: S1-internal, S1-external

Prerequisites: Enrolment in BEd (Primary) or GradDipEd (Primary) plus successful completion of either EDU101/EDU1011 Introduction to Teaching or EDN112/EDN1121 Understanding Teachers' Work.

Primary Health Care (NUR153)

Credit Points: 3

PEEL: S2N-internal

This unit will explore the evolution of Primary Health Care and its roles and philosophies within contemporary community health nursing. Using an ecological approach, the social, biological and cultural determinants of health will be examined. The theory and practice of health promotion will be explored along with models of illness and injury prevention. Students will develop an understanding of community nursing within a Primary Health Care framework, and its roles in diverse contextual settings.

Lecture: 1 hour per week; tutorials: 2 hours per week

Prerequisites: NUR100 Introduction to Nursing Practice, NUR103 Contemporary Nursing Practice

Exclusions: Students who have successfully completed NUR301 Family and Community Health may not enrol in this unit for credit.

Primary Practice I: Clinical Science and Diagnosis (CHI303)

Credit Points: 4

MURDOCH: S1-internal

This unit is divided into clinical sciences, diagnosis, neurology radiological diagnosis sections. It develops a principles approach to clinical pathology and neurology from a cellular level to organ failure -- focusing on neurology and systemic pathophysiology -- while utilising a case-study approach with diagnostic workshops to illustrate the concepts presented. The radiological presentations of selected musculoskeletal and visceral disorders are integrated; while practical lab times are used to further develop skills in image interpretation.

Lectures/workshops: 4 hours per week; practicals 4 hours per week. For radiology component: 1 to 2 hours per week assigned small group sessions during second half of semester, 8 hours of open radiology lab time for the semester.

Prerequisites: Enrolment in BSc/BChiro and successful completion of Years 1 and 2.

Primary Practice II: Physical Rehabilitation I (CHI442)

Credit Points: 2

MURDOCH: T1-internal

Focuses on collection of patient data necessary to develop and implement a physical rehabilitation program to complement or succeed the initial treatment plan. Builds on the development of competencies in performing physical examination procedures for purposes of differential diagnosis. Refines physical examination and implements functional examination skills for assessing the neuromusculoskeletal systems and also introduces procedures for examining fitness parameters.

Lectures: 2 hours per week; laboratories: 2 hours per week.

Prerequisites: Enrolment in BSc/BChiro and successful completion of

BSc(Chiro), or enrolment in Bachelor of Sports Science or enrolment in the BEd (Sec)/Sport Science or permission of the Academic Chair.

Exclusions: Students who have successfully completed CHI411 Primary Practice II: Physical Rehabilitation cannot enrol in this unit for credit.

Primary Practice III: Differential Diagnosis I (Musculoskeletal) (CHI443)

Credit Points: 2

MURDOCH: T2-internal

This unit stresses clinical decision making. It builds on earlier diagnosis units, further developing students' diagnostic and patient management skills. Focusing on the differential diagnosis of the patient's presenting complaint; consideration is given to the differential diagnosis of symptoms suggesting dysfunction of the musculoskeletal system and how to manage the patient appropriately.

Lectures: 2 hours per week; tutorials: 1 hour per week; 6 hours self directed learning.

Prerequisites: Enrolment in BChiropractic and successful completion of BSc(Chiropractic).

Exclusions: Students who have successfully completed CHI413 Primary Practice IV: Differential Diagnosis II cannot enrol in this unit for credit.

Primary Practice IV: Differential Diagnosis II (CHI444)

Credit Points: 2

MURDOCH: T1-internal (quota of 90 places)

This unit focuses on common clinical presentations related to the body systems and the clinical decision-making process (differential diagnosis) associated with the development of probable diagnoses. Principles of management will be addressed and the role of chiropractor emphasised, within the context of the broader healthcare system. The unit builds upon prior clinical units to provide the opportunity for students to gain the knowledge, skills and behaviours for the safe and appropriate management of patients in clinical practice.

Lecture: 2 hours per week; practical laboratories: 4 hours per week.

Prerequisites: Enrolment in BSc/BChiropractic and successful completion of BSc(Chiropractic).

This unit is subject to quota. Quota is due to limited resources and space requirements. Preference will be given to students in the Bachelor of Chiropractic.

Primary Practice V: Physical Rehabilitation II (CHI445)

Credit Points: 2

MURDOCH: T2-internal

Refines physical examination and implements functional examination skills for assessing the musculoskeletal systems and rehabilitation procedures.

Lectures: 2 hours per week; laboratories: 2 hours per week.

Prerequisites: Enrolment in BSportsSc, BEd(Secondary)/BSportsSc or enrolment in BSc/BChiropractic with successful completion of CHI442 Primary Practice II: Physical Rehabilitation I.

Exclusions: Students who have successfully completed CHI411 Primary Practice II: Physical Rehabilitation cannot enrol in this unit for credit.

Primary Practice VI: Pharmacology (CHI446)

Credit Points: 2

MURDOCH: T1-internal

This unit continues students' previous training in the area of physical and differential diagnosis implementing the general principles of pharmacology in a clinical environment. It will provide an understanding of the basic concepts and principles of pharmacology such as: standard definitions; sources of drugs; drug names and classifications; routes of administration; drug action; absorption; bioavailability; distribution; metabolism; excretion; and adverse reactions and will also provide an understanding of how drugs work in the various systems of the body.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Enrolment in BSportsSc, BSc(Exercise Physiology) or enrolment in BSc/BChiropractic with successful completion of BSc(Chiropractic).

Exclusions: Students who have successfully completed CHI414 Primary Practice V: Diagnosis and Pharmacology cannot enrol in this unit for credit.

Primary Practice VI: Pharmacology (CHI447)

As for CHI446 except:

Credit Points: 3

Not available this year

Principles and Practice of Neuromusculoskeletal Rehabilitation (CHI681)

Credit Points: 4

Not available this year

Introduction to principles and practice of neuromusculoskeletal rehabilitation, emphasising the biopsychosocial model and active care including consideration of the range of factors influencing clinical decision-making such as normal and abnormal function (physiology and pathophysiology), normal and abnormal biomechanics, structure (morphology), pathology, humanistic factors and patient/client assessment. Workshops highlight a practical approach to the physical performance evaluation, sparing strategies, stabilising strategies, assessment and management of muscle imbalance and facilitation of muscular agonist-antagonist co-activation by reflex stimulation methods.

External.

Prerequisites: Enrolment in the Master of Sports Science, Postgraduate Certificate in Neuromusculoskeletal Rehabilitation or Postgraduate Diploma in Neuromusculoskeletal Rehabilitation, or with the permission of the Academic Chair.

Students enrolled in the Postgraduate Certificate or Postgraduate Diploma in Neuromusculoskeletal Rehabilitation should enrol in CHI6811.

Principles and Practices in Early Childhood Education (EDN320)

Credit Points: 4

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

This unit addresses theories of play and development, learning, and pedagogy for young children in the pre and early primary years of school.

Lectures: 1 per week; workshops: 2 hours per week.

Prerequisites: Enrolment in BEd (Primary) or BEd Early Childhood

0-8, and EDN221 Learning, Teaching and Assessment 1, or completion of EDU241 Processes of Learning or EDU242 Processes of Learning and Assessment, or entry to Graduate Certificate in Early Childhood Education or Graduate Diploma in Education Studies.

Exclusions: Students who have successfully completed EDU322 Principles and Practices in Early Childhood Education or EDU3221 Principles and Practices in Early Childhood Education may not enrol in this unit for credit.

Students enrolled in the BEd (Early Childhood and Primary) minor must enrol in the 6-point version EDN3201.

Principles and Practices in Early Childhood Education (EDN3201)

As for EDN320 except:

Credit Points: 6

MURDOCH: S1-internal, S1-external
ROCKINGHAM: S1-internal

5 distributed days of school experience in a kindergarten or pre-primary in addition to those required for the BEd (Primary).
Workshops: 2 hours.

Prerequisites: Enrolment in BEd (Primary) and Early Childhood Education minor OR BEd (Early Childhood and Primary) OR BEd (Early Childhood 0-8).

Principles and Practices in Early Childhood Education (EDN355)

As for EDN320 except:

Credit Points: 3

Not available this year

Principles of Commercial Law (BUS165)

Credit Points: 3

DUBAI-ISC: TMD-internal

This unit introduces students to the Australian legal system, its operation and development, and to the principles of law applicable to core areas of business, such as contract law, tort law and agency law. Students studying Business will usually find this unit essential and prerequisite to further studies.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Principles of Computer Science (ICT104)

Credit Points: 3

DUBAI-ISC: TJD-internal, TMD-internal

This unit is designed to develop the skills of problem solving and program design using the Java programming language. Major topics: algorithm design; procedural abstractions; the use of libraries as collection of black-box code modules; the concepts of pre- and post-conditions; strings, arrays, introduction to object-oriented concepts including data abstraction, encapsulation, classes and object references, inheritance; introduction to recursion; streams and file input and output; the definition and use of common classes -- lists, stacks and queues.

Lectures: 2 hours per week; tutorials: 2 hours per week.

Prerequisites: ICT102 Introduction to Computer Science. External enrolment is restricted to students with independent access to adequate computing facilities and software or to students with access to the campus computers by attendance.

Principles of Computer Science (ICT167)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit is designed to develop the skills of problem solving and program design using an Object Oriented programming language. Major topics: algorithm design; procedural abstractions; the use of libraries as collection of black-box code modules; the concepts of pre- and post- conditions; strings, arrays, introduction to object-oriented concepts including data abstraction, encapsulation, classes and object references, inheritance; introduction to recursion; streams and file input and output; the definition and use of common classes - lists, stack and queues.

Lectures: 2 hours per week; computer laboratories: 2 hours per week.

Prerequisites: ICT159 Foundations of Computer Programming.

Exclusions: Students who have completed ICT104 Principles of Computer Science may not enrol in this unit for credit.

Principles of Counselling 1 (CSL582)

Credit Points: 6

MURDOCH: S1-internal

PEEL: S1-internal

Being a counsellor is a lifelong process of learning, professional and personal growth. The aims of this unit are to expand students' knowledge of major theoretical frameworks for understanding human nature and causes of human distress, whilst providing the opportunity to develop and practice associated core elements that pay particular attention to relational approaches to counselling and psychotherapy. This unit is a thorough introduction to the practice of counselling, and the basis for all other coursework in the programs.

Murdoch: Lectures: 3 hours; tutorials: 2 hours per week.

Peel: Lectures: 3 hours; tutorials: 3 hours per fortnight.

Prerequisites: Enrolment in the Postgraduate or Graduate Certificate of Counselling, Postgraduate or Graduate Diploma of Counselling or Master of Counselling or permission of the Counselling Academic Chair.

Exclusions: Students who have successfully completed PSY582/531 Counselling: Principles of Counselling 1 may not enrol in this unit for credit.

Principles of Counselling 2 (CSL684)

Credit Points: 3

MURDOCH: S2-internal

The intention of this unit is to strengthen essential counselling skills. Core elements include client specificity, responding to the more challenging aspects in counselling and the counselling relationship, and the development of advanced counselling skills, including the interpersonal abilities to engage in and maintain constructive therapeutic relationships. The unit also covers working with people of different cultures. At the end of the unit, students will be able to outline a well informed philosophy of their counselling practice.

Lectures/Seminars: 3 hours per week.

Prerequisites: Enrolment in the Master of Counselling and completion CSL679 previously PSY522/PSY579 Counselling: Placement and Supervision Group 1, or permission of the Counselling Academic Chair.

Exclusions: Students who have successfully completed PSY684/532 Counselling: Principles of Counselling 2 may not enrol in this unit for credit.

Principles of Data Communications (ICT120)

Credit Points: 3

Not available this year

This unit builds on the introductory unit ICT103, with the focus shifting to enterprise networks. Scalable network design is crucial as networks grow in size and complexity and the topics reflect this. Topics include: Wide Area Networks, switched Virtual Local Area Networks (VLANs), scalable addressing schemes and the examination of routing protocols capable of supporting global networks. Large, complex networks expose organisations to a variety of security threats, access control lists are introduced as a line of first defence.

Lectures: 2 hours per week; tutorials: 2 hours per week

Prerequisites: ICT103 Introduction to Data Communication; and completion of CCNA1 and CCNA2 at a Cisco Systems Networking Academy.

Upon completion of this unit the student will be equipped to sit for the Cisco CCNA Certification, the examination for which is administered by an organisation independent of Murdoch University.

Principles of Electronic Instrumentation (ENG207)*As for ENG262 except:*

Credit Points: 3

Not available this year

Principles of Electronic Instrumentation (ENG262)

Credit Points: 4

MURDOCH: S2-internal, SUM-internal

This unit offers students a background in analog electronics and instrumentation so that students are able to select the most appropriate instrumentation system for a given engineering measurement and control problem. It covers diodes, bipolar junction transistors, field effect transistors and their small and large signals models. It considers differential and operational amplifiers, their ideal and non-ideal behaviour and instrumentation amplifiers. Applications are considered in signal conditioning, active filtering, oscillators, voltage and current regulation.

Lectures: 3 hours per week; workshops: 1 hour per week; laboratories: 3 hours per week.

Prerequisites: MAS161 Calculus and Matrix Algebra OR MAS182 Applied Mathematics and ENG125 Circuits and Systems I.

Principles of Environmental Impact Assessment (ENV520)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit teaches the theories of Environmental Impact Assessment (EIA), focusing on the policy and procedures involved. The origin, history and continuing evolution of EIA are covered from the perspective of both Australian and international practice. The role of EIA as both a planning and management tool along with strategic environmental assessment and sustainability assessment are covered. The preparation and review of various EIA documents including environmental management programs are covered. The political nature of environmental decision-making is considered.

Workshops: 4 x 8 hours

Prerequisites: Enrolment in appropriate postgraduate course or BEnvSc or Bachelor of Marine Science.

Principles of Environmental Impact Assessment (ENV556)*As for ENV520 except:*

Credit Points: 3

MURDOCH: S1-internal, S1-external

Principles of Epidemiology (VET641)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This unit will provide students with the theoretical knowledge of epidemiology. It will cover disease frequency measurement and monitoring, risk factor analysis, and diagnostic test evaluation and interpretation.

Online discussions and workshops as required.

Prerequisites: Enrolment in Masters of Veterinary Studies in Veterinary Surveillance, Master of Veterinary Studies in Conservation Medicine or permission of the Academic Chair.

Principles of Finance and Banking (BUS140)

Credit Points: 3

DUBAI-ISC: TJD-internal, TSD-internal

This unit exposes students to the application of financial mathematics to various personal financial decisions including valuing debt, equity, and hybrid securities. In the process, characteristics of these securities are detailed and valuation incorporating the respective security's cash flows, time value of money and the associated risk are presented. The unit also addresses the principles of maximising shareholder wealth and firm value. The interplay between these principles is examined by consideration of information asymmetry between the different stakeholders.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Principles of Human Resources Management (BUS297)

Credit Points: 3

Not available this year

Principles of Information Systems (ICT107)

Credit Points: 3

DUBAI-ISC: TJD-internal, TSD-internal

This unit provides an introduction to the principles of information systems and informatics. The broad themes underpinning the information systems discipline are explored, including communication, representation, recording, problem solving, decision making, and systems theory; and the organisational and technical contexts essential for the design and development of information systems are covered. Tutorial and practical sessions complement the theory material.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: Nil.

Principles of Management (BUS145)

Credit Points: 3

MURDOCH: SUM-internal
DUBAI-ISC: TMD-internal

Introduction to the discipline and practice of management. Weekly workshops will emphasise generic skill development for research, writing and oral presentations. Exercises, feedback and discussion in a supportive group environment will emphasise techniques to develop individual skill acquisition. Weekly lectures will include topics such as business ethics, workplace and workforce of the new millennium, cross cultural management, motivation and psychological principles of learning. Upon completion students should have consolidated core skills, enhancing transition to second year management units.

Lectures: 1 hour per week; workshops: 2 hours per week.
Summer teaching period: 36 hours to be taught intensively over 4 weeks, for more information contact the Unit Coordinator.

Prerequisites: Nil.

Students should check start dates and times for summer teaching periods prior to start of the teaching semester.

Principles of Marketing (BUS169)

Credit Points: 3

DUBAI-ISC: TJD-internal, TSD-internal

This unit provides an appreciation of how marketing relates to business, society and government. As the base Marketing unit, it introduces students to the marketing organisation and planning process, marketing research and information gathering methods and some of the analysis tools marketers use. Unit topics include the marketing function, the marketing organisation, marketing information systems and buyer behaviour - offline and online. The unit describes the importance of marketing to the strategic planning of an organisation.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed C213/TOU213 Tourism Marketing or BUS183 Foundations of Marketing may not enrol in this unit for credit.

Principles of Mineral Processing (ENG324)

Credit Points: 3

Not available this year

Principles of Physics (PEN152)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This unit covers the principles of classical physics, which relate to engineering and metallurgy as well as physical, biological and health sciences. Content: motion in one and two dimensions, force, Newton's Laws, work, energy, momentum, non linear oscillatory and circular motion, heat, hydrostatics, flow rates, electricity, DC circuits, magnetism.

Lectures: 3 hours per week; workshops: 2 hours per week;
laboratories: 5 laboratories at 3 hours each.

Prerequisites: Concurrent enrolment in MAS182 Applied Mathematics or MAS161 Calculus and Matrix Algebra; plus a final scaled score of 60% or more in Physics 3A/3B or a pass in PEC120 General Physics.

Exclusions: Students may not enrol in this unit and PEC120 General Physics concurrently. Students who have successfully completed

PEC152 Principles of Physics may not enrol in this unit for credit.

Principles of Process Engineering (ENG241)

Credit Points: 4

MURDOCH: S1-internal

In this unit students learn about processes and process variables and variable measurement techniques. They will implement the knowledge gained in basic sciences to engineering applications through drawing flowcharts of a process, performing mass and energy balance calculations and applying these steps to industrial cases. Enhancement of problem solving skills is a major emphasis throughout this unit.

Lectures: 3 hours per week; workshops 1 hour per week

Prerequisites: MAS182 Applied Mathematics or MAS161 Calculus and Matrix Algebra; CHE140/PEC140 Introduction to Chemistry or CHE144/PEC144 Chemical Principles.

Exclusions: Students who have successfully completed G172/ENG172 Introduction to Process Analysis may not enrol in this unit for credit.

Principles of Process Engineering (ENG298)*As for ENG241 except:*

Credit Points: 3

Not available this year

Principles of Unit Operations (ENG224)*As for EXM224 except:*

Credit Points: 3

Not available this year

Principles of Unit Operations (EXM224)

Credit Points: 4

MURDOCH: S1-internal, S1-external

The general principles of unit operations which form the basis for mineral processing and extractive metallurgical plants. Focus: mass and energy balances, elementary fluid mechanics and aspects of mass, energy and momentum transfer relevant to the above industries. Topics: mass and energy balance, fluid flow phenomena, basic equations of flow, transportation and metering of fluids, agitation and mixing of liquids and pulps, principles of diffusion and mass transfer in liquids, pulps and between phases, heat transfer processes.

Lectures/tutorials: 4 hours per week; laboratories: 2.5 hours per week.

External: Internet access and compulsory 5-day on-campus laboratory and workshop session. Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: MAS182 Applied Mathematics or MAS161 Calculus and Matrix Algebra; PEC/PEN152 Principles of Physics or high school physics; OR Enrolment in G1034 Graduate Diploma in Extractive Metallurgy.

Exclusions: Students who have successfully completed ENG277 Process Engineering may not complete this unit for credit.



Probability and Statistical Inference (MAS222)*As for MAS278 except:*

Credit Points: 3

Not available this year

Probability and Statistical Inference (MAS278)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit introduces theory for estimation and statistical inference in applied problems involving variation or uncertainty, focusing particularly on basic distribution theory and likelihood methods. Routine statistical methods such as one and two sample tests for means and proportions are derived and justified using this theory. The unit also introduces students to the derivation and implementation of new statistical methods using computer software packages to illustrate the flexibility of likelihood theory.

Lectures/workshops/tutorials: 4 hours per week.

Prerequisites: MAS180 Introduction to Statistics OR MAS183 Statistical Data Analysis OR MAS284 Applied Statistics and Process Management OR MAS230 Biostatistical Methods. In addition, students must have a calculus background equivalent to at least MAS182 Applied Mathematics.

Process Control Engineering I (ENG304)

Credit Points: 4

MURDOCH: S1-internal

This unit develops skills and practical experience in the control of process oriented systems. Specific topics include process models; high order, inverse response, time-delay and non-linear systems and control; disturbances, variable operating conditions; frequency response; theoretical process modelling; process identification; complex control structures, feedback, feed-forward and cascade systems; internal model control. Simulink, MATLAB and LabVIEW are used extensively in problem solving, simulations and measurement/control.

Lectures: 2 hours per week; workshops: 2 hours per week; laboratories: 4 hours per week.

Prerequisites: Medical Engineering students: ENG267 Control Systems and Process Dynamics.
For students not studying Medical Engineering: ENG267 Control Systems and Process Dynamics; ENG241 Principles of Process Engineering.

Process Control Engineering I (ENG309)*As for ENG304 except:*

Credit Points: 3

Not available this year

Process Control Engineering II (ENG322)*As for ENG346 except:*

Credit Points: 3

Not available this year

Process Control Engineering II (ENG346)

Credit Points: 4

MURDOCH: S2-internal

The unit further examines different types of conventional controllers introduced in previous control units. Advanced concepts introduced in this unit include: total plant control design, optimisation of the operation of plants, supervisory control and Generic Model Control and Fuzzy Control Design. Computer-aided design and simulation followed by real-time implementation are extensively exercised in this unit.

Lectures and workshops: 4 hours per week; laboratories: 3 hours per week.

Prerequisites: ENG241 Principles of Process Engineering; ENG267 Control Systems and Process Dynamics.

Process Engineering (ENG303)

Credit Points: 4

MURDOCH: S1-internal

This unit provides the necessary preparation to apply engineering concepts to the operation of a process plant. Students will gain an understanding of a number of process equipment, and fundamentals of process operations including mass transfer, heat transfer, chemical reaction and fluid dynamics. Teamwork and the use of technology tools to enhance process analysis capabilities are emphasised throughout this unit.

Lectures and workshops: 4 hours per week. Laboratories: 3 hours per week.

Prerequisites: ENG241 Principles of Process Engineering OR ENG172 Introduction to Process Analysis OR EXM224 Principles of Unit Operations.

Process Mineralogy (CHE256)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit draws upon principles of structural and chemical crystallography, and phase chemistry to develop a systematic study of minerals and materials as an introduction to process mineralogy. The mineralogy of the principal ores is illustrated and discussed. Practical work provides opportunities to develop skills in the techniques of mineral identification and analysis, information access and communication.

Lectures: 3 hours per week; laboratories/workshops: up to 4 hours per week.

External: Internet access and compulsory 5 day on-campus laboratory session. Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to commencement of the teaching period.

Prerequisites: CHE130 Introduction to Earth Sciences or equivalent, or approval of the Unit Coordinator, or enrolment in G1034 Graduate Diploma in Extractive Metallurgy.

Process Systems Engineering (ENG446)

Credit Points: 3

Not available this year

Processes in Animal Disease (VET340)

Credit Points: 4

MURDOCH: S1-internal

This unit examines the fundamental processes of disease that are manifest by higher vertebrates, such as vascular disturbances, inflammation, necrosis and diseases of abnormal DNA processing. Students learn practical macroscopic and microscopic interpretation skills using case studies from the School's diagnostic pathology service. The relationships between gross change, histological change, the underlying pathological process and its implications for treatment and prognosis are emphasised. Clinical material will form the basis for problem-oriented learning and developing skills in scientific communication.

Lectures: 3 hours per week; gross and histopathology workshops: 2 hours per week; seminars: 1 hour per week.

Prerequisites: Enrolment in Veterinary Biology; VET212 Veterinary Anatomy II or VET240 Veterinary Anatomy; VET108 Topics in Comparative Mammalian Anatomy or VET240 Veterinary Anatomy I; VET244 Veterinary Physiology I; VET243 Veterinary Physiology II; VET241 Veterinary Biochemistry.

Processes in Animal Disease (VET375)*As for VET340 except:*

Credit Points: 3

Not available this year

Processes in Human Disease (CHI301)

Credit Points: 4

MURDOCH: S1-internal

This unit provides an understanding of the mechanisms by which disease is produced. Pathological processes include thrombosis, cardiovascular disturbances, inflammation, cell and tissue death, and diseases of abnormal DNA processing such as neoplasia and inherited conditions. The workshops illustrate the gross and microscopic appearances of these processes to help develop understanding. The unit aims to empower you with the knowledge to understand new developments in disease and to be able to communicate with other health professionals regarding pathology matters.

Lectures: 3 hours per week; histopathology workshops: 2 hours per week; concept-mapping and review workshops: 1 hour per week.

Prerequisites: Enrolment in Chiropractic and successful completion of first and second year of study in Chiropractic.

Production Animal, Public Health, Pathology (Anatomic and Clinical) Core Clinical Rotation (VET587)

Credit Points: 3

MURDOCH: YM-internal

This unit covers the application and practice of: production animal health and management; veterinary public health (the prevention and control of animal and human diseases to promote good health); anatomic pathology (clinical diagnosis and investigation of lesions in gross and histopathological mammalian and avian specimens) and clinical pathology (converting laboratory data into clinically useful information to identify pathological changes in a patient).

Contact time 6 weeks. Students are taught in small groups and the unit is repeated throughout the year.

Prerequisites: VET419, VET451, VET452, VET453, VET454, VET455, VET457, VET458 and VET463.

Professional and Action Learning Project (EDN570)

Credit Points: 6

MURDOCH: S2-external

This unit is designed for teaching professionals in a range of contexts, including primary or tertiary institutions, workplaces and organisations. It requires the development, implementation and evaluation of a self-directed learning project based on action learning methodology, which addresses issues or problems within a specific teaching context. The project aims to improve and develop the student's teaching skills. The project offers an opportunity for theoretical perspectives to be translated and critiqued within a teaching context.

No classes but students are strongly encouraged to attend on-campus meetings conducted during the semester.

Prerequisites: Enrolment in Graduate Certificate in Gifted and Talented Education, Graduate Certificate and Graduate Diploma in Tertiary and Adult Education, Master of Education, or Master of Education Studies.

This unit cannot be completed without access to a teaching group for a minimum of 30 hours, usually over an extended period while enrolled in this unit. Students are responsible for arranging access to a suitable group for their action research project. This unit should be taken in the final semester or year of enrolment.

Professional Craft Development (SCR312)

Credit Points: 3

Not available this year

This unit is designed as a precursor to the capstone unit: Advanced Screen Production. Its focus is to extend the practical and creative skills developed in earlier screen production units by completing focussed, advanced exercises in craft specific tutorials. These tutorials are often designed and run by industry professionals. Each student will choose a module from a range of screen production crew roles, such as editing, cinematography, sound, and others as initiated by the Unit Coordinator.

Prerequisites: MCC201 Professional Development in Screen Production if enrolled in Screen Production major; OR MCC267 Photo and Video Journalism if enrolled in Photography minor; OR MCC244 Radio Presenting and Producing if enrolled in Radio major; OR MCC214 Sound Production if enrolled in Sound major; OR completion of PHO124 Photography 1 and PHO203 Photography 2 if enrolled in the Photography major. Permission of the Unit Coordinator is required for enrolment.

Exclusions: Students who have successfully completed MCC312 may not enrol in this unit for credit.

Professional Development (SCR222)*As for MCC201 except:*

Credit Points: 3

Not available this year

This unit is not subject to quota.

Professional Development in Screen Production (MCC201)

Credit Points: 4

MURDOCH: S2-internal (quota of 80 places)
DUBAI-ISC: TMD-internal

This unit is a guided creation and development process for students who wish to make traditional drama and documentary productions. It will support the conceptualisation and preparation of films for their final year unit: Advanced Screen Production. The main areas

of attention within this process are storytelling, directing, and producing. A thorough knowledge of the workings of these is vital for any student wishing to enter the screen production industry.

Lectures: none; workshops: 3 hours per week.

Prerequisites: MCC226 Screen and Sound Production II (or MED226 Screen and Sound Production II or MED226 Screen Production II).

This unit is subject to quota. Quota is due to space and equipment constraints and the supervision demands of a production environment. Preference will be given to students in Screen Production (BMedia).

Professional Development Portfolio (EDN518)

As for EDU618 except:

Credit Points: 3

MURDOCH: S1-external

Professional Development Portfolio (EDU618)

Credit Points: 4

DUBAI-ISC: TMD-internal

This unit is designed to enable professionals working in a variety of educational, community or business settings to develop a professional learning portfolio. The purpose of the portfolio may include: (1) building upon previous or current professional development work; (2) documenting evidence of professional learning for registration, promotion, etc; or (3) documenting the practice of an IB-experienced teacher. Participants reflect in a structured way on how they have extended their understanding through these professional activities or practices.

External online OR internal with intensive campus-based seminars.

Prerequisites: Enrolment in an education course and participation in a substantial professional development program in recent years, or permission of the Unit Coordinator.

Professional Experience in Early Learning Centres (EDN539)

Credit Points: 3

MURDOCH: ST2-placement, ST4-placement

ROCKINGHAM: ST2-placement, ST4-placement

Students will complete a supervised professional experience in an Early Learning Centre. This experience will give students the opportunity to develop further expertise in a professional context of their choice.

6 weeks full-time or 10 weeks part-time (3 days per week).

Prerequisites: Enrolment in the Graduate Certificate in Early Childhood Education and Care or Graduate Diploma in Early Childhood Education and Care.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit. Students must lodge a MUSE Placement Form by the due date to the MUSE Office to activate and guarantee a Long Daycare Centre placement. All students must have Internet access to LMS and SONIA Placement system
<http://myplacement.murdoch.edu.au/soniaeducation>

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students in the BEd (Secondary), BEd (Primary), GradDipEd (Secondary) or GradDipEd (Primary) should not enrol in this unit.

Professional Experience Primary (EDN3100)

Credit Points: 2

MURDOCH: ST2-placement

ROCKINGHAM: ST2-placement

This unit is a two-week school placement which would typically occur in the third year of study in a Bachelor of Education or Bachelor of Education Graduate course. The 10-day placement provides opportunities for pre-service teachers to strengthen the nexus between theory and practice under the guidance of a Murdoch Supervisor. The AITSL standards frame the unit outcomes and expectations.

10 days of school experience placement.

Prerequisites: Students should have successfully completed EDN2100 Professional Experience: BEd Primary. Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children Check (WWC) on file in the Murdoch University Professional Experience Office prior to commencement of this unit.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students who have successfully completed EDU3153 School Experience: Primary BEd should not enrol in this unit.

Professional Experience Program (Crime Scene Investigation) (BIO327)

Credit Points: 4

Not available this year

Provides Forensic Biology and Toxicology majors with practical experience in crime scene investigation with the Western Australian Police (WAPOL). It includes one week of intensive training in crime scene analysis followed by three weeks of full-time attendance at a Police Division. This involves participation in actual crime cases and project work as directed by the WAPOL supervisor. Students are required to maintain a journal of cases attended and are subjected to workplace assessment by the WAPOL supervisor.

40 hours per week for 4 weeks.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: Participation is by invitation; enrolment in the Forensic Biology and Toxicology major; completion of all Part I requirements and at least 36 points at Part II; current certificates of vaccination for Hepatitis B and Tetanus. A Police security clearance will be undertaken and participants must submit themselves to psychological profiling.

Selection into the unit is by a panel consisting of Murdoch University personnel and officers from the Western Australian Police Forensic Division.

Professional Experience Project (CHI676)

Credit Points: 12

MURDOCH: H-external, S1-external, S2-external, Y-external

This unit is designed to apply the knowledge you have gained in sports science directly to an experience project. The student will develop their own personalised project which may be with a team or at an event or equivalent experience. Recording and reflection of this experience will be developed in this unit.

External: No attendance required.

Prerequisites: Completion of Chiropractic Degree or equivalent. Enrolment into the MSc in Sports Science including completion of 24 points of postgraduate work such as the Postgraduate

Certificate/Diploma in Neuromusculoskeletal Rehabilitation or the Postgraduate Diploma in Sports Chiropractic, or their equivalents.

Professional Experience Project (CHI6761)

As for CHI676 except:

Credit Points: 8

MURDOCH: H-external, Y-external

Prerequisites: Completion of Chiropractic Degree or equivalent. Enrolment into the MSc in Sports Science including completion of 24 points of postgraduate work such as the Postgraduate Certificate/Diploma in Neuromusculoskeletal Rehabilitation or the Postgraduate Diploma in Sports Chiropractic, or their equivalents.

Professional Experience: BEd Primary (EDN2100)

Credit Points: 2

MURDOCH: ST4-placement

ROCKINGHAM: ST4-placement

This unit is a two-week placement in a school which would typically occur in the second year of study in a Bachelor of Education. The 10-day experience enables students to contextualise theory under the guidance of a University Supervisor. The AITSL standards frame the unit outcomes and expectations. Students must be currently enrolled in or have successfully completed the relevant curriculum unit to be eligible for a placement in schools.

2 weeks full-time block placement.

Prerequisites: Enrolment in BEd (Primary), BEd (Early Childhood and Primary), BEd (Primary, Years 1 to 10 Health and Physical Education), BEd/BA (Australian Indigenous Studies), BEd (Secondary) BEd Primary Graduate (Two Years). Successful completion of EDN111 Language for Learning and Teaching; EDN112 Understanding Teachers' Work or EDU101/EDU1011 Introduction to Teaching; EDN221 Learning, Teaching and Assessment 1; and concurrent enrolment in or completion of EDN223 Teaching English and Literacy in Primary Schools.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students enrolled in the GradDipEd (Primary) or GradDipEd (Secondary) should not enrol in this unit.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children Check (WWC) on file in the School Experience Office prior to commencement of this unit.

Students must lodge a Placement Form by the due date to the Office to activate and guarantee a school placement. All students must have Internet access to LMS and SONIA Placement system <http://myplacement.murdoch.edu.au/soniaeducation>. Students enrolled internally and externally MUST complete this school experience in the Perth metropolitan area. Students who fail this unit must gain permission from the Academic Chair to progress. EDN223 English field work Semester 1 is linked to this placement.

Professional Experience: BEd Secondary (EDN2101)

Credit Points: 2

MURDOCH: ST4-placement

This is an opportunity for students to build on their developing theoretical and practical understandings of the teaching/learning context of secondary schools and classrooms. They will be required to undertake an action learning project in the school where they are placed and attend pre- and post-school experience meetings.

Students undertake a total of ten days School Experience distributed over the first five weeks of school term 4.

Prerequisites: Completion of EDN221 Learning, Teaching and

Assessment 1 and concurrent enrolment in or completion of EDN222 Learning, Teaching and Assessment 2.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children Check (WWC) on file in the School Experience Office prior to commencement of this unit. Students must lodge a Placement Form by the due date to the Office to activate and guarantee a school placement. All students must have Internet access to LMS and SONIA Placement system <http://myplacement.murdoch.edu.au/soniaeducation>

Professional Experience: BEd Secondary (EDN3101)

Credit Points: 2

MURDOCH: ST1-placement

This unit is a full-time 10-day placement in a school that is undertaken in the students' minor curriculum area. This professional experience enables students to contextualise theory under the guidance of a University Supervisor. The AITSL standards frame the unit outcomes and expectations. Students must be currently enrolled in or have successfully completed the relevant curriculum unit to be eligible for this placement in schools. Placements in this unit must be undertaken in the Perth metropolitan area.

10 days full-time block placement in the Perth metro area.

Prerequisites: Enrolment in a teacher education course [BEd (Secondary) or BEd (Secondary) (Graduate)]. Successful completion of EDN112/EDN1121 Understanding Teachers' Work or EDU101/E101/EDU1011/E1011 Introduction to Teaching and enrolment in or successful completion of relevant minor curriculum unit. Students enrolled in the Graduate Diploma of Education (Secondary) should not enrol in this unit.

A result of Ungraded Pass or Fail is awarded for this unit.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children Check (WWC) on file in the School Experience Office prior to commencement of this unit.

Students must lodge a Placement Form by the due date to the Professional Experience Office to activate and guarantee a school placement. All students must have Internet access to LMS and SONIA Placement system <http://myplacement.murdoch.edu.au/soniaeducation>.

Professional Experience: BEd Secondary (EDN4101)

Credit Points: 2

MURDOCH: ST1-placement

This unit is a full-time 10-day placement in a school that is undertaken in the students' major curriculum area. This professional experience enables students to contextualise theory under the guidance of a University Supervisor. The AITSL standards frame the unit outcomes and expectations. Students must be currently enrolled in or have successfully completed the relevant major curriculum unit to be eligible for this placement in schools.

10 days full-time block placement.

Prerequisites: Enrolment in a Bachelor of Education (Secondary) course and successful completion of EDU101/EDU1011 Introduction to Teaching or EDN112/EDN1121 Understanding Teachers' Work as well as successful completion of EDU3163 School Experience: Secondary BEd or EDN3101 plus successful completion or concurrent enrolment in relevant curriculum major unit. Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement



of this unit.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students in the GradDipEd (Secondary) should not enrol in this unit.

Professional Experience: BEd Secondary (HPE) (EDN4103)

As for EDN4101 except:

Credit Points: 2

MURDOCH: ST1-placement

Prerequisites: Enrolment in Education (BEd) [Primary, 1-10 Health and Physical Education] and successful completion of EDU101/EDU1011 Introduction to Teaching or EDN112/EDN1121 Understanding Teachers' Work as well as successful completion of EDU3163 School Experience: Secondary BEd or EDN3101 plus successful completion or concurrent enrolment in relevant curriculum unit EDN419.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit.

A result of Ungraded Pass or Fail is awarded for this unit.

Professional Experience: BEd Secondary HPE (EDN2102)

Credit Points: 2

ROCKINGHAM: ST4-placement

This is an opportunity for students to build on their developing theoretical and practical understandings of the teaching/learning context of secondary schools and classrooms. They will be required to write and submit their action learning project in the school where they are placed and attend two pre- and one post-school experience meetings..

Students undertake School Experience - a block placement in ST4.

Prerequisites: EDN221 Learning, Teaching and Assessment 1, EDN222 Learning, Teaching and Assessment 2, EDN3191 Sport Education, EDN226 Teaching Health and Physical Education in Primary Schools.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: EDN2101 Professional Experience: BEd Secondary.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children Check (W/C) on file in the School Experience Office prior to commencement of this unit. Students must lodge a Placement Form by the due date to the Office to activate and guarantee a school placement. All students must have Internet access to LMS and SONIA Placement system
<http://myplacement.murdoch.edu.au/soniaeducation>

Professional Experience: English in Practice (EDN2104)

Credit Points: 3

Not available this year

Professional Experience: Mathematics in Practice (EDN3102)

Credit Points: 3

Not available this year

Professional Experience: Postgraduate (EDN5100)

Credit Points: 3

MURDOCH: ST2-placement, ST3-placement

Students will complete a supervised professional experience in a school. This experience will give students the opportunity to develop further expertise in a professional context of their choice.

6 weeks full-time or 10 weeks part-time (3 days per week).

Prerequisites: Enrolment in the last semester of Graduate Diploma of Education Studies or Graduate Certificate in Inclusive Education or Graduate Certificate in Early Childhood Education or Graduate Diploma in Early Childhood Education and Care or Early Childhood Education courses.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School of Education Professional Experience office prior to commencing this unit.

Exclusions: Students in the BEd (Secondary), BEd (Primary), GradDipEd (Secondary) or GradDipEd (Primary) course should not enrol in this unit.

Professional Experience: Primary Graduate (EDN2154)

Credit Points: 2

MURDOCH: ST2-placement

This unit is a 10-day block placement in a school which typically would occur in the first semester of study in a Graduate Diploma Primary program. The 10-day experience is an opportunity to link theory and practice in a classroom context under guidance of a University Supervisor. The AITSL standards frame the unit outcomes and expectations. Students must be currently enrolled or have successfully completed the English and Mathematics curriculum units to be eligible for placement in schools.

10 days full-time block placement in a school.

Prerequisites: Enrolment in a GradDipEd (Primary); successful completion of EDN1121 Understanding Teachers' Work or EDU101//EDU1011 Introduction to Teaching. Concurrent enrolment or completed EDN2231 or EDN3331.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the School Experience Office prior to commencement of this unit. Students must lodge a Placement Form by the due date to the Office to activate and guarantee a school placement. All students must have Internet access to LMS and SONIA Placement system
<http://myplacement.murdoch.edu.au/soniaeducation>

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students in the BEd (Primary) should not enrol in this unit, but rather in EDN2100 School Experience: Primary BEd, EDN3100 School Experience: Primary BEd as recommended in the course structure.

Students enrolled in this unit externally MUST COMPLETE THIS UNIT IN THE PERTH METROPOLITAN AREA under the supervision of a Murdoch Supervisor. Non-metro students are required to complete this 2 week placement in Perth. EDN 225/6 1 week

intensive course is offered directly after this placement so that only one trip to Perth is required for non-metro students. Students who fail this unit must gain permission from the Academic Chair to progress

Professional Experience: Programming Across the Curriculum (EDN4100)

Credit Points: 3

Not available this year

Professional Experience: Secondary Graduate Diploma (EDN2161)

Credit Points: 2

MURDOCH: ST2-placement
ROCKINGHAM: ST2-placement

Students undertake a 10-day block of school-based experience in their minor curriculum area. This is an opportunity to try a variety of techniques and approaches in a classroom context under the guidance of a Murdoch University Supervisor. Students must complete this school experience in the Perth metropolitan area.

10 days full-time block placement in a school.

Prerequisites: Enrolment in Graduate Diploma of Education (Secondary) course; successful completion of EDN112/EDN1121 Understanding Teachers' Work or EDU101/EDU1011 Introduction to Teaching. Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University Professional Experience Office prior to commencement of this unit.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students in the BEd(Secondary) course should not enrol in this unit but rather in either EDUN3101 School Experience: Secondary BEd as recommended in the course structure.

Students are required to enrol concurrently in their minor curriculum unit. Students must have a current Department of Education National Criminal History Record Check and a Working with Children Check (WWC) on file in the School Experience Office prior to commencement of this unit.

Students must lodge a Placement Form by the due date to the Professional Experience Office to activate and guarantee a school placement. Students must have Internet access to LMS and SONIA Placement system

<http://myplacement.murdoch.edu.au/soniaeducation>

Check Education Calendar for teaching periods at:

http://www.education.murdoch.edu.au/educ_calendar.html

Professional Internship in Business (BUS358)

Credit Points: 10

MURDOCH: S1-placement, S2-placement
ROCKINGHAM: S1-placement, S2-placement

This unit gives students the opportunity to consolidate their theoretical knowledge and develop their professional competence in the workplace. The learning experience takes place primarily outside the classroom with students having the opportunity to participate in real world business experiences related to their studies, supported by a business school academic supervisor and a workplace supervisor. Students who have completed the practicum unit will gain valuable Australian business experience which is likely to enhance their employability and prospects for promotion.

Workshops: up to 6 x 1-hour sessions during the semester in addition to work-based placement.

Prerequisites: Nil.

This unit should be studied in the final semester.

Professional Internship Prelim: Prim BEd/Inclusive Ed (EDU383)

Credit Points: 2

MURDOCH: ST1-placement, ST3-placement
ROCKINGHAM: ST1-placement, ST3-placement

Students undertake a supervised two-week block of school-based placement with a focus on children with special needs in the school in which they will complete their Professional Internship. Students must successfully complete this preliminary component in order to proceed to EDU384 Professional Internship: Primary BEd/Inclusive Ed.

Two weeks full time.

Prerequisites: Enrolment in the final semester of a Bachelor of Education (Primary) course AND Inclusive Education. Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit. Students must lodge a MUSE Placement Form by the due date with the MUSE Office to guarantee a school placement.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: BEd (Primary) students who are not enrolled in Inclusive Education.

Enrolment in the relevant Professional Internship unit (EDU384) in the same semester will be expected.

Professional Internship Prelim: Primary BEd/ECE (EDU379)

Credit Points: 2

MURDOCH: ST1-placement, ST3-placement
ROCKINGHAM: ST1-placement, ST3-placement

Students undertake a supervised two-week block of school-based placement in an early childhood setting in the school in which they will complete their Professional Internship. Students must successfully complete this preliminary component in order to proceed to EDU381 Professional Internship Primary BEd/ECE.

Two weeks full time.

Prerequisites: Enrolment in the final semester of a Bachelor of Education (Early Childhood and Primary) OR Bachelor of Education (Primary) course and Early Childhood minor.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit. Students must lodge a MUSE Placement Form by the due date with the MUSE Office to guarantee a school placement.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: BEd (Primary) students who are not enrolled in Early Childhood.

Enrolment in the relevant Professional Internship unit (EDU381) in the same semester will be expected.

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Professional Internship Prelim: Primary GradDipEd (EDU291)

Credit Points: 2

MURDOCH: ST1-placement, ST3-placement

Students undertake a supervised two-week block of school-based placement in the school in which they will complete their Professional Internship.

2 weeks full time.

Prerequisites: Enrolment in the final semester of a Graduate Diploma in Education (Primary) course. Students will be required to have successfully completed all the required units.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit. Students must lodge a MUSE Placement Form by the due date with the MUSE Office to guarantee a school placement.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students enrolled in the Bachelor of Education (Primary) should not enrol in this unit, but rather EDU377 Professional Internship Preliminary: Primary BEd.

Students will be required to have successfully completed all the required units. Enrolment in the relevant Professional Internship unit (EDU292) in the same semester will be expected.

Professional Internship Prelim: Secondary BEd (EDU387)

Credit Points: 2

MURDOCH: ST1-placement, ST3-placement

Students undertake a supervised two-week block of school-based placement in the school in which they will complete their Professional Internship.

2 weeks full time.

Prerequisites: Enrolment in the final semester of a Bachelor of Education (Secondary) OR Bachelor of Education (Secondary)(Graduate) course. Students will be required to have successfully completed all the required units.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students in the GradDipEd(Secondary) should not enrol in this unit but in EDU293 Professional Internship Prelim: Secondary GradDipEd.

Enrolment in the relevant Professional Internship unit (EDU389) in the same semester will be expected.

Professional Internship Prelim: Secondary GradDipEd (EDU293)

Credit Points: 2

MURDOCH: ST1-placement, ST3-placement

ROCKINGHAM: ST3-placement

Students undertake a supervised two-week block of school-based placement in the school in which they will complete their Professional Internship. Students must successfully complete this preliminary component in order to proceed to EDU297 Professional

Internship.

2 weeks full-time.

Prerequisites: Enrolment in the final semester of a Graduate Diploma in Education (Secondary) course. Students will be required to have successfully completed all the required units.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students in the BEd (Secondary) should not enrol in this unit, but rather in EDU387 Professional Internship Prelim: Secondary BEd.

Enrolment in the relevant Professional Internship unit (EDU297) in the same semester will be expected.

Professional Internship Preliminary: Primary BEd (EDU377)

Credit Points: 2

MURDOCH: ST1-placement, ST3-placement

ROCKINGHAM: ST1-placement, ST3-placement

Students undertake a supervised two-week block of school-based placement in the school in which they will complete their Professional Internship. Students must successfully complete this preliminary component in order to proceed to EDU378 Professional Internship.

2 weeks full-time.

Prerequisites: Enrolment in the final semester of a Bachelor of Education (Primary) course OR Bachelor of Education (Primary) (Graduate).

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit. Students must lodge a MUSE Placement Form by the due date with the MUSE Office to guarantee a school placement.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students in the GradDipEd (Primary) should not enrol in this unit, but rather EDU291 Professional Internship Preliminary: Primary GradDipEd.

Enrolment in the relevant Professional Internship unit (EDU378) in the same semester will be expected.

Professional Internship: Graduate (EDN4102)

Credit Points: 4

Not available this year

Professional Internship: Preliminary Primary Teaching (EDN4302)

Credit Points: 3

Not available this year

Professional Internship: Preliminary Secondary Teaching (EDN4303)

Credit Points: 3

Not available this year

Professional Internship: Primary BEd (EDU378)

Credit Points: 6

MURDOCH: ST2-external, ST3-internal, ST3-external
ROCKINGHAM: ST2-external, ST3-internal, ST3-external

This unit gives students the opportunity to consolidate their theoretical knowledge and develop a high level of professional competence. It aims to nurture the development of the reflective practitioner and establish a foundation for confronting the issues associated with the professional responsibilities of being a teacher.

Two weeks on campus (internal enrolment only); six weeks of school placement; two weeks on campus (internal enrolment only). External students can do the on-campus components externally.

Prerequisites: Enrolment in the final semester of a Bachelor of Education (Primary) OR Bachelor of Education (Primary) (Graduate) course.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit. Students must lodge a MUSE Placement Form by the due date with the MUSE Office to guarantee a school placement.

Students will be required to have successfully completed all the required units. Completion of the relevant Professional Internship Preliminary unit (EDU377) in the same semester will be expected.

Professional Internship: Primary BEd/ECE (EDU381)

Credit Points: 6

MURDOCH: ST2-external, ST3-internal, ST3-external
ROCKINGHAM: ST2-external, ST3-internal, ST3-external

This unit gives students the opportunity to consolidate their theoretical knowledge and develop a high level of professional competence in an early childhood setting. It aims to nurture the development of the reflective practitioner and establish a foundation for confronting the issues associated with the professional responsibilities of being a teacher.

Two weeks on campus (internal enrolment only); six weeks in a school-based early childhood setting; two weeks on campus (internal enrolment only).

Prerequisites: Enrolment in the final semester of a Bachelor of Education (Early Childhood and Primary) OR Bachelor of Education (Primary) and Early Childhood minor. Students will be required to have successfully completed all the required units.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit. Students must lodge a MUSE Placement Form by the due date with the MUSE Office to guarantee a school placement.

Exclusions: BEd (Primary) students who are not enrolled in Early Childhood Education.

Completion of the relevant Professional Internship Preliminary unit (EDU379) in the same semester will be expected.

Professional Internship: Primary BEd/Inclusive Ed (EDU384)

Credit Points: 6

MURDOCH: ST2-external, ST3-internal, ST3-external
ROCKINGHAM: ST2-external, ST3-internal, ST3-external

This unit gives students the opportunity to consolidate their theoretical understandings and develops a high level of professional competence. It aims to nurture development of the reflective practitioner and establish a foundation for confronting issues associated with the professional responsibilities of being a teacher.

Two weeks on campus (internal enrolment only); six weeks of school placement with a focus on children with special needs; two weeks on campus (internal enrolment only).

Prerequisites: Enrolment in the final semester of a Bachelor of Education (Primary) and Special Needs.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit. Students must lodge a MUSE Placement Form by the due date with the MUSE Office to guarantee a school placement.

Exclusions: BEd (Primary) students who are not enrolled in Inclusive Education minor.

Students will be required to have successfully completed all the required units. Completion of the relevant Professional Internship Preliminary unit (EDU383) in the same semester will be expected.

Professional Internship: Primary GradDipEd (EDU292)

Credit Points: 4

MURDOCH: ST2-external, ST3-internal, ST3-external

This unit gives students the opportunity to consolidate their theoretical understanding and develop a high level of professional competence. It aims to nurture the development of the reflective practitioner and establish a foundation for confronting the issues associated with the professional responsibilities of being a teacher.

Two weeks on campus (internal enrolment only); six weeks of school placement; two weeks on campus (internal enrolment only). External students can do the on-campus components externally.

Prerequisites: Enrolment in the final semester of a Graduate Diploma in Education (Primary). Students will be required to have successfully completed all the required curriculum and school experience units.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit. Students must lodge a MUSE Placement Form by the due date with the MUSE Office to guarantee a school placement.

Exclusions: Students in the BEd (Primary) should not enrol in this unit, but rather in the 6-point version EDU378 Professional Internship: Primary BEd.

Completion of the relevant Professional Internship Preliminary unit (EDU291) in the same semester will be expected.

Professional Internship: Primary Teaching (EDN4300)

Credit Points: 6

Not available this year

Professional Internship: Secondary BEd (EDU389)

Credit Points: 6

MURDOCH: ST2-external, ST3-internal, ST3-external

This unit gives students the opportunity to consolidate their theoretical knowledge and develop a high level of professional competence. It aims to nurture the development of the reflective practitioner and establish a foundation for confronting the issues associated with the professional responsibilities of being a teacher.

Two weeks on campus (internal enrolment only); six weeks of school placement; two weeks on campus (internal enrolment only).

Prerequisites: Enrolment in the final semester of a Bachelor of Education (Secondary) OR Bachelor of Education (Secondary) (Graduate) and successful completion of, or concurrent enrolment in, Professional Internship: Preliminary. Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit.

Exclusions: Students in the GradDipEd (Secondary) should not enrol in this unit, but rather in the 4-point version EDU297 Professional Internship: Secondary GradDipEd.

Completion of the relevant Professional Internship Preliminary unit (EDU387) in the same semester will be expected.

Professional Internship: Secondary GradDipEd (EDU297)

Credit Points: 4

MURDOCH: ST2-external, ST3-internal, ST3-external
ROCKINGHAM: ST3-external

This unit gives students the opportunity to consolidate their theoretical understanding and develop a high level of professional competence. It aims to nurture the development of the reflective practitioner and establish a foundation for confronting the issues associated with the professional responsibilities of being a teacher.

Two weeks on campus (internal enrolment only); six weeks of school placement; two weeks on campus (internal enrolment only).

Prerequisites: Enrolment in the final semester of a Graduate Diploma in Education (Secondary). Students will be required to have successfully completed all the required curriculum and school experience units.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit.

Exclusions: Students in the BEd (Secondary) should not enrol in this unit, but rather in the 6-point unit, EDU389 Professional Internship: Secondary BEd.

Completion of the relevant Professional Internship Preliminary unit (EDU293) in the same semester will be expected.

Professional Internship: Secondary Teaching (EDN4301)

Credit Points: 6

Not available this year

Professional Issues for Teachers (EDN444)

Credit Points: 2

Not available this year

Professional Issues in Nursing Practice (NUR365)

Credit Points: 3

PEEL: S2N-internal

This unit is the second of the two units that focus on professional matters underpinning contemporary nursing practice. The broader context of State, National and International issues that affect the nursing profession will be presented and students offered opportunity to explore the nursing responsibilities that are major factors in ensuring quality and safety of healthcare. Emphasis on the evolution from student nurse to registered nurse will be made.

12 one hour lectures and 12 two hour workshops delivered across 3 intensive one week periods in semester 2

Prerequisites: Must have successfully completed the previous 5 semesters of core Nursing units.

Co-requisite: NUR366 Clinical Practice 5 and NUR367 Clinical Practice 6.

Exclusions: Students who have successfully completed NUR309 Contemporary Nursing Management in Health Care, NUR336 Transitional and Leadership in the Nursing Profession and NUR398 Clinical Practice Transition Options may not enrol in this unit for credit.

Students who have only successfully completed some of these units should contact the Academic Chair.

Students are required to enrol full-time in the final semester of third year in NUR366 Clinical Practice 5, NUR367 Clinical Practice 6 and NUR365 Professional Issues in Nursing Practice.

Professional Placement (ART325)*As for MCC325 except:*

Credit Points: 3

Not available this year

Professional Placement (MCC325)

Credit Points: 4

MURDOCH: S1-placement, S2-placement, SUM-placement, W-placement

The aim of this unit is to give selected final year students on-the-job industry experience to provide a practical bridge from university into the workplace. Industry placements in metropolitan or regional centres will be full time across four weeks (or part-time equivalent). During this time students are required to demonstrate a range of skills relevant to their vocational specialisation.

Consultations with Unit Coordinator.

Prerequisites: Permission of the Academic Chair.

Professional Placement in Media Production (MCC625)

Credit Points: 3

MURDOCH: S1-placement, S2-placement, SUM-placement, W-placement

The aim of this unit is to give selected students on-the-job industry experience to provide a practical bridge from university into the workplace. Industry placements in metropolitan or regional centres will be full time across four weeks (or part-time equivalent). During this time students are required to demonstrate a range of skills relevant to their vocational specialisation.

Consultations with Unit Coordinator.

Prerequisites: Permission of the Academic Chair.

Professional Practice and Organisational Consulting (PSY563)

Credit Points: 3

MURDOCH: S1-external

This unit will focus on professional, practical and methodological issues related to the practice of organisational psychology, including: ethical and legal issues; cultural and ethnic issues; consulting skills; building and running a private practice; working with data in organisations; service evaluation; record keeping, report writing and accountability.

Online discussions with minimum contribution requirements.

Prerequisites: Enrolment in Pg or GCertOHRs or Pg or GDipConsultPsych or MAppPsych or DPsych or MAppPsych/PhD or, for other Masters students, permission of the Unit Coordinator.

This unit was previously PSY575/S575 Professional Practice Issues.

Professional Practice Management (CHI519)

Credit Points: 2

MURDOCH: T1-internal

This unit introduces the aspects of practice management, exploring concepts including startup, associate, locum or partner in another practice. Business theory will be outlined in reference to practice location, business finance, securing business loans, hiring staff, marketing, record keeping and policy and procedures. This is a basis for the student to develop life-long learning skills and business tools that they will need in their respective professions.

Lectures: 2 hours; workshops: 2 hours per week.

Prerequisites: Nil.

Professional Practice Management (CHI520)

As for CHI519 except:

Credit Points: 3

Not available this year

Professional Writing (EGL232)

As for EGL332 except:

Credit Points: 3

Not available this year

Professional Writing (EGL332)

Credit Points: 4

Not available this year

The unit will develop students' capacity to write in a range of contexts and for a range of purposes and readership. A critical approach to producing and evaluating written texts in a contemporary public and professional global context will be pivotal to the unit's focus.

Lectures: 1 hour; tutorials: 1.5 hours

Prerequisites: Nil.

Proficiency Development within the Teaching and Learning of Additional Languages (EDN404)

Credit Points: 4

Not available this year

This unit explores issues associated with the teaching and learning of linguistic code contextualised within notions and practices of interculturality, of culture and identity, and of language and literacy. The first part of the unit focuses on language and culture (with particular attention to English as a global language), whilst the second part looks more closely at language and literacy, and at moving learners beyond conversational fluency in an additional language.

Online, no attendance required.

Prerequisites: Enrolment in a Graduate Certificate or Graduate Diploma or permission of the Unit Coordinator.

Program Evaluation (EDU637)

Credit Points: 3

MURDOCH: S1-external

Concepts, purposes, approaches and methods for the evaluation of social and educational programs. Alternative models for the design and conduct of evaluation studies are explored using examples from education, health, crime prevention, and welfare programs. Issues related to the dissemination and use of evaluation findings are also examined. Additionally, the unit addresses current cross-cutting issues such as ethical and political considerations in program evaluation, appropriate synthesis of findings within mixed-method evaluations, and the evaluation of evaluations.

External: No attendance required. On-campus meetings will usually be available.

Prerequisites: Enrolment in a Postgraduate qualification or permission of the Unit Coordinator.

Exclusions: Students who have successfully completed E540 Programme Evaluation may not enrol in this unit for credit.

Participants should note this unit assumes prior knowledge of STP501 Social, Research and Policy Research Methods or equivalent. Participants with further queries should contact the Unit Coordinator.

Project in Creative Writing (EGL220)

As for EGL260 except:

Credit Points: 3

Not available this year

Project in Creative Writing (EGL260)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Students who have completed EGL122 Creative Writing: Text and Practice I or EGL269 Creative Writing: Text and Practice II may wish to develop their skills by undertaking an extended creative writing project. Topics include research methods, formal considerations, close textual analysis, the political and ethical implications of creative work, and publishing opportunities. Workshop exercises will assist students in the transformation and development of their ideas, and imaginative, conceptual and technical problems of work-in-progress will also be addressed.

Lectures: one introductory lecture only in week 1; workshops: one workshop up to 3 hours per week.

Prerequisites: EGL122 Creative Writing: Text and Practice I (or EGL122 Reading and Writing I).

Project Management (MBS641)

Credit Points: 4

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TJA-internal, TSA-internal

SGP1: TMP-internal

This unit provides a generic approach to project management and is applicable to any project. You will gain a solid understanding of the various elements of project management including: planning, organising, controlling, scope management, meeting project objectives and attaining project success. You will be able to analyse the performance of a project during the execution phase; describe the major functions of project management and how they are applied.

Lectures/seminars/workshops: 2 x 4 hours (Weeks 1 - 4), 1 x 4 hours (Week 5).

Prerequisites: Enrolment in a Postgraduate course.

Project Management (MBS641)*As for MBS641 except:*

Credit Points: 3

MURDOCH: S1-internal

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Project Management (MBS685)*As for MBS641 except:*

Credit Points: 3

MURDOCH: W-internal, W-external

Projects in Community Development (COD324)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This placement unit gives students the opportunity to examine how ideas and practice interconnect. The primary part of this unit requires students to undertake a short placement within an organisation that uses the language and ideas of community development. Students will be encouraged to look, listen and consider the linkages between theory and practice by going 'into the field' and reflecting on the process of working within the community.

Workshops: 3 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed COD326/526 Community Participatory Practice may not enrol in this unit for credit.

Projects in Community Development (COD624)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This placement unit gives students the opportunity to examine how ideas and practice interconnect. The primary part of this unit requires students to undertake a short placement within an organisation that uses the language and ideas of community development. Students will be encouraged to look, listen and consider the linkages between theory and practice by going 'into the field' and reflecting on the process of working within the community.

Prerequisites: Enrolment in an Honours or Postgraduate-level course.

Promoting Learners' Creativity, Critical Thinking and Self-Regulation (EDU647)

Credit Points: 3

Not available this year

This unit examines the theory, principles and practices of collaboration and motivation in teaching and learning. Current research will inform participants' understandings about how collaboration, creativity and motivation are paramount in optimising student engagement and achievement in primary, secondary and tertiary learning contexts. Participants will have the opportunity to critically reflect on collaborative and motivational practices in learning environments and develop ways of implementing and evaluating effective practice.

Prerequisites: Enrolment in a Postgraduate course.

Exclusions: Students who have successfully completed EDU447 Collaborative Learning and Teaching or EDU647 Collaborative Learning and Teaching may not enrol in this unit.

Property (LAW253)

Credit Points: 4

MURDOCH: S1-internal, S2-internal

This unit aims to acquaint students with the basic principles of real property law. Topics: the concept of property; the concept of possession; fragmentation of proprietary interests; leases; concurrent interests; creation, acquisition, enforceability & transfer of proprietary interests; priorities, the general law of conveyance and the Torrens system; mortgages, easements; profits and restrictive covenants. Legislation considered in this unit include the Transfer of Land Act 1893 (WA); Property Law Act 1969 (WA) & the Commercial Tenancy (Retail Shops) Agreement Act 1985 (WA).

Lectures: 4 hours per week; tutorials/workshops: up to 10 hours per semester.

Prerequisites: LAW120 Research and Writing; LAW150 Australian Legal System; LAW130 Criminal Law and Procedure; LAW152 Torts; and LAW260 Contract OR enrolment in Bachelor of Common Law.

Property Law A (LLB253)

Credit Points: 3

Not available this year

This unit aims to acquaint students with the basic principles of property law. Topics: property as a concept of law; traditional classification of property; the concept of possession; fixtures; finder rights; creation and transfer of proprietary interests in land and goods; priorities; general law and the Torrens system of conveyance.. The unit will consider aspects of the following statutes and their interpretation: Property Law Act 1969 (WA); Limitation Act 2005 (WA); and Transfer of Land Act 1893 (WA).

Lectures: 24 hours per semester; tutorials/workshops: up to 5 hours per semester.

Prerequisites: LAW120 Research and Writing/LAW120 Legal Writing for Lawyers; LAW150 Australian Legal System; LAW130 Criminal Law and Procedure; LAW152 Torts; and LAW260 Contract OR enrolment in Bachelor of Common Law.; PLUS concurrent enrolment with LAWxxx Property Law B OR successful completion of LAWxxx Property Law B

Exclusions: Students may not enrol in LAWxxx Property Law A if they have successfully completed LAW253 Property

Property Law B (LLB254)

Credit Points: 3

Not available this year

This unit aims to acquaint students with the principles of real property law. Topics: fragmentation of proprietary interests in land; the doctrine of tenure and doctrine of estates; brief coverage of Native title; leases; concurrent interests; mortgages, easements; profits and restrictive covenants. Key legislation covered in the unit include: Transfer of Land Act 1895 (WA); Property Law Act 1969 (WA) and Commercial Tenancy (Retail Shops) Agreements Act 1985 (WA).

Lectures: 24 lecture hours per semester week; tutorials/workshops: up to 5 hours per semester.

Prerequisites: LAW120 Research and Writing/LAW120 Legal Writing for Lawyers; LAW150 Australian Legal System; LAW130 Criminal Law and Procedure; LAW152 Torts; and LAW260 Contract OR enrolment in Bachelor of Common Law. PLUS concurrent enrolment with LAWxxx Property Law A OR successful completion of LAWxxx Property Law A

Exclusions: Students may not enrol in LAWxxx Property Law B if they have successfully completed LAW253 Property

Protected Area Management and Planning (ENV246)

Credit Points: 3

Not available this year

This unit will develop an understanding of the planning and management of protected areas, including issues of definition, representativeness, governance and effectiveness. The relationship between protected areas and their surrounding communities and landscapes/seascapes will be examined. Issues relating to the conservation of biodiversity whilst simultaneously ensuring the management of visitors, Indigenous and cultural heritage will be examined. Emphasis is placed on Australian and Western Australian case studies, developing techniques for conservation planning and field experience in developing management plans.

Workshops: 3 hours week, Fieldwork: one half-day field work component.

Psychological Assessment: Theory and Method (PSY562)

Credit Points: 3

MURDOCH: Y-internal

Core unit for all MAppPsych, combined MAppPsych/PhD and DPsych candidates. This unit covers the major theoretical, methodological and statistical issues in evidence-based psychological assessment. There is also a large practical component where expertise in psychological testing will be developed. The overall aim is to increase in-depth knowledge and competency of the psychological assessment task. The unit will demand a high degree of student application.

Seminars: 3 hours per fortnight; practical/workshops: to be determined.

Prerequisites: MAppPsych, DPsych or MAppPsych/PhD; Enrolment in Pg or GDipConsultPsych where candidate holds a four-year Psychology qualification or equivalent.

Psychology and Law (CRM309)*As for LAW309 except:*

Credit Points: 4

MURDOCH: S2-internal

Lectures: 3 hours per week.

Prerequisites: LEG100 Law, Justice and Social Policy or LEG150 Australian Legal System.

Students taking the unit at the advanced level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills. Students enrolled in the LLB/BCrim joint degree must enrol in the CRM309 version of the unit; they must not enrol in the LAW309 version of the unit.

Psychology and Law (CRM389)*As for LAW309 except:*

Credit Points: 3

Not available this year

Psychology and Law (LAW309)

Credit Points: 4

MURDOCH: S2-internal

Starting with a comparison of the premises of the two disciplines the unit then explores areas of commonality such as eyewitness testimony, interviewing and interrogation, criminal procedure and evidence, criminal responsibility, expert testimony and jury behaviour.

Lectures: 3 hours per week.

Prerequisites: LAW252 Evidence.

Students taking the unit at the advanced level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills. Students enrolled in the LLB/BCrim joint degree must enrol in the CRM209 version of the unit; they must not enrol in the LAW409 version of the unit.

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Psychology and Law (LLB389)*As for LAW309 except:*

Credit Points: 3

Not available this year

Psychology Project (PSY541)

Credit Points: 12

MURDOCH: H-internal, Y-internal

Students enrolled in this unit will be emailed explaining how to select projects. More information will be given in the first seminar in PSY412. This unit does not appear on the timetable because students arrange to meet at a mutually convenient time after groups have been formed. This unit is generally offered to begin in Semester 1, though the Academic Chair may approve commencement in Semester 2 where this permits a more timely completion of the degree.

Approximately 10 hours per week for 26 weeks or equivalent.

Exclusions: Students who have successfully completed PSY441 Psychology: Fourth Year Project may not complete this unit for credit.

Students must have completed 15 hours as a participant in psychological research or have completed an essay on psychological research to the satisfaction of the Subject Pool Coordinator.

Psychology: Abnormal Behaviour (PSY213)

Credit Points: 4

MURDOCH: S1-internal

KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

This unit will introduce how abnormal behaviour is defined, and will explore the symptoms, causes and treatment of common and less common psychological disorders. These disorders and their treatment will be conceptualised through various theoretical frameworks, including cognitive, behavioural, systemic and neuropsychological approaches. Current issues relevant to both clinical practice and research will also be explored.

Lectures/tutorials/laboratories/seminars: 3 hours per week.

Prerequisites: PSY141 Introduction to Psychological Science or PSY171 Introduction to Applications of Psychology or PSY173 Introduction to Psychological Research Methods.

Psychology: Abnormal Behaviour (PSY288)*As for PSY213 except:*

Credit Points: 3

Not available this year

Psychology: Advanced Qualitative Research Methods (PSY315)

Credit Points: 4

MURDOCH: S2-internal (closed)

This unit examines qualitative research methods. The unit will focus upon the practical skills necessary for conducting a qualitative research project as well as the theoretical knowledge required to make a case for adopting qualitative methods in a research project. The unit will cover the four main qualitative methods used in the discipline of psychology; Grounded Theory, Discursive Psychology, Conversation Analysis and Interpretative Phenomenological Analysis. Students will gain the experience and knowledge necessary for conducting a qualitative research project independently.

Lectures/tutorials/laboratories/seminars: 3 hours per week.

Prerequisites: PSY173 Introduction to Psychological Research Methods OR PSY211 Psychological Research Methods I; PSY212 Psychology: Measurement, Design and Analysis.

The enrolment of students completing their studies in a discipline other than psychology will be considered on a case by case basis.

Psychology students enrolling in this unit from 2010 must have completed at least 10 hours as a participant in psychological research or have completed an essay on psychological research to the satisfaction of the Subject Pool Co-ordinator.

Psychology: Advanced Qualitative Research Methods (PSY391)*As for PSY315 except:*

Credit Points: 3

Not available this year

Psychology: Advanced Quantitative Research Methods (PSY311)

Credit Points: 4

MURDOCH: S1-internal

KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

This unit provides students with a sophisticated appreciation of statistical and methodological issues in psychological research. Advanced statistical procedures will be addressed, including higher-order analysis of variance designs, analysis of covariance, multivariate analysis of variance, nonparametric statistics, factor analysis, multiple linear regression, and analytical strategies for multiple comparisons. In addition to gaining a conceptual understanding of these procedures, students will apply them to the practical analysis of data using the SPSS statistical package.

Lectures/tutorials/laboratories/seminars: 3 hours per week.

Prerequisites: PSY173 Introduction to Psychological Research Methods OR PSY211 Psychological Research Methods I. Plus PSY212 Psychology: Measurement, Design and Analysis.

Exclusions: Students who have successfully completed PSY311 Psychological Research Methods III may not complete this unit for credit.

Students enrolling in this unit from 2010 must have completed at least 10 hours as a participant in psychological research or have completed an essay on psychological research to the satisfaction of the Subject Pool Coordinator.

Psychology: Advanced Thesis Research Methods (PSY655)

Credit Points: 2

MURDOCH: Y-internal

The unit aims to train students in the latest methodological strategies to conduct applied research. It will facilitate students' ability to think about research questions, understand applied designs, manage relevant ethical issues, and communicate this through proposals relevant to ethics and scientific review committees. At its completion, students would be able to design and conduct research in applied settings; critically evaluate research publications and reports; understand the ethical issues in research; and appreciate how research informs the practice of psychology.

Seminars: 6 x 3 hours run in the first week of semester.

Prerequisites: Enrolment in Master of Applied Psychology in Clinical Psychology or Master of Applied Psychology in Organisational Psychology or Doctor of Psychology in Clinical Psychology or Doctor of Psychology in Organisational Psychology.

Psychology: Advanced Thesis Research Methods (PSY755)

As for PSY655 except:

MURDOCH: Y-internal

Psychology: Biological Bases of Behaviour (PSY251)

As for PSY351 except:

Credit Points: 3

Not available this year

Psychology: Biological Bases of Behaviour (PSY351)

Credit Points: 4

MURDOCH: S1-internal

KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

This unit introduces students to the biological foundations of human behaviour. Topics include the organisation and function of the nervous system, the physiological basis of sensory experiences and movement, the psychophysiology of motivational states such as sleep, temperature and eating, and the neurobiology of cognitive processes such as language and memory. Biological influences on emotion and psychopathology, and the impact of negative emotions on health, will also be addressed.

Lectures/tutorials/laboratories/seminars: 3 hours per week.

Prerequisites: PSY173 Introduction to Psychological Research Methods and PSY212 Psychology: Measurement, Design and Analysis. PSY211 Psychological Methods I and PSY212 Psychological Methods II may be substituted for these units, respectively.

Exclusions: Students who have successfully completed PSY314 Psychology of Motivation and Emotion may not enrol in this unit for credit.

Psychology: Cognitive and Developmental Neuroscience (PSY396)

Credit Points: 3

Not available this year

This capstone unit focuses on the techniques developed in cognitive neuroscience for studying the brain, its development and its influence on psychological functioning. These techniques include neuroimaging, the study of patients with brain lesions, and the study of how genes and environment influence neurodevelopment. Topics will include the infant brain, localisation of function, genes and cognition, executive functioning, developmental disorders, and the ageing brain. A group project will bring together central themes of the Cognitive Neuroscience and Health Psychology major.

Psychology: Cognitive Processes (PSY353)

Credit Points: 4

MURDOCH: S2-internal

KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

Cognitive psychology explores the fascinating complexity of mental processes in all their forms and the field has derived enormous impetus in recent years from insights gained in disciplines as diverse as neuropsychology, neuroanatomy, imaging technologies, artificial intelligence, philosophy of mind, and psycholinguistics. The main topics will include: attention, memory, language, cognitive processes in speech and language, the organisation of knowledge, mental concepts and categories, problem solving, animal language, and the neural foundations of cognition.

Lectures/tutorials/laboratories/seminars: 3 hours per week.

Prerequisites: PSY173 Introduction to Psychological Research Methods OR PSY211 Psychological Research Methods I; PSY212 Psychology: Measurement, Design and Analysis.

Exclusions: Students who have successfully completed PSY312 Psychology: Human Learning and Cognition may not enrol in this unit for credit.

Psychology: Cognitive Processes (PSY394)

As for PSY353 except:

Credit Points: 3

Not available this year

Psychology: Conceptual Issues in Psychology (PSY432)

Credit Points: 4

Not available this year

This unit provides students with advanced coverage in selected areas of psychology. Students will examine psychological research design and psychological knowledge through intensive study of specific topics. Topic areas will include: biological psychology, cognitive psychology, developmental psychology and social psychology.

Lectures/tutorials/laboratories/seminars: up to 3 hours per week.

Prerequisites: PSY311 Psychology: Advanced Quantitative Research Methods or PSY315 Psychology: Advanced Qualitative Research Methods; enrolment in BA Psychology (Hons) or BPsych (Hons).

Psychology: Culture and Community (PSY246)

Credit Points: 4

Not available this year

This unit demonstrates how psychological processes and human behaviour are influenced by culture, and how culture is influenced by individuals and groups. It also examines the impact of alienation on specific people, groups and ultimately the wider community. There is a particular focus on Indigenous Australians, asylum seekers/refugees and Muslim Australians. The principles of Community Psychology will be used to focus on these issues and demonstrate actions that improve the well-being of community groups and society at large.

Lectures/tutorials/seminars: 3 hours per week.

Prerequisites: PSY141 Introduction to Psychological Science OR PSY171 Introduction to Applications of Psychology OR PSY173 Introduction to Psychological Research Methods.

Exclusions: Students who have successfully completed PSY145 Introduction to Psychology and Culture, PSY201 Community Psychology or PSY101 Introduction to Cultural and Community Psychology may not enrol in this unit for credit.

Psychology: Drugs and Dependence (PSY215)

Credit Points: 4

MURDOCH: S1-internal

This unit examines the major classes of psychotropic drugs including those with abuse potential. The physical and physiological factors involved in the action of drugs, their administration, metabolism, excretion and in their use, will be described and pharmacotherapy for drug dependence will be critically discussed. Students will review the history of substance abuse and addictions, examine current patterns of addictions and substance abuse behaviour in a psychological context and discuss the use of

psychological interventions.

Lectures/tutorials/laboratories/seminars: up to 3 hours per week.

Prerequisites: PSY141 Introduction to Psychological Science or PSY171 Introduction to Applications of Psychology or PSY173 Introduction to Psychological Research Methods.

Exclusions: Students who have successfully completed PSY215 Addictions and Substance Abuse may not enrol in this unit for credit.

Psychology: Drugs and Dependence (PSY289)

As for PSY215 except:

Credit Points: 3

Not available this year

Psychology: Family Relations and Social Development (PSY356)

Credit Points: 4

MURDOCH: S1-internal

Relationships play a key role in development. From a family life cycle perspective, this unit examines how individuals manage developmental tasks within dynamic and evolving social contexts.

Lectures/tutorials/laboratories/seminars: 3 hours per week.

Prerequisites: PSY141 Introduction to Psychological Science OR PSY171 Introduction to Applications of Psychology OR PSY173 Introduction to Psychological Research Methods; PSY247 Psychology: Human Development.

Exclusions: PSY214 Psychology: Adolescent and Young Adult Development; PSY241 Psychology: Understanding Social and Emotional Development.

PSY143 Introduction to Developmental Psychology may be substituted for the prerequisite.

Psychology: Family Relations and Social Development (PSY392)

As for PSY356 except:

Credit Points: 3

Not available this year

Psychology: Fourth Year Project (PSY441)

Credit Points: 8

MURDOCH: H-internal, Y-internal

Students enrolled in this unit will be emailed explaining how to select projects. More information will be given in the first seminar in PSY412. This unit does not appear on the timetable because students arrange to meet at a mutually convenient time after groups have been formed. This unit is generally offered to begin in Semester 1, though the Academic Chair may approve commencement in Semester 2 where this permits a more timely completion of the degree.

Approximately 10 hours per week for 26 weeks or equivalent.

Prerequisites: PSY311 Psychology: Advanced Quantitative Research Methods or PSY315 Psychology: Advanced Qualitative Research Methods or enrolment in Postgraduate Diploma in Psychology.

Students must have completed 15 hours as a participant in psychological research or have completed an essay on psychological research to the satisfaction of the Subject Pool Coordinator. Dependent on newly proposed changes to the Subject Pool, this requirement may become defunct.

Psychology: Fourth Year Seminar (PSY412)

Credit Points: 4

MURDOCH: S1-internal

This unit will deal with a range of themes which are central to the science and practice of psychology. The unit is run as an interactive seminar. Typical themes covered include: critical methods and issues pertaining to the practice of psychology and advanced and integrated topics.

Seminars/workshops: 2 hours per week;

Prerequisites: PSY311 Psychology: Advanced Quantitative Research Methods or PSY315 Psychology: Advanced Qualitative Research Methods or enrolment in Postgraduate Diploma in Psychology or Postgraduate Certificate in Psychology Teaching.

Psychology: Honours Seminar (PSY501)

Credit Points: 3

MURDOCH: S1-internal

The fundamental science of psychology and the application and professional practice of psychology. Possible topics: examination of the nature of scientific enquiry; the role of values in science and the ways in which these affect the practice and publication of research; the need for the scientific researcher to be concerned with the application of the results of the science. Attention will be paid to ethics in the conduct of psychological research and to the communication of psychological knowledge.

Lectures/tutorials/laboratories/seminars: up to 3 hours per week.

Prerequisites: PSY311 Psychology: Advanced Quantitative Research Methods or PSY315 Psychology: Advanced Qualitative Research Methods or enrolment in BA Psych (Hons).

Students must have completed 15 hours as a participant in psychological research or have completed an essay on psychological research to the satisfaction of the Unit Coordinator.

Psychology: Human Development (PSY247)

Credit Points: 4

MURDOCH: S1-internal

KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

This unit examines human development from conception through to death. At each broad stage of the lifespan the biosocial, cognitive and psychosocial influences on the individual are studied and integrated to understand the developing person.

Lectures/tutorials/laboratories/seminars: 3 hours per week.

Prerequisites: PSY141 Introduction to Psychological Science OR PSY171 Introduction to Applications of Psychology OR PSY173 Introduction to Psychological Research Methods.

Exclusions: Students who have successfully completed PSY143 Introduction to Developmental Psychology may not enrol in this unit for credit.

Psychology: Human Development (PSY286)

As for PSY247 except:

Credit Points: 3

Not available this year

Psychology: Industrial and Organisational Issues (PSY434)

Credit Points: 4

MURDOCH: S2-internal

This unit provides an overview of selected issues in industrial/organisational psychology. It will include an introduction to human factors/ergonomics and contemporary issues in organisational psychology including: job design and project management; equity; training organisational psychologists; organisational responses to stress and trauma and understanding business decisions.

Lectures/tutorials/seminars: up to 3 hours a week.

Prerequisites: Nil.

Psychology: Measurement, Design and Analysis (PSY212)

Credit Points: 4

MURDOCH: S2-internal

KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

The unit will provide students with knowledge of fundamental concepts involved in psychological methods, research design, data analysis, and in the interpretation of published research. Students will develop skills in assessing which designs and methods are appropriate to test different hypotheses, understanding which types of analyses are most appropriate to analyse different types of data, the ability to conduct analyses using statistical software and to communicate their results clearly.

Lectures: 2 hours; laboratories: 1.5 hours.

Prerequisites: PSY173 Introduction to Psychological Research Methods or PSY211 Psychological Methods I.

Exclusions: Students who have successfully completed PSY212 Psychological Methods II may not enrol in this unit for credit.

Students enrolling in this unit from 2010 must have completed at least 5 hours as a participant in psychological research or have completed an essay on psychological research to the satisfaction of the Subject Pool Coordinator.

Psychology: Practical Placement (PSY544)

Credit Points: 3

MURDOCH: S1-placement (quota of 40 places), S2-placement (quota of 40 places)

The purpose of this unit is to give students opportunities to gain skills and experience from a workplace in an applied setting. Supervision will be provided jointly by university staff and practitioners in, whenever possible, the field of choice. This unit is designed to comply with the University Workplace learning policy. Students must apply and selection is based on academic performance in Psychology units and other criteria.

5 days placement preparation (which includes 4 hours of required seminar participation) and 15 days on placement.

Exclusions: Students who have successfully completed PSY444 BPsych Practical Placements may not enrol in this unit for credit.

Students may require Police Clearance and Working with Children Certificates where appropriate. Students wishing to apply for the unit must submit an application form (available from <http://www.psychology.murdoch.edu.au/forms.html>) to the Unit Coordinator.

This unit is subject to quota. Selection may be based on academic performance in core Psychology units, as well as other criteria and the number of placements available.

Psychology: Principles and Processes of Interventions (PSY436)

Credit Points: 4

MURDOCH: S2-internal

This unit covers practical strategies and their theoretical and empirical bases for working with children and adults in a psychotherapeutic context. Applied topics that are generic to psychological practice are also included. There is consideration of the therapeutic alliance, behaviour change principles, assessing client responses to therapy, and an exploration of the ways in which theoretical perspectives impact upon case conceptualisation and the kinds of interventions employed.

Lectures/workshops: up to 3 hours per week on average.

Prerequisites: PSY213 Psychology: Abnormal Behaviour and either PSY311 Psychology: Advanced Quantitative Research Methods or PSY315 Psychology: Advanced Qualitative Research Methods; OR enrolment in Postgraduate Diploma in Psychology OR BA Psych (Hons) OR BPsych (Hons).

Exclusions: Students who have completed PSY436 Advanced Topic E may not enrol in this unit for credit.

Psychology: Principles and Processes of Psychological Intervention (PSY536)

Credit Points: 3

MURDOCH: S2-internal

This unit covers practical strategies and their theoretical and empirical bases for working with children and adults in a psychotherapeutic context. Applied topics that are generic to psychological practice are also included. There is consideration of the therapeutic alliance, behaviour change principles, assessing client responses to therapy, and an exploration of the ways in which theoretical perspectives impact upon case conceptualisation and the kinds of interventions employed.

Lectures/workshops: up to 3 hours per week on average.

Exclusions: Students who have completed PSY436 Psychology: Principles and Processes of Interventions may not enrol in this unit for credit.

Psychology: Principles of Psychological Assessment (PSY431)

Credit Points: 4

MURDOCH: S1-internal

This unit examines the major theoretical issues, practical applications and ethical considerations associated with individual and group psychological assessment and measurement techniques.

Lectures: 3 hours.

Prerequisites: PSY311 Advanced Quantitative Research Methods or PSY315 Advanced Qualitative Research methods or enrolment in Postgraduate Diploma in Psychology or BA Psychology (Hons) or BPsych (Hons).

Exclusions: Students who have successfully completed PSY431 Psychology: Advanced Topic A may not enrol in this unit for credit.

Psychology: Psychological Research Placement (PSY380)

Credit Points: 4

MURDOCH: S1-placement, S2-placement, Y-placement

The research placement provides experience in aspects of psychological research with the principal aim of developing

research skills in preparation for the honours project. Students will work in a research setting under the supervision of academic staff on research-related activities, which may include literature searches, data collection and entry, and statistical analyses. The assessment will be based on individually-negotiated placement objectives, preparation of a conference poster, and delivery of a conference-style presentation.

Research placement: 24 weeks at 4 hours per week or equivalent.

Prerequisites: Enrolment in BPsych (Honours) or permission of Unit Coordinator; and completion of PSY212 Psychology: Measurement, Design and Analysis.

Psychology: Research Topics in Psychology (PSY250)

Credit Points: 4

Not available this year

This unit gives students exposure to cutting-edge research topics across a range of different areas of psychology. Students will develop the ability to critically engage with contemporary academic scholarship within the discipline through attending a series of seminars delivered by different researchers across a range of topics. Critical reflection upon these seminars will be encouraged through tutorial and assessment exercises.

Seminars/tutorials: 1.5 hours per week (or equivalent).

Prerequisites: Enrolment in BPsych (Honours) or permission of Unit Coordinator.

This unit provides foundation skills and knowledge for students wishing to enrol in PSY380 Psychology: Psychological Research Placement.

Psychology: Safety, Errors and Accidents (PSY357)

Credit Points: 4

MURDOCH: S2-internal

KAPLAN-SGP: TJA-internal, TSA-internal

This unit examines contemporary issues in industrial and organisational settings. The topics will provide students with an overview into psychological issues in the I/O sector, such as: job design and working conditions; error detection and management; accident and disaster investigation; organisation culture and safety; occupational health and safety responsibilities; and product and process responsibilities and liabilities. Theories will be discussed and critically evaluated along with an examination of case studies from the transportation, chemical and nuclear industries.

Lectures/tutorials/laboratories/seminars: 3 hours per week.

Prerequisites: Nil.

Psychology: Self and Society (PSY218)

Credit Points: 4

MURDOCH: S1-internal

This unit explores the concept of 'self'; the relationship between our identities in the social world and our experiences of self. It considers how gender, ethnicity, age, and sexuality shape the ways in which we think about ourselves and others, as well as our treatment of those who do not share our identities. It also considers the political and ideological implications of particular ways of thinking about 'self' and how particular identities and states of being are promoted or marginalised.

Lectures/tutorials/laboratories/seminars: 3 hours per week.

Prerequisites: Students must have completed PSY248 Psychology: Social Bases of Behaviour and at least one of the following units: PSY141 Introduction to Psychological Science; PSY171 Introduction

to Applications of Psychology; PSY173 Introduction to Psychological Research Methods.

Exclusions: Students who have successfully completed PSY218 Self and Identity or PSY219 Psychology: The Individual and Society or S357 Social Psychology II may not enrol in this unit for credit.

Psychology: Self and Society (PSY287)

As for PSY218 except:

Credit Points: 3

Not available this year

Psychology: Sensation and Perception (PSY358)

Credit Points: 4

MURDOCH: S2-internal

This unit explores how humans experience the world around them through the senses of vision, audition, balance, smell, and taste, namely how biological (sensory) inputs are used in the psychological process of perception. Students will examine the physiological and psychological foundations of sensation and perception, psychophysical methods, phenomenology, and deficiencies in sensory abilities.

Lectures/tutorials/laboratories/seminars: 3 hours per week.

Prerequisites: PSY141 Introduction to Psychological Science.

Exclusions: Students who have successfully completed PSY216 Psychology of Perception may not enrol in this unit for credit.

Students are strongly recommended to have completed PSY351 Psychology: Biological Bases of Behaviour before enrolling in this unit.

Psychology: Sensation and Perception (PSY397)

As for PSY358 except:

Credit Points: 3

Not available this year

Psychology: Social Bases of Behaviour (PSY248)

Credit Points: 4

MURDOCH: S2-internal

KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

This unit explores how we make sense of ourselves and others, and how the 'actual, imagined or implied' presence of others influences our thoughts and behaviours. We will examine what social psychology can tell us about fundamental questions like 'Who Am I?', as well as 'real-world' topics like 'Why are people cruel (and when will they be kind)?'. In doing so, students will learn about major theories, methods and classic studies of social psychology.

Lectures/tutorials/laboratories/seminars: 3 hours per week.

Prerequisites: PSY141 Introduction to Psychological Science OR PSY171 Introduction to Applications of Psychology OR PSY173 Introduction to Psychological Research Methods.

Exclusions: Students who have successfully completed PSY107 Introduction to Social Psychology may not enrol in this unit for credit.

Psychology: Social Bases of Behaviour (PSY285)*As for PSY248 except:*

Credit Points: 3

Not available this year

Psychology: The Developing Mind (PSY249)

Credit Points: 4

MURDOCH: S2-internal

Between birth and adulthood, dramatic changes take place in an individual's understanding of the world and in many of his/her cognitive skills and abilities. This unit will examine these changes and theories offered to explain them. Developmental insights into the functioning mind will be explored, with specific application to formal and informal learning. The unit will address patterns of development common to most humans, the extent and nature of individual differences within age groups and possible reasons for these.

Lectures/tutorials/laboratories/seminars: 3 hours per week.

Prerequisites: PSY141 Introduction to Psychological Science OR PSY171 Introduction to Applications of Psychology OR PSY173 Introduction to Psychological Research Methods; PSY247 Psychology: Human Development OR PSY143 Introduction to Developmental Psychology.

Exclusions: Students who have successfully completed PSY221 Cognitive Development and Individual Differences may not enrol in this unit for credit.

Psychology: The Developing Mind (PSY393)*As for PSY249 except:*

Credit Points: 3

Not available this year

Psychology: Work and Organisations (PSY217)

Credit Points: 4

MURDOCH: S1-internal
KAPLAN-SGP: TMA-internal

This unit provides an introduction to the study of human behaviour in the workplace. It will be of value to those whose career draws them into organisational settings, as well as those intending to specialise in organisational psychology. The unit explores a range of issues, which are relevant to the psychological understanding of organisations and the individuals who participate in them. Workshops and assessments aim to give students a practical understanding of topics while developing key skills for the future.

Lectures/tutorials/laboratories/seminars: 3 hours per week.

Prerequisites: Nil.

Psychotherapy in Practice (PSY569)

Credit Points: 3

MURDOCH: Y-internal

This unit will focus on professional, practical and methodological issues related to the practice of psychology, including: training in interviewing and general counselling skills; ethical and legal issues; psychopharmacology, managing a psychology practice, cultural and ethnic issues; oral and written case formulation; presentation skills; consultation; systematic decision making and clinical topics as negotiated.

Seminars/workshops: 3 hours per week or equivalent. Due to the nature of this unit, students should seek confirmation of the exact

attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period. At times, seminars or workshops are run in non-standard teaching times.

Prerequisites: Enrolment in MAppPsych (Clinical) or DPsych (Clinical) or MAppPsych (Clinical)/PhD. Co-requisite: PSY537 Clinical Psychology: Internal Practicum (Child, Youth and Family) and/or PSY538 Clinical Psychology: Internal Practicum (Adult).

This unit was previously PSY575/S575 Professional Practice Issues.

Public Health (CHI509)

Credit Points: 2

MURDOCH: T2-internal

This unit is concerned with the health of the community as a whole. It will review the main determinants of mortality and morbidity internationally but with emphasis on Australia. Public Health also reviews community groups and special populations. Scenarios and problem solving derived from larger populations and a research project will form an important component of this unit and students will work in small groups to achieve this. Expert interdisciplinary practitioners with experience in the area of speciality will present.

Lectures: 2 hours per week; project works/seminars: 2 hours per week.

Prerequisites: Enrolment in BSc Exercise Physiology OR Enrolment in BSc/BChiropractic and the successful completion of Years 1 to 4, OR by special application to the Unit Coordinator.

Public International Law (LAW365)

Credit Points: 4

MURDOCH: SP18-internal

Examines the nature, origin, sources and subjects of international law, and the structure, principal rules and values of the international legal order. Topics: solution of disputes between states, law of the seas, international economic and trade mechanisms, self-determination and the protection of human rights. Focus: learning how to determine what the law is. Other issues: the role of law in resolving disputes, the role of international organisations in maintaining world order, the role of public international law in Australian courts.

Lectures: 3 hours per week for semester teaching periods OR taught intensively over 1 week in non-standard teaching periods; refer to timetable for details.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW258 Australian Administrative Law, LAW259 Constitutional Law.

Exam will be held during the Semester 2 assessment period.

Public International Law (LLB365)*As for LAW365 except:*

Credit Points: 3

Not available this year

Public Policy Analysis (POL246)*As for POL330 except:*

Credit Points: 3

Not available this year

Public Policy Analysis (POL330)

Credit Points: 4

MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TMA-internal

How do problems come to the attention of governments? Who is involved in the policy-making process? Pressure groups? The media? Think tanks? Who else? What are their goals? How are problems handled? How are policies evaluated? Theoretical explanations are combined with practical examples from Australia and overseas to provide students with a critical understanding of how policy is made. The unit also equips students with the main conceptual tools for analysing the impact of a policy or policy recommendation.

Up to 3 hours per week.

Prerequisites: Nil.

Public Policy and International Affairs Foundations (SWM644)

Credit Points: 3

MURDOCH: S1-internal

This unit is part of the capstone experience and a core unit for all students in the Sir Walter Murdoch School. The unit focuses on big policy challenges facing the world, via a series of lectures from senior scholars in their field of expertise. Half the unit will focus on thematic policy challenges, the other half on case studies of key regional and international factors, to give students an integrated understanding of public policy and international affairs.

Seminars and workshops are delivered weekly. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in Master of Public Policy and Management, Master of International Affairs, or Master of Development Studies.

Public Policy: Theory and Practice (SWM509)

Credit Points: 3

MURDOCH: S1-internal

The dynamics of public policy processes are complex. This unit considers the different ways that policy processes can be understood and analysed, including the various models of policy-making and their uses. Case studies and other concrete scenarios will be used to enable students to test these theories and perspectives in real world examples. The aim of the unit is to equip students with the tools to comprehend the processes involved in contemporary policy formation and implementation.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Exclusions: Students who have successfully completed POL530 Public Policy Analysis may not enrol in this unit for credit.

Public Relations in Society (MCC385)

Credit Points: 4

MURDOCH: S1-internal, S1-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

This unit explores public relations through the lenses of globalisation and culture. It draws on recent and emerging scholarship in public relations to present alternative understandings of the field. This socio-cultural approach represents a shift away from the functional and normative understandings of public relations, which historically--and until recently--have dominated the field.

Lectures: 1 hour; tutorials: 1.5 hours

Prerequisites: Nil.

Exclusions: Students who have successfully completed MCC246 (2012) Professional Communication may not enrol in this MCC385 Public Relations in Society for credit.

Public Relations in Society (PRO285)*As for MCC385 except:*

Credit Points: 3

Not available this year

Public Relations Project (PRO302)

Credit Points: 3

Not available this year

This unit encourages students to explore an aspect of public relations in a semester-long research project. Students may choose to research a client project; investigate a scholarly topic; or complete an internship. Students participate in seminars and online activity to encourage reflection and shared learning, based on their professional experiences. Students develop a research proposal, produce an extended research report, and present their findings in audiovisual form (for example, as a poster or infographic).

2-hour seminars subject to project requirements.

Prerequisites: MCC204 Public Relations: Contemporary Approaches.

Public Relations Strategy (PRO204)*As for MCC204 except:*

Credit Points: 3

Not available this year

Public Relations, Communication and Culture (MCM605)

Credit Points: 3

MURDOCH: S2-internal

This unit explores the theory and practice of communication, drawing on recent public relations scholarship focusing on critical, global and cultural perspectives. Students will develop skills in academic reading, research and writing, and critically engage with theory to explore the challenges of communication management in different cultural contexts and the implications for public relations practice. Topics include race and diversity in public relations; Indigenous stakeholder engagement; postcolonial perspectives and the role of public relations in nation-building.

2 x hour weekly seminars (or 4 x hour fortnightly seminars)

Prerequisites: Enrolment in graduate course of study.

Exclusions: Students who have successfully completed MCC546 Professional Communication or MCC685 Public Relations in Society cannot enrol in this unit

Public Relations: Contemporary Approaches (MCC204)

Credit Points: 4

MURDOCH: S2-internal
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

This unit explores a range of contemporary theories of, and approaches to, public relations in key areas including corporate social responsibility and employee relations. It provides a deepening of students' understanding of public relations theory and professional practice developed in MCC107, MCC259 and MCC385 and encourages a critical focus on ethical and rhetorical issues as these arise in the development and deployment of public relations strategies and tactics.

Lectures: 1 hour; tutorials: 1.5 hours.

Prerequisites: MCC107 Introduction to Public Relations.

Exclusions: Students who have successfully completed MSC235 Public Relations: Principles and Writing Practice may not enrol in this unit for credit.

Public Sector Economics (SWM645)

Credit Points: 3

MURDOCH: S2-internal

This unit deals with the economics of the public sector. Government expenditures are one side of the budget and the purposes of these expenditures are reviewed along with evaluation techniques to assess the efficiency and equity associated with expenditures. On the other side are the sources of revenue in the form of taxes, intergovernmental grants, government borrowing, asset sales, and user charges. These sources of revenue are also examined for their efficiency and equity features.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in the Master of Public Policy and Management.

Public Sector Management (SWM515)

Credit Points: 3

MURDOCH: S1-internal

Public sector managers use a range of instruments and strategies in the implementation of public policy. Examine the distinct character of public sector management and how this has changed across time. Explore the theories that have contributed to public sector reform and the assumptions informing new management modes. The aim is to equip students with a critical perspective on the efficacy of public sector management tools and strategies, and how they may contribute to the delivery of 'public value'.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Pyrometallurgy (ENG325)

Credit Points: 3

Not available this year

Pyrometallurgical processes such as roasting, smelting and refining are examined through consideration of: thermodynamics and kinetics of interactions which occur among individual phases (i.e. gases, solids, metals, mattes and slag), fluid dynamics, heat-transfer and mass transfer characteristics, different reactors and techniques used to carry out these processes. Reference to industrial practice for production of materials such as copper, nickel, zinc, lead, gold, aluminium, tin, silicon, iron and steel will be made

Qualitative Organisational Research (MBS619)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Qualitative research focuses on understanding, rather than predicting or controlling phenomena. Many business researchers believe it an essential approach in the study of the complexities of humans in business. The unit will examine the rationale and major principles underpinning qualitative research and consider popular methods in use. Students will consider the qualitative approaches to data collection and participate in a small project requiring analysis and interpretation. The use of mixed method approaches will also be examined.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Students must be enrolled in a postgraduate course.

It is desirable to have completed MBS620 Advanced Business Research Methods Seminar prior to completing this unit.

Quality and Safety in Health Care (SHP501)

Credit Points: 3

MURDOCH: S1-external, S2-external

This unit is designed to foster knowledge and understanding of concepts, principles and practices of continuous improvement in a range of health care settings. Participants will develop an understanding of creative, effective and practical approaches to quality and safety and evidence-based strategies for decision-making and apply this in the workplace.

External: No attendance required

Prerequisites: Enrolment in a postgraduate course.

Exclusions: Students who have successfully completed NUR601 Quality and Safety in Health Care may not enrol in this unit for credit.

Quantitative Methods for Business (MBS622)

Credit Points: 4

DUBAI-ISC: TMD-internal
KAPLAN-SGP: TJA-internal, TMA-internal, TSA-internal

Almost all managers will use descriptive and inferential statistics as part of their work to explain and interpret information. This unit introduces data-analysis and decision making tools for managers. Students will be able to identify situations in which quantitative analysis can support problem solving and decision-making. They will also gain experience in applying decision-analysis technique and statistical packages in management contexts. Includes the modelling of organisations and business problems, descriptive measures of quantitative data and statistical inference.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate-level course.

Exclusions: Students who have successfully completed MBS522 Quantitative Methods for Business cannot enrol in this unit for credit.

Quantitative Methods for Business and Economics (BUS208)

Credit Points: 4

MURDOCH: S1-internal, S1-external
DUBAI-ISC: TMD-internal

This unit provides an introduction to the quantitative and mathematical methods that are commonly used in economics and business units. The central topics will be the role of models in economics, calculus and its application to economics and business, constrained and unconstrained optimisation problems in business.

Lectures: 2 hours per week; workshops: 1 hour per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed C167 Quantitative Methods for Business and Economics may not enrol in this unit for credit.

Recommended: Students with a weak mathematics background should complete M164/MAS164 Fundamentals of Mathematics before enrolling in this unit.

Quantitative Research for Business (MBS659)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Almost all managers will use descriptive and inferential statistics as part of their work to explain and interpret information. This unit introduces data-analysis and decision making tools for managers. Students will be able to identify situations in which quantitative analysis can support problem solving and decision-making. They will also gain experience in applying decision-analysis technique and statistical packages in management contexts. Includes the modelling of organisations and business problems, descriptive measures of quantitative data and statistical inference.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate-level course.

Exclusions: Students who have successfully completed MBS522/MBS622 Quantitative Methods for Business cannot enrol in this unit for credit.

Radio Presenting and Producing (MCC244)

Credit Points: 4

MURDOCH: S1-internal (quota of 30 places)

This unit introduces students to the real world of live radio broadcasting. Rotating in the roles of producer, presenter and journalist you will produce and present a weekly one-hour magazine program on a local community radio station. Through this practice-based experience you will gain deeper knowledge of the policies and practices of the broadcasting industry while increasing your presenting, writing, researching and broadcast journalism skills.

Lectures/seminars: 2 hours per week; tutorials: 1 hour per week; program production: 3 hours per week. (Note: Lectures and workshops/tutorials commence in Week 1 of the semester).

Prerequisites: MCC105 Introduction to Radio and Sound (or MED117 Introduction to Radio and Print Production or MED117 Introduction to Radio).

Exclusions: Students who have successfully completed MED244 Radio Presenting and Producing may not enrol in this unit for

credit.

This unit is subject to quota. Quota is due to space and equipment constraints and the production intensity. Selection is based on grades achieved in prerequisites. Preference at each step of the selection process will be given to students in the Radio minor.

Radio Presenting and Producing (RAD244)

As for MCC244 except:

Credit Points: 3

Not available this year

This unit is not subject to quota.

Radiography: Principles and Positioning (CHI421)

Credit Points: 4

MURDOCH: T3-internal

Expands on principles discussed in years 2/3 relating to image production for most common types of imaging modalities and essential knowledge and skills needed for producing high quality diagnostic radiographs. Covers principles of radiation biology, regulations and practices relating to safety and patient protection; addresses management of in-house radiographic facilities. Practical workshops focus on radiographic positioning for all anatomical regions relevant to chiropractic practice. Utilises equipment in preparation for application within the University's chiropractic clinic. Incorporates undergraduate research stream.

Lectures/workshops: 4 hours per week; laboratories/practicals: 4 hours per week.

Prerequisites: Completion of the BSc Chiropractic or permission from the Academic Chair.

Reactor Engineering (ENG335)

As for ENG361 except:

Credit Points: 3

Not available this year

Reactor Engineering (ENG361)

Credit Points: 4

Not available this year

The fundamentals of chemical reaction engineering are presented in this unit. Topics include: rate of reaction, different types of reactors, reactor sizing, isothermal reactor design, nonisothermal reactor design, multiple reactions, and catalytic reactors. This unit draws heavily on foundation concepts of mass and energy balances, process dynamics and transport phenomena.

Lectures: 2 hours per week; tutorials: 2 hours per week; laboratories: 3 hours per week.

Prerequisites: EXM224 Principles of Unit Operations in Mineral Processing OR ENG241 Principles of Process Engineering.

Reading and Writing Contemporary Literature (EGL217)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit introduces students to a selection of contemporary literary texts from a range of different English-speaking cultures, and assists students in developing skills in the analysis and critique of these texts, as well as in the production of contemporary creative writing. All students will have at least one assignment in the analysis of a text and all will be offered the opportunity to write, workshop and

submit a work of creative writing.

Lecture: 1 hour; tutorial: 1.5 hours.

Prerequisites: EGL121 Turning Points in Literature or EGL122 Writing and Creativity.

Reading Literature as History (EGL307)

Credit Points: 4

Not available this year

This unit will be useful to both historians and literature students. It examines approaches to using novels and other literature to understand the past. Students will analyse various works and critical readings of those works to understand more about particular periods, paying attention to different cultures, politics and discourses. The unit will examine tensions between history and literature, including new historicism and literary history, to better understand the use of literature and literary analysis in the reading of history.

Lecture: 1 hour; tutorial: 1 hour

Prerequisites: EGL121 Turning Points in Literature or HIS181 Introduction to History.

Reading Reconciliation (AIS355)

Credit Points: 4

MURDOCH: S2-internal, S2-external

ROCKINGHAM: S2-internal

The Aboriginal Reconciliation Movement (1991-2001) was the most significant socio-political movement regarding Indigenous/non-Indigenous relations since the 1967 Referendum. We examine Reconciliation as it was originally conceived under the Keating Labor Government and contrast this with the Howard Government's 'practical Reconciliation'. We also examine various post-Reconciliation strategies for equality between Indigenous and non-Indigenous Australians. Students will understand Reconciliation as a struggle between post-colonial national identity construction, colonialist ideologies, and desires for processes of decolonisation.

Lecture: 1 hour; workshop: 2 hours

Prerequisites: Nil.

Exclusions: Students who have successfully completed AIS281 Contemporary Indigenous Issues may not enrol in this unit for credit.

Reading Reconciliation (AIS356)

As for AIS355 except:

Credit Points: 3

Not available this year

Reading through Multiliteracies (EDU664)

Credit Points: 3

MURDOCH: S1-internal, S1-external

Provides opportunities to extend understanding about teaching and learning reading, with a focus on Years 1 through 10. Aiming to develop theoretically informed pedagogy, considering the impact of children's literature as well as media and technology on learners, current strategies for teaching reading will be critically examined. Processes from emergent to independent reading will be analysed from a multiliteracies perspective. Topics such as implementing literacy programs that consider learner differences in language, culture, gender and ability, will be discussed.

External: No attendance required. On-campus meetings usually

available.

Prerequisites: Enrolment in a postgraduate course in Education.

Real Time and Embedded Systems (ENG306)

Credit Points: 4

MURDOCH: S2-internal

This unit provides a thorough understanding, knowledge and practical experience in using embedded and computer-based systems in measurement and control applications. Topics: measurement systems; embedded systems, microcontrollers, program development environments; emulators, simulators and in-situ testing; 68HC11/12 and subsystems; watchdog and interrupts; digital signal processing; real-time embedded systems; DAQ Systems; analog and digital I/O; sampling, aliasing and signal conditioning; signal analysis and spectral content; buffered I/O; simultaneous input and output; counting and timing operations; dynamic system simulation.

Lectures: 2 hours per week; workshops: 2 hours per week; laboratories: 4 hours per week.

Prerequisites: ENG262 Principles of Electronic Instrumentation; ENG267 Control Systems and Process Dynamics.

Real Time and Embedded Systems (ENG319)

As for ENG306 except:

Credit Points: 3

Not available this year

Rebirth of Europe 1945-2001 (HIS224)

Credit Points: 4

Not available this year

This unit traces the political, social and economic history of Europe through its post war crisis and decline to its present day resurgence. Critical events in the history of individual states will be discussed alongside major transnational topics including the cold war and its aftermath; the growth and later erosion of the welfare state; the impact on Europe of decolonisation and postcolonial immigration; social tensions including domestic terrorism; supranationalism and the creation of the European Union.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Rebirth of Europe 1945-2001 (HIS324)

As for HIS224 except:

Credit Points: 3

Not available this year

Reflective Practice in Health Management (SHP604)

Credit Points: 3

MURDOCH: S2-external

This unit focuses on the skills and competencies associated with effective leadership. It will address the importance of self-awareness and reflection in leadership as well as interpersonal processes associated with effective communication, influence and persuasion. Students will have the opportunity to examine how their beliefs, perceptions, experiences and backgrounds influence their ability to lead.

External: No attendance required

Prerequisites: Enrolment in the MHMQL or by permission of the academic chair

Refugee Law (LLB327)

Credit Points: 3

GENEVA: S2G-internal

This unit examines the origins and evolution of Australian and international refugee law. It will discuss the scope and limits of refugee's rights, impediments to asylum-seeking in domestic and international contexts, and pressures for refugee law reform. Students will be introduced to the system of refugee status determination in Australia including the legislative framework and significant court decisions. The problems of groups such as women and children will be discussed, and students will participate in refugee status determination simulations.

Contact the School of Law for further information.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract.

The S2G enrolment option for this unit is offered as part of the International Human Rights Law Program in Geneva, Switzerland. Enrolment in this program is by application. Students enrolling in the program are responsible for their own airfares, accommodation and incidental expenses during the program. Contact the School of Law for further information.

Remedies (LAW358)

Credit Points: 4

MURDOCH: S2-internal

This unit cuts across the traditional compartments of tort, contract and property on the one hand, and law and equity on the other, placing students in a position to critically evaluate the remedial rules in light of the goals which private law seeks to achieve when redressing or preventing legal wrongs. Relevant legislation and its interpretation will be considered in this unit.

Seminars: 3 hours per week.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing; LEG150 (prior to 2011)/LAW150 Australian Legal System; LAW152 Torts; LAW130 Criminal Law and Procedure; LAW260 Contract; successful completion of, or concurrent enrolment in, LAW253 Property and LAW351 Equity and Trusts.

Renewable Energy and Sustainable Development (PEC287)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Addresses the challenges of assessing, designing, introducing and maintaining small scale renewable energy technologies in developing countries, particularly in rural areas. It is here that the big increases in global population and energy demand are predicted to occur over the coming two decades. Views the problem in a holistic, rather than a purely technical way. Adopts a broad description of what constitutes renewable energy technology since most energy in developing countries rural areas is currently derived from traditional renewable sources.

Lectures/tutorials: 3 hours per week; occasional practical sessions (Internal students only).

Prerequisites: Nil. Recommended: PEC292/PEC492/PEC592 Energy in Society.

Postgraduate Certificate in Energy Studies, Postgraduate Diploma in

Energy Studies and Master of Science in Renewable Energy students should enrol in the higher-level code for this unit.

Renewable Energy and Sustainable Development (PEC587)

As for PEC287 except:

Credit Points: 4

MURDOCH: S2-internal, S2-external, Y-external

Prerequisites: Enrolment in an Honours or Postgraduate-level course. Recommended: PEC492/PEC592 Energy in Society.

Renewable Energy Design Workshop (ENG351)

Credit Points: 4

MURDOCH: S2-internal

This unit focuses on the design of renewable energy systems and in particular, on estimating the performance and economics of such systems. It will focus heavily on the use of computer-based design and simulation programs to estimate these parameters. The input data requirements, method of operation, and strengths and weaknesses of these computer-based tools will be presented. Practical sessions will allow the student to utilise these tools for a range of applications.

Lectures/workshop sessions: 3 hours per week; laboratories: 3 hours per week.

Prerequisites: Co-requisite ENG352 Energy Supply Systems.

Exclusions: Students cannot enrol in this unit and PEC623 Renewable Energy Systems Design for credit.

Renewable Energy Devices (PEC621)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit describes the principles of operation, the design, and the particular installation requirements of the major renewable energy power generation devices, including photovoltaic cells, wind turbines, and solar thermal collectors. The devices used to convert or control power flows within systems are also discussed in terms of their function and operational requirements. These include inverters, maximum power point trackers and battery charge controllers. The various energy storage options are also discussed.

Lectures/tutorials: 3 hours per week; 3 practical sessions (Internal students only).

Prerequisites: PEC490/PEC590 Energy Systems.

Renewable Energy Dissertation (PEC624)

Credit Points: 8

MURDOCH: H-internal, H-external, Y-internal, Y-external

This is a required unit for students in the MSc in Renewable Energy. Full-time students usually enrol over a full year concurrently with the coursework. Part-time students undertake it during the final year. It may consist of literature review and technology assessment or practical investigation of renewable energy system or device. A list of suitable topics is available from the Unit Coordinator or students may choose their own topic provided it is approved by the Unit Coordinator.

No attendance required.

Prerequisites: Enrolment in the Master of Science in Renewable Energy.

Renewable Energy Resources (PEC622)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit examines the availability and distribution of various renewable energy resources such as solar radiation, wind, hydro, tidal, wave and biomass. The methods for measuring, monitoring and analysing these resources are described and some practical sessions are undertaken to illustrate these procedures. Principles for undertaking a resource assessment for a particular site are presented. This includes sources of data, analysis of that data and estimation of data when actual data is not available.

Lectures/tutorials: 3 hours per week; occasional practical sessions (internal students only).

Prerequisites: PEC492/PEC592 Energy in Society or equivalent.

Exclusions: Students cannot complete this unit and ENG307 Resources for Renewable Energy for credit.

Renewable Energy Systems Design (PEC623)

Credit Points: 4

MURDOCH: S2-internal, S2-external, Y-external

This unit focuses on the design of renewable energy systems and in particular, on estimating the performance and economics of such systems. It will focus heavily on the use of computer-based design and simulation programs to estimate these parameters. The input data requirements, method of operation, and strengths and weaknesses of these computer-based tools will be presented. Students will use many of these computer-based tools to solve component sizing and design problems.

Lectures/workshop sessions: 3 hours per week.

Prerequisites: PEC490/PEC590 Energy Systems or equivalent.

Exclusions: Students cannot complete this unit and ENG351 Renewable Energy Design Workshop for credit.

Renewable Energy Systems Engineering (ENG421)

Credit Points: 4

MURDOCH: S1-internal

This unit covers the design, commissioning and testing of standalone and grid-connected renewable energy systems. Topics include: standalone systems, simulation and system design, component sizing, housings and layout, cabling, earthing, commissioning, testing, monitoring, safety and standards; specification, design, impact, cost and performance of grid-connected systems; relevant power system issues; power conditioning for grid applications. The unit will develop a thorough understanding of entire integrated systems and provide practical experience with working physical systems.

Lectures: 2 hours per week; workshops: 1 hour per week; laboratories: 3 hours per week.

Prerequisites: ENG352 Energy Supply Systems; ENG351 Renewable Energy Design Workshop.

Renewable Energy Systems Engineering (ENG442)**As for ENG421 except:**

Credit Points: 3

Not available this year

Representation and Gender (EGL298)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit is concerned with representations of gender and the ways in which gender identities are constructed and sustained or challenged. The conceptual and practical aspects of representation, particularly in relation to sexuality and culture, are also explored. By examining various texts from popular magazines to films, advertising, visual arts and literary texts, and using a range of theoretical approaches, the unit aims to enable students to evaluate representations of gender critically and productively.

Lectures: 1 hour per week; tutorials: up to 1.5 hours per week.

Prerequisites: Nil.

Reproduction and Obstetrics (VET463)

Credit Points: 3

MURDOCH: YM-internal

The reproduction section of this unit covers normal and abnormal reproductive physiology, endocrinology and anatomy in common domestic animals, and applies that information and understanding to veterinary situations. Lectures and practicals are conducted on examination of male and female animals, evaluation of fertility, control of reproduction, and diagnosis and treatment of reproductive diseases in domestic animals. Obstetrics lectures and practicals cover the processes of parturition in domestic species, with particular emphasis on diagnosis and correction of abnormalities of parturition.

Lectures: 33 hours; practical classes: 48 hours

Prerequisites: Enrolment in Applied Veterinary Medicine. Completion of VET459 Surgical Secrets, VET456 Anaesthesia, Emergency and Critical Care, VET462 Veterinary Diagnostic Imaging.

Research in Education (Research Dissertation) (EDU700)

Credit Points: 12

MURDOCH: R1-internal, R1-external, R2-internal, R2-external, RAU-internal, RAU-external, RSP-internal, RSP-external

This unit can be taken full or part-time. A written research proposal must be submitted to the School of Education Research Committee, and presented orally to a research panel convened by the supervisors. The final proposal must have Research Ethics clearance before data collection can proceed. The thesis for the Master of Education (Research) provides a critical analysis of the topic under consideration and demonstrates an understanding of the theory and practice of educational research.

Prerequisites: Enrolment in the Master of Philosophy or the Master of Education (Research).

Research in Education (Research Dissertation) (EDU900)

Credit Points: 12

MURDOCH: R1-internal, R1-external, R2-internal, R2-external, RAU-internal, RAU-external, RSP-internal, RSP-external
ROCKINGHAM: R1-internal, R1-external, R2-internal, R2-external, RAU-internal, RAU-external, RSP-internal, RSP-external

Prerequisites: Enrolment in the Master of Philosophy, Doctor of Education or Doctor of Philosophy courses.

Research Internship (SWM619)

Credit Points: 6

MURDOCH: S1-internal, S2-internal

Undertaking a research internship, students develop and complete a specific project relevant to an industry, a professional workplace or a community organisation in a work-integrated-learning environment. Students are guided by a workplace supervisor and an academic supervisor. The research project is supported by a series of seminars which focus on considerations of policy making, professional ethics and practice, research design and the ethics of research. Students completing the research internship demonstrate high level organisational and time management skills.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in the Master of Public Policy and Management, Master of Development Studies, or Master of International Affairs; completion of at least 24 credit points.

Research Methodology (VET666)

Credit Points: 3

MURDOCH: S2-internal

Become familiar with the ethics of clinical research and gain knowledge of fundamental concepts of designing and analysing clinical veterinary research. Introduction to current investigative methods utilised for in vitro and in vivo veterinary research. Appreciate the process of conducting clinical research and acquire skills to critically evaluate current literature in your field of study. A literature research exercise with oral presentation of proposed study and a written grant application is required to verify the application of the skills acquired.

Lectures: 2 hours per week; tutorials: 2 hours per week.

Prerequisites: Permission of Unit Coordinator.

Research Methods and Epidemiology (CHI677)

Credit Points: 4

Not available this year

This unit allows students to gain knowledge in the field of research specifically addressing research components and epidemiology. Students acquire an appreciation of the research process and an understanding of terminology needed to critically read literature. A writing exercise will be required allowing the student to apply the provided information.

External: No attendance required.

Prerequisites: Completion of Chiropractic Degree or equivalent. Enrolment into the MSc in Sports Science including completion of 24 points of postgraduate work such as the Postgraduate Certificate/Diploma in Neuromusculoskeletal Rehabilitation or the Postgraduate Diploma in Sports Chiropractic, or their equivalents.

Research Methods in Exercise Science (EXS591)

Credit Points: 3

Not available this year

Research Methods in Social Sciences and Humanities (ART404)

Credit Points: 4

MURDOCH: S1-internal, S1-external

The unit introduces basic research methodologies in Humanities and Social Sciences, particularly for students undertaking an honours degree, a Research Masters, or an MA with a research project. The unit will introduce basic research topics: constructing a thesis, referencing and bibliographies; and some of the fundamental approaches used in the various disciplines of Social Sciences and Humanities. Students undertaking the unit must have a research supervisor, and enrol in the unit during the period they are beginning their research.

Lectures/seminars: total 3 hours per week.

Prerequisites: Enrolment in Honours.

A result of Ungraded Pass or Fail is awarded for this unit.

Research Preparation for Business (MBS620)

Credit Points: 3

MURDOCH: S1-internal, S2-internal

This unit introduces students to essential elements in research preparation. Topics covered will include the development of a literature review to expound research questions; the decision-making process as it relates to research methodology; the legitimisation of data collection strategies and analyses and the essentials in writing up research for scholarship and practice.

30 hours to be taught intensively over the winter teaching period, for more information contact the School.

Prerequisites: Enrolment in a postgraduate course.

It is recommended that students complete MBS620 Advanced Business Research Methods prior to enrolment in MBS612 Research Project.

Research Principles and Methods (ENG670)

Credit Points: 3

MURDOCH: S1-internal, S2-internal

This unit will introduce students to a problem in their specialised engineering discipline that is of current industrial interest, significance and relevance. Students will need to research the area in order to develop a detailed project brief that clearly defines the objectives, performance metrics and budget for a project that addresses the problem.

Meetings and laboratory sessions in agreement with the project supervisor.

Prerequisites: Completed at least 24 credit points of the Master of Engineering.

Admission to this unit is by enrolment in the ME or permission of the Engineering Academic Chair.

Research Project (MBS612)

Credit Points: 4

Not available this year

This unit may be taken as an elective in any area of study covered in the Master of Business Administration or Master of Human Resource Management. A substantial formal report is submitted for assessment and may involve original research, a replication of published research in a different setting or applied studies of a problem-solving nature. Enrolments are subject to the availability of an appropriate staff member to supervise students and a suitable

project.

To be determined by the academic supervisor

Prerequisites: Enrolment in postgraduate-level course, with prior approval of the Academic Chair.

Students enrolling in this unit in Singapore or Dubai will need to use a local supervisor.

Research Project (MBS649)

As for MBS612 except:

Credit Points: 6

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external

Research Project and Thesis (ENG458)

Credit Points: 12

MURDOCH: H-internal, Y-internal

On successful completion of this unit students will be able to plan, execute and report on a research project; select and make a process design of an appropriate metallurgical process for the profitable extraction of a metal/mineral on the basis of the results of the research; enumerate and discuss critical operating procedures of the chosen process; and produce a preliminary economic feasibility study. Students will prepare a thesis on their topic and present a seminar.

Seminars/tutorials: 1 per week; project meetings: as arranged by Supervisor but students should expect a minimum of 1 per week.

Prerequisites: EXM301 Mineral Processing, EXM302 Advanced Mineral Processing, EXM357 Extractive Metallurgy.

Students must complete the Safety in Science course prior to undertaking this unit. The Safety in Science course is usually run in the week before semester begins but students are urged to communicate with their proposed supervisor on the precise timing. All projects must be approved by the Unit Co-ordinator prior to the beginning of semester.

Research Studies -- Psychology (PSY920)

Credit Points: 12

MURDOCH: R1-internal, R2-internal, RAU-internal

Researching Legal Remedies (BJU200)

Credit Points: 3

Not available this year

This unit builds on the introductory legal research skills completed in earlier units. Students will be introduced to advanced legal research methods including the design and development of a research paper on a chosen topic. Students will learn to think about law holistically rather than within the confines of individual legal subject areas, and to critically evaluate legal solutions from different perspectives. Issues of policy and law reform will also be addressed.

Resilient Regions: People and Practice (SUS302)

Credit Points: 4

MURDOCH: SUM-internal

Gives students direct experience of sustainability via ways of living in regions and their communities. This intensive unit includes a week-long residency in early December with additional work scheduled before and after. During the residency, field trips to

specific Western Australian locations provide the theoretical and practical elements of sustainability and resilience. Students acquire understanding of: resilience and complex adaptive systems; bioregionalism; endemic sense of place; eco-technologies; participatory politics; eco-entrepreneurial activities; sustainable agriculture; and regional catchment management.

This unit involves a week-long residence in Denmark, in south-west W.A. Contact the School for further details.

Prerequisites: Nil.

Students are responsible for additional costs associated with the residence and field trips. Contact the School for further details.

This unit is subject to quota. Quota is due to limited accommodation during field work. Quantity (20) applies to total number of students from both internal and external offerings. Preference will be given to undergraduate students who have completed at least 48 credit points towards their degree. Preference may also be based on academic performance.

Resilient Regions: People and Practice (SUS611)

Credit Points: 3

MURDOCH: SUM-internal

Gives students direct experience of sustainability via ways of living in regions and their communities. This intensive unit includes a week-long summer residency with additional work scheduled before and after. During the residency, field trips to specific Western Australian locations provide the theoretical and practical elements of sustainability and resilience. Students acquire understanding of: resilience and complex adaptive systems; bioregionalism; endemic sense of place; eco-technologies; participatory politics; eco-entrepreneurial activities; sustainable agriculture; and regional catchment management.

This unit involves a week-long residence in Denmark, W.A., requiring approximately 30 hours of contact time. Contact the School for further details.

Prerequisites: Enrolment in a Postgraduate-level course.

Exclusions: Students who have successfully completed STP611 Resilient Regions: People and Practice may not enrol in this unit for credit.

Students are responsible for some additional costs associated with the residence and associated field trips. Contact the School for further details.

This unit is subject to quota. Quota is due to limited accommodation during field work. Quantity (10) applies to total number of students from both internal and external offerings. Preference will be given to postgraduate students nearing the end of their studies. Preference may also be based on academic performance.

Resources for Renewable Energy (ENG307)

Credit Points: 4

MURDOCH: S1-internal

This unit examines the availability and distribution of various renewable energy resources such as solar radiation, wind, hydro, tidal, wave and biomass. The methods for measuring, monitoring and analysing these resources are described and some practical sessions are undertaken to illustrate these procedures. Principles for undertaking a resource assessment for a particular site are presented. This includes sources of data, analysis of that data and estimation of data when actual data is not available.

Lectures/tutorials: 3 hours per week; laboratories: 3 hours per week.

Prerequisites: PEC152/PEN152 Principles of Physics; MAS161 Calculus and Matrix Algebra; MAS284 Applied Statistics and Process

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Management.

Exclusions: Students cannot enrol in this unit and PEC622 Renewable Energy Resources for credit.

Responsive and Adaptive Design (IDD337)

Credit Points: 3

Not available this year

This unit explores the design and development of websites for mobile digital devices such as tablets and mobile phones. A range of responsive and adaptive methodologies will be explored creating interfaces that adapt to the user's and devices capabilities in terms of both form and function.

1 hour online lectures, 3 hour labs

Prerequisites: MCC263 Web Design

Restorative Justice (CRM231)

As for LAW231 except:

Credit Points: 4

MURDOCH: S2-internal

Lectures: 3 hours per week.

Prerequisites: Nil.

Exclusions: Students who successfully completed LEG300 Special Topics in Legal Studies: Restorative Justice in 2010 may not enrol in this unit for credit.

Students enrolled in the LLB/BCrim joint degree must enrol in the CRM231 version of the unit, not the LAW431 version of the unit.

Restorative Justice (CRM284)

As for LAW231 except:

Credit Points: 3

Not available this year

Exclusions: Students who successfully completed LEG300 Special Topics in Legal Studies: Restorative Justice in 2010 or CRM231 Restorative Justice may not enrol in this unit for credit.

Restorative Justice (LAW231)

Credit Points: 4

MURDOCH: S2-internal

Restorative justice is a process whereby parties with a stake in an offence collectively resolve how to deal with the aftermath of the offence. Restorative justice is an alternative model to traditional criminal law under which offenders are deemed to have committed an offence against the state. Restorative justice challenges this assumption and places victim and offender at the centre of the resolution of offences. This unit covers the theoretical underpinnings, procedures and research on the effectiveness of restorative justice.

Lectures: 3 hours per week.

Prerequisites: Enrolment in the LLB or Juris Doctor (pre-2014).

Students taking the unit at the advanced level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills. Students enrolled in the LLB/BCrim joint degree must enrol in the CRM231 version of the unit, not the LAW431 version of the unit.

Restorative Justice (LLB284)

As for LAW231 except:

Credit Points: 3

Not available this year

Rise of Asia and Modern History (AST531)

Credit Points: 3

Not available this year

Explore the organising concepts of historical inquiry and human society -- 'culture', 'society', 'modes of production' -- by considering the transformation of the Euro/American core and the rise of Asia since 1400, as a global process of political-economic and cultural interdependencies between capitalism and non-Western societies. The rise of Asia in modern history is best understood within the wider context of global capitalism. The transformation of Europe and rise of Asia cannot be separated: each is the other's history.

Lecture: 1.5 hours; tutorial: 1.5 hours

Prerequisites: Enrolment in postgraduate level (AQF8 or AQF9) Asian Studies or permission of the Unit Coordinator.

Risk Management (MBS572)

Credit Points: 4

DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal

This unit discusses an integrated risk management framework that can be applied to a wide range of industries. It covers risk management principles frameworks and processes, risk management strategic planning and corporate governance, information security, and crisis management. On completion of the unit students should have a comprehensive understanding of risk management techniques and risk management planning and be able to create a risk management plan for an organisation.

Risk Management (MBS689)

As for MBS572 except:

Credit Points: 3

MURDOCH: S2-internal, S2-external

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a graduate-level course.

Exclusions: Students who have successfully completed MBS572 Risk Management may not enrol in this unit for credit.

Rocket Science: Academic Skills for Science Students (TLC123)

Credit Points: 3

MURDOCH: S1F-internal, S2K-internal

This unit balances practical and theoretical knowledge to enhance students' scientific report writing skills. Aimed at science students (all Physical and Life Sciences, including Psychology), it explores the historical development of scientific knowledge, the relationship between scientific knowledge, worldview and paradigm shifts and the role of scientists in the wider community. Practical report writing skills covered include: writing, reading, referencing and research skills, critical thinking, numeracy, graphs, Excel and time management. The unit starts in Week 3 of semester.

Lectures: 1 hour per week; tutorials: 3 hours per week.

Prerequisites: Nil.

Students enrolled in the Humanities and Social Sciences should enrol in TLC120 Introduction to University Learning instead of this unit.

Students with a non-English speaking background (ESL) should enrol in TLC121 Writing Academic English.

This unit is designed to develop academic skills for students with a weak science background who are commencing a science degree. It is not intended for students who have a strong science background, for example those who have completed TEE science subjects.

Router and Firewall Security (ICT613)

Credit Points: 3

MURDOCH: S1-internal

This unit examines current security threats to organisations and the necessary security processes required to mitigate these threats. Topics covered include: security policy design and management; security technologies, products and solutions, firewall and secure router design, installation, configuration and maintenance; AAA implementation using routers and firewalls; and virtual private networks.

Workshops: 3 hours per week.

Prerequisites: ICT535 Advanced Business Data Communications; enrolment in a graduate IT course or permission of the Academic Chair.

Exclusions: Students who have completed ICT672 Network Security may not enrol in this unit for credit.

SCADA and Systems Architecture (ENG448)

Credit Points: 3

Not available this year

School Experience: Primary BEd (EDU3154)

Credit Points: 2

MURDOCH: ST1-placement

ROCKINGHAM: ST1-placement

This unit is a two-week placement in a school which would typically occur in the fourth year of study in a Bachelor of Education or Bachelor of Education Graduate course. The 10-day placement provides opportunities for pre-service teachers to strengthen the nexus between theory and practice under the guidance of a Murdoch Supervisor. The AITSL standards frame the unit outcomes and expectations.

2 weeks full-time. Students will be attached to a school for this unit and if completing PIP and PI in the same year will return to the assigned school.

Prerequisites: Enrolment in BEd (Early Childhood and Primary) or BEd (Primary) or BEd (Primary)/BA (Australian Indigenous Studies) or BEd (Primary Graduate) and EDU101/EDU1011 Introduction to Teaching; successful completion of EDU3153 Primary Professional Experience or EDN3100 Professional Experience Primary and concurrent enrolment in EDU286 Primary Curriculum IV (Society and Environment, Science).

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students in the GradDipEd (Primary) should not enrol in this unit.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit. Students must lodge a MUSE Placement Form by the due date to the MUSE Office to activate and guarantee a school

placement. All students must have Internet access to LMS and SONIA Placement system

<http://myplacement.murdoch.edu.au/soniaeducation>

School Experience: Secondary BEd (EDU3161)

Credit Points: 2

MURDOCH: ST1-placement

Students undertake a two-week block of school-based experience. This is an opportunity to try a variety of techniques and approaches in a classroom context under the guidance of a Murdoch University Supervisor. Students must complete the required preparation to be eligible for a placement in schools. Students enrolled in required curriculum units externally must complete school experience in the Perth metropolitan area. This only applies if this is the first curriculum based school experience.

2 weeks full-time.

Prerequisites: Enrolment in a Bachelor of Education (Secondary) or Bachelor of Education (Secondary Graduate) course and successful completion of EDU101 Introduction to Teaching/EDN112 Understanding Teacher's Work or EDU1011 Introduction to Teaching/EDN1121 Understanding Teachers' Work as well as successful completion of EDU3163 School Experience: Secondary BEd/EDN2101 Professional Experience: B Ed Secondary plus students must have completed 18 points in their major area of study before enrolment in EDU3161.

Students must have both a current WA Department of Education National Criminal History Record Check and a Working with Children (Criminal Record Checking) Act 2004 clearance from the Department of Community Development on file in the Murdoch University School Experience (MUSE) Office prior to commencement of this unit.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Students in the GradDipEd (Secondary) should not enrol in this unit.

Schooling and Society (EDN331)

Credit Points: 3

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

This unit introduces students to the larger social context of education. Students will examine the relationship between education and the larger society; the aims of education and the ways these aims are expressed through policy and practice; and issues related to social division. Sociological, philosophical and political perspectives are used to explore how social justice relates to curriculum and classroom practices. The unit culminates in the development of a literature review which analyses a sociological or political aspect of education.

Lectures: 1 hour; workshops: 2 hours.

Prerequisites: Enrolment in a teacher education course. BEd students must ALSO have successfully completed EDU101/EDU1011 Introduction to Teaching AND EDU103 Principles of Language and Literacy; OR EDN112 Understanding Teachers' Work AND EDN111 Language for Learning and Teaching.
Co-requisite: Internet access if studying externally.

Schooling and Society (EDN3311)

As for EDN331 except:

Credit Points: 2

MURDOCH: S1-internal, S1-external

Schooling and Society - Research Skills (BED300)

Credit Points: 3

Not available this year

This unit enables prospective teachers to become intellectual professionals with experience in an educational research methodology by studying the societal discourses, past and present, that frame the profession of teaching. Students will conduct research using 'Critical Discourse Analysis' methodology as applied to populist media representations of teachers and schools. The aim of this unit is that the students will be able to analyse and negotiate the contested and complicated socially constructed terrain of the contemporary school..

Science and Religion (THE280)

Credit Points: 4

Not available this year

This unit looks at the relationship between science and religion in western culture which has been cooperative and confrontational. The unit will look at science and religion in the ancient world, the medieval world of Christianity and Islam, and the Enlightenment to the nineteenth century when there was a growing divide between the two worldviews. The second half of the unit will look at various issues in modern science and religion such as biology and medicine, and physics.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Science and Religion (THE480)**As for THE280 except:**

Credit Points: 4

Not available this year

Science and the Curriculum (Secondary) (Major) (EDN417)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit, through campus learning activities, aims to develop in students: awareness of, and competence with, methods used to promote working scientifically in secondary science classrooms; knowledge of curriculum developments in secondary science, and the ability to assess the suitability of these developments for local schools; and concern for, and competence with, strategies for promoting student interest in science.

All students will be expected to teach physics, chemistry, biology and Earth and environmental sciences in Years 7 to 10.

Lectures/workshops: 50 hours.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: Enrolment in a teacher education course [either BEd (Secondary) or BEd (Secondary) (Graduate) or GradDipEd (Primary) or GradDipEd (Secondary)]; successful completion of EDN112/EDN1121 Understanding Teachers' Work or EDU101/EDU1011 Introduction to Teaching; a major in a science

discipline relevant to high school science teaching.

Students should also be enrolled in EDN4101 School Experience: Secondary BEd for students enrolled in the Bachelor of Education (Secondary)/Bachelor of Science where taking this unit (EDN417) as a curriculum major

OR

Enrolment in EDN3101 School Experience: Secondary BEd for students enrolled in the Bachelor of Education (Secondary) and taking EDN317 as a curriculum minor

OR

Enrolment in EDU293 and EDU297: Secondary GradDipEd for students enrolled in the Graduate Diploma in Education (Secondary) and taking EDN417 as a curriculum major.

Science and the Curriculum (Secondary) (Minor) (EDN317)

Credit Points: 2

MURDOCH: S1-internal, S1-external

This unit, through campus learning activities, aims to develop in students:

awareness of, and competence with, methods used to promote working scientifically in secondary science classrooms; knowledge of curriculum developments in secondary science, and the ability to assess the suitability of these developments for local schools; and a concern for, and competence with, strategies for promoting student interest in science.

All students will be expected to teach physics, chemistry, biology and Earth and environmental sciences in Years 7 to 10.

Lectures/workshops: 26 hours.

Prerequisites: Enrolment in a teacher education course [either BEd (Secondary) or BEd (Secondary) (Graduate) or GradDipEd (Primary) or GradDipEd (Secondary)]; successful completion of EDN112/EDN1121 Understanding Teachers' Work OR EDU101/EDU1011 Introduction to Teaching; a major in a science discipline relevant to high school science teaching.

Curriculum teaching minor in Science requires enrolment in EDN3101 Professional Experience: BEd Secondary for students enrolled in the Bachelor of Education (Secondary) OR Enrolment in EDN2161 Professional Experience: Secondary Graduate for students enrolled in the Graduate Diploma in Education (Secondary).

Science Communication (EDN398)

Credit Points: 4

Not available this year

Science education as science communication: science teachers mediate between scientists and students in primary, secondary and postsecondary institutions; science journalists mediate between scientists and the general community. What is science communication and what are the dominant models? The main audiences? The contexts in which science communication occurs?

Prerequisites: For the 600-level version of the unit, enrolment in a Postgraduate qualification or permission of the Unit Coordinator.

Screen Production 1 (SCR101)**As for MCC128 except:**

Credit Points: 3

MURDOCH: S1-internal (quota of 102 places), S2-internal (quota of 102 places)

Exclusions: Students who have successfully completed MCC128 Screen Production I may not enrol in this unit for credit.

This unit is subject to quota. Quota is due to space and equipment constraints and the supervision demands of a production

environment. Preference will be given to students intending to major in Screen and Sound (BMedia).

Screen Production 2 (MCC226)

Credit Points: 4

MURDOCH: S1-internal (quota of 80 places)
DUBAI-ISC: TJD-internal, TSD-internal

This unit encourages students to develop their intellectual and expressive capacities in video production. Students are taught aesthetic and conceptual conventions, operational and technical skills, and the production process by means of demonstrations and individual and group work. Students collaboratively produce short creative works in high-definition video within their chosen genre and style, resulting in two complete show-reel production pieces.

Lectures: 1 hour per week; workshop: 2 hours per week.

Prerequisites: MCC128 Screen and Sound Production I (TV Studio) (or MED107 Screen and Sound Production I (TV Studio) or MED107 Screen Production I (TV Studio)) AND MCC116 Introduction to Screen and Sound Studies (or MED116 Introduction to Screen and Sound Studies or MED116 Introduction to Screen Studies).

Exclusions: Students who have successfully completed MED226 Screen and Sound Production II may not enrol in this unit for credit.

This unit is subject to quota. Quota is due to space and equipment constraints and the production intensity. Selection is based on grades achieved in prerequisites. Preference will be given to students in Screen Production (BMedia) and Sound (BMedia).

Screen Production 2 (SCR201)

As for MCC226 except:

Credit Points: 3

Not available this year

This unit is not subject to quota.

Screen Production I (MCC128)

Credit Points: 3

DUBAI-ISC: TJD-internal, TSD-internal

This is an introductory unit for students who wish to learn how to produce film and television. Students are introduced to a variety of existing production crafts that can be applied within a digital video environment. These include scriptwriting, editing, camera, performance, sound and producing. Students will use these practical creative skills, to produce short videos to develop an understanding of film style, performance and genre.

Lectures: 1 hour per week; workshops: 2 hours per week.

Note: Lectures and workshops/tutorials commence in Week 1 of the semester.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MED107 Screen and Sound Production I (TV Studio) or MCC128 Screen and Sound Production I (TV Studio) (or H222 Screen Production) may not enrol in this unit.

This unit is subject to quota. Quota is due to space and equipment constraints and the supervision demands of a production environment. Preference will be given to students intending to major in Screen and Sound (BMedia).

Screen Texts (MCC248)

Credit Points: 4

MURDOCH: S2-internal, S2-external
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S2U-internal
SGP1: TJB-internal, TSB-internal

This unit is designed as a direct follow-up to MCC116 Introduction to the Screen. It continues that unit's emphasis on the textual nature of film (image and sound), but does so from a combined perspective of political context, film history, and detailed film analysis drawn from a range of theoretical models.

Lectures/screenings: 3 hours per week; tutorials: 1.5 hours per week.

Prerequisites: MCC116 Introduction to Screen and Sound Studies (or MED116 Introduction to Screen and Sound Studies or MED116 Introduction to Screen Studies) OR EGL106 Introduction to Drama.

Exclusions: Students who have successfully completed MED232 Screen Texts may not enrol in this unit for credit.

Graduate, Postgraduate and Honours students should enrol in the higher-level code for this unit except where the course structure states otherwise. Students enrolled at the Dubai campus should enrol in MCC2481.

Screen Texts (MCC2481)

As for MCC248 except:

Credit Points: 4

DUBAI-ISC: TJD-internal, TSD-internal

This unit is restricted to students enrolled at the Dubai campus.

Screen Texts (SCR348)

As for MCC248 except:

Credit Points: 3

Not available this year

Screen: Small, Medium and Large (CMS201)

Credit Points: 3

Not available this year

This unit will provide historical perspectives on the emergence of cinematic, domestic and mobile screens. It will introduce students to a range of approaches in the study of contemporary screen culture and visual literacy. The unit will also consider the convergence and divergence of media platforms, interfaces and content. This will include issues concerning participatory media, gamification, remediation of old and new media and the ongoing evolution of the web.

Lecture: 1 hour; tutorial: 1.5 hours.

Second/Foreign Languages and the Curriculum (EDN3162)

Credit Points: 3

MURDOCH: S1-internal, S1-external

The aim of this unit is to provide intending teachers of a second or foreign language with necessary skills in the areas of curriculum design and implementation. The unit comprises the general study of language and the curriculum, together with providing some opportunity for working with specific language curricula. It examines language teaching practice, and gives students the opportunity to explore a variety of classroom techniques and approaches.

Lectures/workshops: 40 hours in Semester 1.

Second/Foreign Languages and the Curriculum (Major) (EDN416)

Credit Points: 4

MURDOCH: S1-internal, S1-external

The aim of this unit is to provide intending teachers of a second or foreign language with necessary skills in the areas of curriculum design and implementation. The unit comprises the general study of language and the curriculum, together with providing some opportunity for working with specific language curricula. It examines language teaching practice, and gives students the opportunity to explore a variety of classroom techniques and approaches.

Lectures/workshops: 50 hours.

Prerequisites: Students must have completed or currently be enrolled in EDN4101 School Experience: Secondary BEd for students enrolled in the Bachelor of Education (Secondary).

Second/Foreign Languages and the Curriculum (Minor) (EDN316)

Credit Points: 2

MURDOCH: S1-internal, S1-external

The aim of this unit is to provide intending teachers of a second or foreign language with necessary skills in the areas of curriculum design and implementation. The unit comprises the general study of language and the curriculum, together with providing some opportunity for working with specific language curricula. It examines language teaching practice, and gives students the opportunity to explore a variety of classroom techniques and approaches.

Lectures/workshops: 40 hours in Semester 1.

Prerequisites: Enrolment in a Teacher Education course; EDN112/EDN1121 Understanding Teachers' Work or EDU101/EDU1011 Introduction to Teaching. EDN416/EDN516: Languages (LOTE): Adequate language skills (this should be confirmed with the unit co-ordinator); TESL: high level of English language competence. EDN316: Languages (LOTE): Adequate language skills (this should be confirmed with the unit co-ordinator); TESL: Nil.

Enrolment in EDN3101 School Experience: Secondary BEd for students enrolled in the Bachelor of Education (Secondary) and taking EDN316 as a curriculum minor

OR

Enrolment in EDN2161 School Experience: Secondary GradDipEd for students enrolled in the Graduate Diploma in Education (Secondary)

OR

Students enrolled in the Bachelor of Education (Primary) or Bachelor of Education (Primary) (Graduate) may enrol in EDN416 in lieu of EDN224 Education for Social Justice: Bridging the Gap

OR

Students enrolled in the Graduate Diploma in Education (Primary) may enrol in EDN3162 in lieu of EDN331 Schooling and Society or EDN332 Children, Families and Communities.

Curriculum teaching minor in Second/Foreign Languages requires a minimum of two units (6 points) at Part I-level and at least one unit (4 points) at Part II-level from the Asian Studies majors or the equivalent level and proficiency.

Security and Terrorism in India (POL314)

Credit Points: 4

Not available this year

India is a rising superpower and an economic powerhouse. It is, however, a country with enormous security problems particularly the threat of terrorism. This unit will provide students with an opportunity to study in India and learn from Indian experts about the various security threats that India is facing and how it is coping with these challenges. Students will also be able to experience first-hand the diversity of Indian culture and the Indian way of life.

This unit is a 5 week intensive unit that will include a two week period in India. Students will be required to attend a pre-departure seminar in Perth. Details will be provided to enrolled students. Whilst in India, students will be taught intensively over a two week period at two different locations - Delhi and Mumbai. There will be a total of 14 two hour long seminars. There will also be field visits to several locations in Delhi and Mumbai to witness first-hand the effects of terrorist attacks. Upon return to Perth, students will have to complete unit assignments (presentation of a travel diary and a major essay) and take a closed book final exam.

Prerequisites: Approval of the Unit Coordinator.

Enrolment in this unit is by application and applications require payment of a non-refundable deposit. The tour costs will include airfares, airport transfers, accommodation, tours and transport through India. Prices are subject to exchange rate fluctuations. Students are also required to pay for and are responsible for their own incidental expenses, including passport, visa, vaccinations, personal health items, personal shopping and some meals.

This unit is subject to quota. Quota is to facilitate logistics and planning in India. Preference will be given to undergraduate students in the BA in Security, Terrorism and Counterterrorism Studies or the BA in Politics and International Studies.

Security Architectures and Systems Administration (ICT379)

Credit Points: 3

Not available this year

Semester in China/Australia (BUS347)

Credit Points: 12

Not available this year

There are 2 streams in this unit as students will be placed in respective business organisations. Students could gain first-hand experiences in China or an Australian organisation and gain experiences of language training in China and also work experiences in Chinese/Australian organisations. By the end of the semester, they will gain a good grasp of contemporary Chinese culture and society, the issues impacting on internationalising firms and the issues Australian and Chinese firms have to negotiate and resolve.

Prerequisites: BUS233 Conversational Chinese and BUS241 Contemporary China or permission of the Unit Co-ordinator; permission from the Discipline Leader.

A result of Ungraded Pass or Fail is awarded for this unit.

Semester in Indonesia (IND243)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Students spend a semester studying at an Indonesian university, undertaking various studies, which may include intensive language, fieldwork and area studies.

Prerequisites: Vary, but admission requires permission of the Unit Coordinator and at least a credit average in Murdoch units. Host institutions may have particular requirements for admission.

A result of Ungraded Pass or Fail is awarded for this unit.

Students can take a maximum of 24 points in this unit. Places are limited and all intending students must apply to the Academic Chair. Strict conditions and additional costs may apply. Postgraduate students should enrol in the higher-level code for this unit except where the course structure states otherwise. Contact the Asian Studies Office for further information. Students undertaking this unit will need to be aware of Travel Advisories as published by the Department of Foreign Affairs and Trade (DFAT).

Semester in Indonesia (IND443)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Students spend a semester studying at an Indonesian university, undertaking various studies, which may include intensive language, fieldwork and area studies.

Prerequisites: Vary, but admission requires permission of the Unit Coordinator and at least a credit average in Murdoch units. Host institutions may have particular requirements for admission

A result of Ungraded Pass or Fail is awarded for this unit.

Students can take a maximum of 24 points in this unit. Places are limited and all intending students must apply to the Academic Chair. Strict conditions and additional costs may apply. Postgraduate students should enrol in the higher-level code for this unit except where the course structure states otherwise. Contact the Asian Studies Office for further information. Students undertaking this unit will need to be aware of Travel Advisories as published by the Department of Foreign Affairs and Trade (DFAT).

Semester in Indonesia (IND543)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Students spend a semester studying at an Indonesian university, undertaking various studies, which may include intensive language, fieldwork and area studies.

Prerequisites: Vary, but admission requires permission of the Unit Coordinator. Host institutions may have particular requirements for admission. Plus IND361 Indonesian III (minimum 4 points).

A result of Ungraded Pass or Fail is awarded for this unit.

Students can take a maximum of 24 points in this unit. Places are limited and all intending students must apply to the Academic Chair. Strict conditions and additional costs may apply. Postgraduate students should enrol in the higher-level code for this unit except where the course structure states otherwise. Contact the Asian Studies Office for further information. Students undertaking this unit will need to be aware of Travel Advisories as published by the Department of Foreign Affairs and Trade (DFAT).

Semester in Japan (JPN443)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

This unit encompasses various studies in Japan, including intensive language, fieldwork and area studies.

Prerequisites: Requires permission of the Unit Coordinator and at least a credit average in Murdoch units. Host institutions have

particular requirements for admission.

A result of Ungraded Pass or Fail is awarded for this unit.

Students can take a maximum of 24 points in this unit. Places are limited and all intending students must apply to the Unit Co-ordinator. Strict conditions and additional costs apply. Contact the Unit Co-ordinator for further information. Students undertaking this unit will need to be aware of travel advice as published by the Department of Foreign Affairs and Trade (DFAT).

Semester in Japan (JPN543)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

This unit encompasses various studies in Japan, including intensive language, fieldwork and area studies.

Prerequisites: Requires permission of the Unit Coordinator. Host institutions have particular requirements for admission.

A result of Ungraded Pass or Fail is awarded for this unit.

Places are limited and all intending students must apply to the Unit Co-ordinator. Strict conditions and additional costs apply. Contact the Unit Coordinator for further information. Students undertaking this unit will need to be aware of travel advice as published by the Department of Foreign Affairs and Trade (DFAT).

Seminar in the Study of Religion (REL311)

Credit Points: 3

Not available this year

This unit will focus on advanced theoretical and methodological approaches to the study of religion. The unit will use one or more specific religious traditions as the focal point. This unit is the capstone experience for the Religion major. The key component of the unit will be a research project that demonstrates the learning outcomes of the major.

Seminar- 2 hours per week

Prerequisites: Completion of a minimum of 48 points, including a minimum of 15 points in Religion. The 15 points in Religion must include the identified core units from years 1 and 2.

Seminars in Veterinary Clinical Studies (VET679)

Credit Points: 3

MURDOCH: H-internal, Y-internal

This unit explores issues that are pertinent to all areas of clinical veterinary medical research. The students are required to present one formal seminar during the unit, to critique and reflect on 6 of the seminars presented, and attend and participate in discussion/questions.

There are approximately 25 seminars scheduled per year. Attendance at >80% (> 20) is necessary.

Prerequisites: Enrolment into Master of Veterinary Clinical Studies, or enrolment into Doctor of Veterinary Medical Science.

Sentencing and Penology (CRM320)

As for LAW320 except:

Credit Points: 4

MURDOCH: S1-internal

Lectures: 3 hours per week.

Prerequisites: LEG100 Law, Justice and Social Policy or LEG150 Australian Legal System or permission of the Unit Coordinator and Academic Chair.

Students taking the unit at the advanced level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills. Students enrolled in the LLB/BCrim joint degree must enrol in the CRM220 version of the unit; they must not enrol in the LAW420 version of the unit.

Sentencing and Penology (CRM388)**As for LAW320 except:**

Credit Points: 3

Not available this year

Sentencing and Penology (LAW320)

Credit Points: 4

MURDOCH: S1-internal

This unit investigates the theory and practice of sentencing for criminal offences. Attention will be given to the established and statutory reasons and justifications for sentencing and the appropriate use of them. Focus will be placed on the concepts of sentence administration and the contemporary issues and challenges facing correctional institutions in Western Australia. The unit will consider aspects of the following statutes and their interpretation: Prisons Act 1981 (WA); Sentence Administration Act 2003(WA); and Sentencing Act 1995(WA).

Lectures: 3 hours per week.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW130 Criminal Law and Procedure.

Students taking the unit at the advanced level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills. Students enrolled in the LLB/BCrim joint degree must enrol in the CRM220 version of the unit. They must not enrol in the LAW420 version of the unit.

Sentencing and Penology (LLB388)**As for LAW320 except:**

Credit Points: 3

Not available this year

Services Marketing (BUS268)

Credit Points: 4

MURDOCH: S1-internal, S1-external
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
KDUPJ: S1U-internal
SGP1: TJB-internal, TSB-internal

The learning objectives of this unit are based on analysing the differences between services and tangible goods, and the marketing implications of those differences. The development of marketing strategies for service organisations will be critically examined and include conducting research projects of selected service organisations. The importance of services marketing, online and

offline, in both service and manufacturing industries will be analysed together with customer service, relationship marketing and service quality concepts.

Lectures/workshops: 3 hours per week.

Prerequisites: BUS169 Principles of Marketing

Exclusions: Students who have successfully completed BUS324 Services Marketing cannot enrol in this unit for credit.

Services Marketing (BUS296)**As for BUS268 except:**

Credit Points: 3

Not available this year

Sex and Gender Matters (POL216)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit critically engages with a range of perspectives and debates on sex and gender - and why these matter for life, happiness and social justice. Topics covered will include: sex and identity; gender and nature; hegemonic masculinities; gender and work and affirmative action; gender and war; global gender justice and development. Students have the opportunity to research topics of their own interest and to translate their findings into recommendations for action.

Lectures/seminars: 3 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed POL313 Gender and Development, may not enrol in this unit for credit.

Sex and Gender Matters (POL226)**As for POL216 except:**

Credit Points: 3

Not available this year

Shakespeare (EGL308)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit addresses questions surrounding the canonical status in literary and theatrical fields of the Shakespearean text and focuses on ways in which power functions in the cultural matrix within which Shakespearean productions, written or performed, occur. The unit will provide students with an introduction to Shakespeare 'poetics', and an opportunity to read closely several plays. The workshop component has a Theatre in Education focus and adapts a Shakespearean play for public performances.

Lectures: 1 hour per week; tutorials 1 hour per week; workshops 2 hours per week.

Prerequisites: Nil.

Shakespeare (EGL348)**As for EGL308 except:**

Credit Points: 3

Not available this year

Shipping Law (LAW339)

Credit Points: 4

Not available this year

This unit provides an overview of the law applicable to the commercial trade of shipping. It deals with the legal relationships brought about during carriage of goods by sea, including bills of lading, waybills, and the various types of charter parties. The unit considers the complex matrix created by custom, principles of common law (such as tort, contract and bailment) and civil law, international conventions and the laws of individual nations in governing this important area of commercial trade.

3 hours per week.

Prerequisites: LEG120(prior to 2012)/LAW120 Research and Writing, LEG150(prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract.

Shipping Law (LLB339)*As for LAW339 except:*

Credit Points: 3

Not available this year

Small Animal Medicine (VET452)

Credit Points: 4

MURDOCH: S2-internal

This unit teaches rational approaches to medical problems (both diagnosis and treatment) encountered in dogs and cats. Lectures follow a body system program and laboratories will reinforce these principles in a practical setting. Students at the end of this unit will be able to formulate differential diagnoses lists, diagnostic plans and treatment options for a wide variety of clinical problems.

Lectures: 60 hours; practicals: 24 hours.

Prerequisites: Enrolment in Applied Veterinary Medicine. Completion of VET459 Surgical Secrets, VET456 Anaesthesia, Emergency and Critical Care, VET462 Veterinary Diagnostic Imaging, VET461 General Small Animal Practice.

Small Animal Practice I (VET585)

Credit Points: 3

MURDOCH: YM-internal

This is one of two units (SAP 1 and SAP 2) that offer supported practical training across all aspects of small animal practice. Multiple types of training are offered continuously and students rotate through in small groups. SAP 1 includes Small Animal Medicine, General Practice, Shelter Medicine, Dentistry, Wildlife Medicine and Ophthalmology.

Tutorials and clinic training: 30 hours per week average.

Prerequisites: Pass grade in VET419, VET451, VET453, VET454, VET455, VET457, VET458, VET459, VET463.

Successful completion of SAP 1 and SAP 2 is a prerequisite for graduation with a BVMS degree.

Small Animal Practice II (VET586)

Credit Points: 3

MURDOCH: YM-internal

This is one of two units (SAP 1 and SAP 2) that offer supported practical training across all aspects of small animal practice. Multiple types of training are offered continuously and students rotate through in small groups. SAP 2 includes Small Animal

Surgery, Anaesthesia (large and small animal), Emergency and Critical Care and Dermatology. Students completing these units will graduate competent for registration and employment in small animal clinical practice.

Tutorials and clinical training: average 30 hours per week.

Prerequisites: Pass grade in VET419, VET451, VET459, VET453, VET454, VET455, VET457, VET458, VET463.

Successful completion of SAP 1 and SAP 2 is a prerequisite for graduation with a BVMS degree.

Small Animal Surgery (VET457)

Credit Points: 3

MURDOCH: YM-internal

This unit covers the fundamentals of surgical management of diseases of the dog and cat. The unit content is presented on a systems basis, with the major soft tissue areas (gastrointestinal, urinary, reproductive, cardiorespiratory) covered in Semester 1, and orthopaedics and neurology presented in Semester 2. Laboratory classes are used to develop surgical and other clinical skills.

Lectures: 48 hours in S1; laboratories: 72 hours over S1 and S2.

Prerequisites: Enrolment in Applied Veterinary Medicine. Completion of VET459 Surgical Secrets, VET456 Anaesthesia, Emergency and Critical Care, VET462 Veterinary Diagnostic Imaging, VET461 General Small Animal Practice.

Small Ruminant Medicine and Production (VET419)

Credit Points: 2

MURDOCH: S2-internal

This unit covers the diagnosis, treatment, prevention and control of diseases of sheep and goats. Particular emphasis is placed on the prevention of disease and correction of management and nutritional factors affecting production. The general principles involved in the investigation of sheep flock and goat herd problems and formulation of herd and flock health and production programs is emphasised.

Lectures: 36 hours; laboratories: 12 hours.

Prerequisites: Enrolment in Applied Veterinary Medicine. Completion of VET459 Surgical Secrets, VET456 Anaesthesia, Emergency and Critical Care, VET462 Veterinary Diagnostic Imaging, VET461 General Small Animal Practice.

Social and Environmental Financial Performance (BUS249)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit studies the impact of information on the decision making processes within organisations that affect the natural and social environment. Topics include environmental financial reporting, environmental management control, triple bottom-line reporting, environmental accountability, environmental auditing. The unit has an information user perspective covering theoretical and practical elements such as eco-efficiency, legitimacy and stakeholder issues.

Lectures/workshops: 3 hours per week.

Prerequisites: Nil.

Social and Welfare Law (LAW323)

Credit Points: 4

MURDOCH: S2-internal

An introduction to substantive areas of law which affect the majority of average, low-income citizens. Specific areas which may be explored: social security law, landlord/tenant law, public housing law, criminal injuries compensation, and domestic violence. This unit will also focus on the manner in which problems and disputes in each of the areas are addressed and resolved by legal and government institutions. This unit will be valuable for those students intending to work in community law centres.

Seminars: 3 hours per week.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract.

Students taking the unit at the advanced level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills.

Social and Welfare Law (LEG223)*As for LAW323 except:*

Credit Points: 4

MURDOCH: S2-internal

Seminars: 3 hours per week.

Prerequisites: LEG100 Law, Justice and Social Policy or LEG150 Australian Legal System (prior to 2011) or permission of the Unit Coordinator and Academic Chair.

Students taking the unit at the advanced level will be required to demonstrate an ability to work on topics that require more independent thinking and advanced research or analytical skills.

Social and Welfare Law (LEG323)*As for LAW323 except:*

Credit Points: 3

Not available this year

Social and Welfare Law (LLB323)*As for LAW323 except:*

Credit Points: 3

Not available this year

Social Policy for the Contemporary World (SWM626)

Credit Points: 3

Not available this year

How do social issues emerge onto the policy agenda? This unit explores the relationship between government and the role of the community in the development and implementation of social policy. It covers a range of theoretical perspectives that have informed the development of social policy; it emphasises the role of language in the construction of social policy problems; and it provides students with the conceptual and analytical tools to critically assess the social policy options available in contemporary society.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Exclusions: Students who have successfully completed COD655 Community and Social Policy may not enrol in this unit for credit.

Social Research Methods (SOC222)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit is designed to develop students' understanding of a range of research techniques used in the social sciences, from action research to surveys, and of relevant philosophical and ethical considerations. Students obtain first-hand experience with some of the methods. Lectures and workshops equip students to understand and critique social research. Examples of research from sociology, psychology, education, community development, tourism and other social sciences are used to illustrate research strategies.

Lectures/workshops: 3 hours per week.

Prerequisites: No knowledge of statistics is required.

Social Science Research Design (SWM618)

Credit Points: 3

MURDOCH: S1-internal

Develop the skills required to devise robust research projects. This unit emphasises the importance of aligning the core research question of a project with an appropriate research design. A range of research strategies are considered for the conceptualisation and execution of problem-driven social research. Key issues include the research puzzle, the literature review, methodology, ethics, and the development of effective research proposals. Students will be provided with the tools involved in the preparation and development of social science research.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in the Master of Public Policy and Management, Master of Development Studies, or Master of International Affairs; completion of at least 24 credit points. Co-requisite: SSH617 Supervised Research Thesis.

Society and Environment Curriculum (Secondary) (Major) (EDN418)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit encourages students to develop a critical understanding of the principles and practices of teaching and learning in the Society and Environment learning area in Western Australian secondary schools. Particular attention is given to the construction of Society and Environment curricula within the context of the Western Australian Curriculum Framework and in the Australian Curriculum. The unit explores the various ways in which student learning outcomes may be developed, monitored and assessed.

Lectures/workshops: two 2-hour workshops per week during semester (40 hours).

Prerequisites: Enrolment in a teacher education course [either BEd (Secondary) or BEd (Secondary) (Graduate) or GradDipEd (Secondary)]; successful completion of EDN112/EDN1121 Understanding Teachers' Work or EDU101/EDU1011 Introduction to Teaching.

EDN418: completion or near completion, of a major in the Social Sciences or its equivalent and enrolment in EDN4101 School Experience: Secondary BEd for students enrolled in the Bachelor of

Education (Secondary).

Society and Environment Curriculum (Secondary) (Minor) (EDN318)

Credit Points: 2

MURDOCH: S1-internal, S1-external

This unit encourages students to develop a critical understanding of the principles and practices of teaching and learning in the Society and Environment learning area in Western Australian secondary schools. Particular attention is given to the construction of Society and Environment curricula within the context of the Western Australian Curriculum Framework and in the Australian Curriculum. The unit explores the various ways in which student learning outcomes may be developed, monitored and assessed.

Lectures/workshops: 4 hours per week in Semester 1.

Prerequisites: Enrolment in a teacher education course [either BEd (Secondary) or BEd (Secondary) (Graduate) or GradDipEd (Secondary)]; successful completion of EDN112/EDN1121 Understanding Teachers' Work or EDU101/EDU1011 Introduction to Teaching.

At least 4 points at Part II-level in the Social Sciences or its equivalent and enrolment in either EDN3101 School Experience: Secondary BEd for students enrolled in the Bachelor of Education (Secondary) or EDN2161 School Experience: Secondary GradDipEd for students enrolled in the Graduate Diploma in Education (Secondary).

Curriculum teaching minor in Society and Environment requires a maximum of two units (6 points) at Part I-level and at least one unit (4 points) at Part II-level from one of the following majors: Asian Studies, Australian Indigenous Studies, Community Development, Criminology, Economics, History, Legal Studies, Philosophy, Politics and International Studies, or Sociology.

Society, Culture and Ecology in Asia (AST250)

Credit Points: 4

MURDOCH: S1-internal, S1-external

Asia is a region of extraordinary cultural and ecological diversity. This unit combines approaches from anthropology, sociology and ecology to explore the 'traditional' adaptations and 'modern' transformation of cultures in the region. The effects of globalisation and development policies on these societies will be considered, with special attention to indigenous minorities and rural communities. The impacts of changing cultural values and social relations through the green revolution, population pressure, urbanisation, industrialisation, deforestation and tourism will also be addressed.

Lectures: 2 hours per week; films: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Society, Culture and Ecology in Asia (AST350)

As for AST250 except:

Credit Points: 3

Not available this year

Sociology and Everyday Life (SOC205)

Credit Points: 3

Not available this year

Rapid social and technological change and related processes, such as those of globalisation and individualisation, means we now seem less able to take our everyday lives for granted. This unit illustrates how the study of sociology, a discipline that is currently not well

understood in our community, can enhance our ability to reflect upon and respond to these processes.

Prerequisites: Nil. Highly recommended: Introduction to Sociology.

Exclusions: Students who have successfully completed SOC105 Sociology and Everyday Life cannot enrol in this unit for credit.

Sociology of Law (SOC202)

As for SOC262 except:

Credit Points: 3

Not available this year

Exclusions: Student who have successfully completed SOC262 Sociology of Law may not enrol in this unit for credit.

Sociology of Law (SOC262)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit aims to acquaint students with analytical tools for exploring the social operation of law and to provide an overview of debates within sociology about the best way to approach questions of law. Students will be encouraged to analyse a range of issues where law and society meet including the legal profession, crime, police, torture and punishment.

Lectures/seminars/tutorials: up to 3 hours per week.

Prerequisites: Nil.

Software Architectures (ICT306)

Credit Points: 4

MURDOCH: S1-internal, S1-external
DUBAI-ISC: TJD-internal, TMD-internal
KAPLAN-SGP: TMA-internal

The objectives of this unit are to study different software architectures and their implications for software design. Major topics include: pipe-filter architecture and regular expressions, Client-Server architecture, batch versus run-time validation design, object-oriented design and UML, dynamic binding and inheritance, event-based architecture, finite state machines and GUI design, Petri Nets, multithreading and synchronisation, layered architectures, design patterns and other architectures. The Java programming language will be used to demonstrate implementations.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: ICT104 Principles of Computer Science; ICT231 Systems Analysis and Design OR ICT239 Software Development Frameworks.

Software Architectures (ICT373)

As for ICT306 except:

Credit Points: 3

Not available this year

Software Development Frameworks (ICT239)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit aims to provide an introduction to software development frameworks with an emphasis on language interoperability, platform independence and software reuse using Microsoft .NET Framework. Topics include: Common Language Runtime, .NET Framework Class Library, C# and other .NET languages, and application packaging and deployment. It also discusses the history

and background of .NET and its relationship with J2EE.

Lectures: 2 hours per week; laboratories: 2 hours per week.

Prerequisites: ICT102 Introduction to Computer Science.

Software Development Frameworks (ICT365)

Credit Points: 3

Not available this year

Software Engineering (ICT381)

Credit Points: 4

Not available this year

This unit explores the theory and practice of system development by considering software processes, their management, planning, measurement and improvement. Specific skills covered are: estimation, planning, VV&T, configuration management, defect analysis, quality procedure writing, use of ISO standards (9001 and 15504), user contact, risk management and design and use of quality and complexity metrics. There will also be consideration of formal methods and fault tolerance for highly reliable and safety critical systems plus human factors and professional issues.

Lectures and tutorials: up to 3 hours per week.

Prerequisites: ICT231 Systems Analysis and Design.

Students normally take this unit in their final year.

Software Quality Management (ICT340)

Credit Points: 4

Not available this year

This unit introduces the theory and practice of general software quality management including the theory of software production as a process and the issues of practical management of the process in a large industrial setting. Topics: validation, verification, testing, configuration management, reliability modelling, standards and procedures (including ISO 9000).

Lectures and practice sessions: up to 3 hours per week.

Prerequisites: B231/ICT231 Systems Analysis and Design or M229/B229 Systems Analysis.

Solar Architecture and Health in Buildings (PEC671)

Credit Points: 4

MURDOCH: S2-external

The unit, available only to graduate architects in the Master of Science in Environmental Architecture, looks at solar architecture and health in buildings. It starts with an investigation of design solutions for commercial/institutional design in various climates. As part of this it looks at 'solar' philosophy and ethics. The unit also then looks at sick building syndrome, health and solar design, and healthy building design principles.

This unit will be run as an online external unit.

Prerequisites: PEC370/PEC670 Energy Efficient Buildings and enrolment in the Master of Science in Environmental Architecture.

Solar Thermal and Biomass Engineering (ENG441)

Credit Points: 3

Not available this year

Soldiers and Civilians: War in the Pacific 1941-1945 (HIS226)

Credit Points: 4

Not available this year

This unit consists of a comparative history of the Pacific War, considering Japanese, Australian and American perspectives and the war in its political, social, cultural and military aspects. Topics include the role of the Japanese emperor, the debate over the Pearl Harbor attack, the experience of Australian prisoners-of-war, Japanese wartime civilian experience, the internment of Japanese civilians in Australia and the USA, the importance to all sides of concepts of race, the naval war and kamikaze pilots.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Soldiers and Civilians: War in the Pacific 1941-1945 (HIS258)

As for HIS226 except:

Credit Points: 3

Not available this year

Sonnet to Song: Understanding Poetry (EGL331)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit introduces students to the study of poetry from the sonnet form through to poetic song lyrics. The emphasis is on understanding, appreciating and enjoying the poem. The unit deals with the nature of poetic genres, theories of classification, processes of reading, methods of analysis and key issues in the interpretation of poetry. No previous experience in studying poetry is necessary. It will be possible to write a poem for one of the assignments.

Lecture: 1 hour; tutorial: 1.5 hours

Prerequisites: EGL121 Turning Points in Literature

Sonnet to Song: Understanding Poetry (EGL344)

As for EGL331 except:

Credit Points: 3

Not available this year

Sound Design (MCC376)

Credit Points: 4

MURDOCH: S1-internal

Sound Design as a term refers both to the creation of individual sounds and the overall discipline of creating a unified sound component of a creative work. This unit extends skills in recording, editing and mixing sounds to create and synthesise new sound elements, or entire soundtracks, for particular outputs such as industrial sound design, film and television, installations, as well as interactive media such as games or simulations.

Lectures: 1 hour per week; tutorials/workshops: 2 hours per week.

Prerequisites: MCC268 Music Technology AND MCC214 Sound Production

Sound Design (SOU376)*As for MCC376 except:*

Credit Points: 3

Not available this year

Sound Production (MCC214)

Credit Points: 4

MURDOCH: S2-internal (quota of 60 places)

Combines critical study of the production of sound for media with an opportunity to develop skills in its use and application in areas such as film and television, radio, music and multimedia projects. Gain an understanding of a range of sound production techniques, such as microphone usage, sound mixing, analogue and digital production techniques, with an introduction to acoustics and psychoacoustics. Access industry standard equipment and technical training, and develop professional, technical and artistic skills and practices.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: MCC105 Introduction to Radio and Sound (or MED117 Introduction to Radio and Print Production or MED117 Introduction to Radio).

Exclusions: Students who have successfully completed MED214 Sound may not enrol in this unit for credit.

This unit is subject to quota. Quota is due to space and equipment constraints and the supervision demands of a production environment. Selection is based on: best mark in the prerequisite unit; best overall academic performance; Unit Coordinator's discretion when other factors need to be considered.

Sound Production (SOU214)*As for MCC214 except:*

Credit Points: 3

Not available this year

This unit is not subject to quota.

Sound Projects (SOU378)

Credit Points: 3

Not available this year

Soundtrack (MCC377)

Credit Points: 4

MURDOCH: S2-internal

Sound used in conjunction with images provides a powerful yet invisible way of affecting our experience. This unit aims to explore the use of sound with pictures in films, television and games. The creative use of sound and music in drama, children's television, first person player games and documentary are among the areas that are examined. Students will gain a critical awareness of the potential of sound and music with moving images.

Lectures: 1 hour per week; tutorials/workshops: 2 hours per week.

Prerequisites: MCC169 Introduction to Sound Studies

Soundtrack (SOU377)*As for MCC377 except:*

Credit Points: 3

Not available this year

Special Topics in Applied Psychology (PSY508)

Credit Points: 3

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Asian Studies: Study Tour to Japan (AST253)

Credit Points: 4

MURDOCH: WU1-internal (quota of 24 places)

This unit offers first-hand intense experiences in learning history and culture of Japan, the highlight of which is a 17-day study tour based at Kyoto, Japan's cultural heart. After a series of lectures on campus, the tour group will travel to Japan to visit world-heritage temples, shrines, castles, palaces and various museums in Kyoto, Nara, Osaka, Hiroshima and Tokyo. Participants will conduct a number of activities including fieldwork research and cultural exchange with Japanese students.

Lectures: 6 x 2 hours each prior to departure (during non-teaching weeks in S2). 17-day tour from early December. Final assignments due in late January. Dates and time will be advised to participants.

Prerequisites: Eligibility to undertake Part II units.

This unit is subject to quota. Quota is due to limited transport and accommodation. Selection will be made based on the applications with emphasis on previous studies, interests and academic performance.

Special Topics in Australian Indigenous Studies (AIS250)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Australian Indigenous Studies (AIS530)

Credit Points: 3

Topic not currently available

Prerequisites: Enrolment in an Honours or Postgraduate course.

Special Topics in Biological Sciences and Biotechnology (BIO280)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Biotechnology (BIO470)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Business (BUS201)

Credit Points: 3

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Business (BUS2011)

Credit Points: 3

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Business (MBS6991)

Credit Points: 3

Topic not currently available

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Special Topics in Business: Global Financial Management (MBS699)

Credit Points: 3

MURDOCH: S1-internal

This unit aims to expand professionals' knowledge of financial management in the global business environment. Fundamental concepts necessary to understand the operation of business in the international market are introduced. To be specific, the concepts include an overview of global financial management and financial markets environment, determination of exchange rate, currency derivatives, international parity conditions, exchange rate risk management, foreign direct investment, international corporate governance, cost of capital and capital structure in the international business perspective.

Workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate-level course.
Recommended: MBS605 Business Finance.

Special Topics in Chiropractic (CHI332)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Criminology (CRM300)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Criminology (CRM3002)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Cultural Studies (MCC570)

Credit Points: 4

Topic not currently available

Prerequisites: Enrolment in an Honours or Postgraduate course.

Special Topics in Development Studies (SWM640)

Credit Points: 3

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Economics (BUS200)

Credit Points: 3

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Education (EDN411)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Education (EDU611)

Credit Points: 3

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Education: Creed and Sacraments in Catholic Schools (EDN211)

Credit Points: 4

MURDOCH: SUM-internal

This unit is designed for students considering teaching in Catholic schools in Western Australia. The unit explores the core beliefs of the Catholic tradition expressed in 'creeds of faith' and the place of the religious celebrations known as 'sacraments' in the life of the Catholic community. Knowledge and understanding of 'creed' and 'sacraments' will be linked to the teaching of the Religious Education Program (K-12) used in Catholic schools in Western Australia.

There is a compulsory on-campus component in January, consisting of 8 half days' contact time. This is in addition to study time prior to and after the intensive teaching period.

Prerequisites: Nil.

Special Topics in Education: Learning and Teaching Mathematics in Years 7 to 9 (EDN311)

Credit Points: 4

MURDOCH: W4-internal

This unit focuses on the Australian Curriculum: Mathematics specifically at the Years 7 to 9 levels. It has a dual purpose: to facilitate students learning the mathematical content knowledge as they deal with the pedagogical aspects of teaching mathematics. Some use of digital technologies such as GeoGebra, Excel and the calculator will be included. Assessment will include both the content knowledge as well as the pedagogical aspects of teaching mathematics at the mid-secondary levels.

Lectures/tutorials: 3 hours per week.

Prerequisites: At least a Distinction grade in both EDN114 Thinking Mathematically and EDN333 Teaching Mathematics in Primary Schools, or at least a Distinction grade in EDN3331 Teaching Mathematics in Primary Schools.

Special Topics in Education: Teaching Big Ideas in School Science (EDU511)

Credit Points: 3

MURDOCH: S1-internal

The Australian science curriculum supports the notion of overarching science knowledge and skills that represent big ideas. We explore the pedagogical content knowledge associated with these big ideas in science, including the particle nature of matter, energy and energy transformations, what is living?, and the structure of the Earth and the Universe. This exploration of big ideas is based on readings in science education research literature with emphasis on applications for facilitating student understanding in science classrooms.

Workshops: 1 week intensive.

Prerequisites: EDU101 Introduction to Teaching or EDN112 Understanding Teachers' Work; completion of 48 credit points at Part II.

Special Topics in Energy Studies (PEC297)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Energy Studies (PEC597)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Prerequisites: Enrolment in an Honours or Graduate course.

Special Topics in Environmental Science (ENV330)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in History (HIS287)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in History (HIS2871)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Information Technology (ICT228)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Information Technology (ICT330)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Information Technology (ICT560)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Information Technology (ICT660)

Credit Points: 3

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in International Affairs (SWM650)

Credit Points: 3

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Language (EGL227)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Law (LAW3003)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Law (LAW3004)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

A result of Ungraded Pass or Fail is awarded for this unit.

Special Topics in Law (LAW3005)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Law (LAW3006)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Law: Cross Border Business Relations (LAW300)

Credit Points: 4

MURDOCH: T1-internal (quota of 50 places)

The unit will address legal issues arising in cross-border business relations in a international and comparative manner and from a variety of perspectives. The (international) conflict of law perspective will not only address questions of the applicable law but also the choice of forum problem. Important procedural questions range from the preferable dispute resolution system (state-based courts or private arbitration), to the service of documents to issues around evidence and the enforcement of judgements in other jurisdictions.

Taught intensively over one week. Refer to timetable for details.

Prerequisites: Enrolment in the Bachelor of Laws; all Part I Law units; LAW260 Contract.

This unit is subject to quota. Quota is due to limited resources.

Special Topics in Law: Oil and Gas Law (LAW3002)

Credit Points: 4

MURDOCH: SUM-internal

This unit provides students with an overview of all aspects of upstream petroleum activities, including, licensing, exploration and production, safety, environmental requirements and well integrity. It will provide a comparative study of the main developed licensing and concession regimes, and will incorporate examples from Australia, UK, Norway, USA and Canada. At the course conclusion, students will be familiar with how petroleum activities are regulated in these countries, and the structure and function of the legal frameworks that regulate these activities.

Taught intensively over one week. Refer to timetable for details.

Prerequisites: Enrolment in the Bachelor of Laws; All Part I Law units; LAW260 Contract.

Special Topics in Legal Studies (LEG300)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Legal Studies (LEG3001)

Credit Points: 4

Topic not currently available

Special Topics in Media (MCC2601)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Media Production (MCC260)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Philosophy (PHL283)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Philosophy (PHL483)

Credit Points: 4

Topic not currently available

Special Topics in Politics and International Studies (POL219)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Honours and Graduate students should enrol in the higher-level code for this unit.

Special Topics in Politics and International Studies (POL2191)*As for POL219 except:*

Credit Points: 4

Topic not currently available

Honours and Graduate students should enrol in the higher-level code for this unit.

Special Topics in Politics and International Studies (POL419)*As for POL219 except:*

Credit Points: 4

Topic not currently available

Special Topics in Psychology (PSY252)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Public Policy and Management (SWM660)

Credit Points: 3

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Public Policy and Management: Parliamentary Studies (POL604)

Credit Points: 4

Topic not currently available

Examines how parliaments and legislatures operate and is founded on the basis of theoretically-informed but policy-relevant research. It provides students with a sense of why cultures, traditions and informal relationships matter as much (if not more) than formal procedures. This comparative unit is offered in association with the Parliament of Western Australia. It represents the first unit of its kind in Australia and is designed to be of particular value to students considering a career in public service.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Special Topics in Sociology (SOC272)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Sustainability (SUS250)

Credit Points: 3

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Sustainability (SUS601)

Credit Points: 3

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Sustainable Development (SUS240)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Sustainable Development (SUS640)

Credit Points: 3

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Prerequisites: Enrolment in an Honours or Postgraduate course.

Special Topics in Theology (THE204)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Theology (THE274)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics in Theology (THE473)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Prerequisites: Enrolment in an Honours or Postgraduate course.

Special Topics in Tourism (TOU228)

Credit Points: 4

Topic not currently available

This unit comprises study in particular topics which vary from year to year.

Special Topics Review (CHI589)

Credit Points: 2

MURDOCH: T3-internal

Review a range of vital topics which are essential components for clinical practice. Aim: to review and append relevant clinical subjects such as: orthopaedics, neurology, paediatrics, geriatrics, radiology, rehabilitation, manipulative and diagnostic procedures. Additionally, students will be given the opportunity for self-evaluation in order to assess areas of limitation and work with course instructors to address those issues. Assessment will be determined on students' grasp of individual subjects reviewed.

Lectures: 2 hours per week; project work/seminars: 2 hours per week.

Prerequisites: Enrolment in BSc/BChiropractic and the successful completion of Years 1 to 4.

Spies, Saboteurs and Secret Agents (HIS230)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit examines famous historical occasions when spies, secret agents or underground saboteurs sought to satisfy the need of governments to obtain political and military intelligence. It considers how they obtained and interpreted this intelligence; how they responded to it; how they tried to keep their own secrets secret; and how secret intelligence has changed history. Underlying the unit is a strong ethical issue: what lengths can a state go in order to preserve itself?

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed this unit as a Special Topic in History may not enrol in this unit for credit.

Spies, Saboteurs and Secret Agents (HIS257)*As for HIS230 except:*

Credit Points: 3

Not available this year

Spirituality (THE528)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit will examine some of the spiritual traditions associated with different world religions. There will be a focus on spirituality encountered in pastoral engagements. Spiritual inventories will be explored.

Three day-long intensives of six hours, plus six hours of online contact (discussions/tutorials/lectures). Please check the timetable for the scheduling of the intensives.

Prerequisites: Nil.

Exclusions: Students who have successfully completed THE538 Spirituality cannot enrol in this unit.

Spirituality (THE538)

Credit Points: 4

Not available this year

This unit examines critical research in spirituality. Some spiritual traditions in Christianity will be explored and the implications of these traditions for contemporary life considered.

Lectures/workshops/tutorials: 3 hours per week.

Prerequisites: At least three 200-level units in Theology.

Recommended: THE288 Worship and Liturgy and/or THE285 History of the Christian Church 1: Early and Medieval.

Exclusions: Students who have successfully completed THE528 Spirituality cannot enrol in this unit.

Spirituality Studies (THE438)

Credit Points: 4

Not available this year

This unit examines critical research in spirituality. Some spiritual traditions in Christianity will be explored and the implications of these traditions for contemporary life considered.

Lectures/workshops/tutorials: 3 hours per week.

Prerequisites: At least three 200-level units in Theology.

Recommended: THE288 Worship and Liturgy and/or THE285 History of the Christian Church 1: Early and Medieval.

Sport Education (EDN3191)*As for EDN319 except:*

Credit Points: 4

ROCKINGHAM: S1-internal

Lectures: 1 x 1 hour; tutorials: 1 x 1 hour and 1 x 2 hours.

Prerequisites: EDN116/EDU107 Physical Education.

Sport Education (EDN356)

Credit Points: 3

Not available this year

Sport Education (Minor) (EDN319)

Credit Points: 4

MURDOCH: S2-internal

This unit focuses on the development of Sport Education, a 'games sense' approach to physical education. The unit will address the needs of children, adolescents and young adults in sport while maximising their education, engagement and long term participation in physical activity. Students will also learn about coaching, officiating and facilitating sport and physical education. On unit completion students will be able to design, develop and implement student-centred learning programs in a variety of sporting and education contexts.

Lectures: one 1 hour per week; workshops: one 1 hour and one 2 hours per week.

Prerequisites: EDN116/EDU107 Physical Education.

Sports Biomechanics (CHI674)

Credit Points: 4

Not available this year

This unit will allow the student to gain knowledge in biomechanics within the field of sports science. The unit will encompass discussion in the areas of sports biomechanics specifically addressing physics and human kinetics in areas such as, but not limited to, ball games, gymnastics, athletics, swimming, etc. The focus will be on movement analyses, injury prevention, and performance enhancement from a biomechanical point of view.

External.

Prerequisites: Completion of Chiropractic Degree or equivalent. Enrolment in the Master of Sports Science.

Sports Nutrition (CHI689)

Credit Points: 4

Not available this year

This unit will allow the student to build on basic nutrition knowledge (gained from undergraduate sports science and health training) and gain distinctive proficiency in sports nutrition within the field of sports science and sports chiropractic. The unit will encompass discussion in the areas of sports nutrition and its practical implications on the athlete's general health, performance and injuries.

External: No attendance required.

Prerequisites: Completion of Chiropractic Degree or equivalent. Successful enrolment in the Postgraduate Diploma in Sports Chiropractic.

Sports Practicum (EDN302)

Credit Points: 4

ROCKINGHAM: Y3-internal

This unit is designed for 1-10 HPE students to develop the instructional and relational skills necessary to be an effective HPE practitioner through sports coaching/officiating in a community context. This unit consists of lectures and an intensive week where specialist coaches will run practical components of their Level 1 equivalent coaching course. Each student will be assigned a junior sporting team that they will coach and/or officiate for a season. Assessment includes observation, reflection and sports specific requirements.

An intensive week that runs from 8am to 5pm during Orientation Week, 1 x 1 hour introductory lecture, monthly mentoring sessions, and a practicum placement for a season in the specific sport.

Prerequisites: Enrolment in Education (BEd) [Primary, 1-10 Health and Physical Education]; completion of EDN3191 Sport Education.

A result of Ungraded Pass or Fail is awarded for this unit.

Sports Practicum (EDN357)*As for EDN302 except:*

Credit Points: 3

Not available this year

A result of Ungraded Pass or Fail is awarded for this unit.

Sports Psychology (CHI679)

Credit Points: 4

Not available this year

This unit allows students to gain knowledge in sports psychology within the field of sports science. The unit will introduce key psychological theories that impact on athletes and coaches, in addition to discussing several families of psychological skills applicable to sport.

External: No attendance required.

Prerequisites: Enrolment into the MSc in Sports Science including completion of 24 points of postgraduate work such as the Postgraduate Certificate/Diploma in Neuromusculoskeletal Rehabilitation or the Postgraduate Diploma in Sports Chiropractic, or their equivalents.

Sports Psychology (EXS201)*As for EXS224 except:*

Credit Points: 3

Not available this year

Sports Psychology (EXS224)

Credit Points: 2

MURDOCH: S1-internal

This unit will provide the student with an understanding of the importance of psychological strengths and their role in improving the change of success in sporting activity. It will provide the most up to date information on how psychology is currently impacting on all areas of modern sport. Covered topics include: the evolution of sport psychology; a healthy mind in a healthy body; the importance of play; skilled performance (the defining aspect); coaching process; applying psychology; sport psychology in action.

Lectures: 2 hours; workshops: 2 hours.

Prerequisites: Nil.

Exclusions: Student who have successfully completed CHI224 Sports Psychology may not enrol in this unit for credit.

Sports Science Practicum (EDN307)

Credit Points: 4

MURDOCH: Y3-internal

This unit has been designed to provide students with practical field experience in the coaching of children within specific sports. This unit is restricted to those students who are enrolled in the BEd/BSportsSc degree. Through completing this unit, students will have the opportunity to gain coaching accreditation in five specific sports, and complete a practicum coaching and/or officiating within one of those sports for a season.

An intensive week that runs from 8am to 5pm during Orientation Week, 1 x 1 hour introductory lecture, monthly mentoring sessions, and a practicum placement for a season in the specific sport.

Prerequisites: CHI208/EXS208 Sports and Health Assessment; and CHI225/EXS225 Principles of Strength and Conditioning; and CHI226/EXS226 Exercise Physiology I; and with a passing mark, in EDU101 Introduction to Teaching or EDN112 Understanding Teachers' Work; and EDU107 Physical Education or EDN116 Physical Education; and EDU236 Sports Education or EDN319 Sports Education.

A result of Ungraded Pass or Fail is awarded for this unit.

All students are required to complete the on campus Intensive Week during 'O Week'.

Sports Science Practicum (EXS315)

Credit Points: 4

MURDOCH: H-internal, S1-internal, S2-internal, Y-internal

Students will be able to experience the requirements of employment in an exercise or sport science related workplace during practicum placements. Students will utilise knowledge and skills gained in previous years during this supervised practicum. Communication and professionalism skills will also be developed in this unit.

Seminar/workshop/individual consultation: 4 hours per week in Weeks 1 and 2 of Semester 1; 4 hours per week in Weeks 1 and 2 of Semester 2.

Practicum: A minimum of 140 hours to be completed over the duration of this unit.

Prerequisites: CHI208/EXS208 Sports and Health Assessment; CHI225/EXS225 Principles of Strength and Conditioning; CHI209/EXS209/CHI2091/EXS2091 Biomechanics or Biomechanics and Manual Skills; and CHI226/EXS226 Exercise Physiology I.

A result of Ungraded Pass or Fail is awarded for this unit.

Exclusions: Student who have successfully completed CHI315 Sports Science Practicum may not enrol in this unit for credit.

States and Governance in Development (SWM625)

Credit Points: 3

Not available this year

The state continues to play a major role in the international political economy. This unit considers contemporary forms of state action in social development in the context of globalisation and market-driven economic activity. The unit considers issues such as sovereignty, security, legitimacy, good governance, corruption, and state failure. Examples surveyed will include the BRICs and China's donor role in development programs. Students will gain insight into

changing structures and ideas influencing development policies and strategies.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in the Master of Public Policy and Management, Master of Development Studies, or Master of International Affairs.

States and Nationalisms (POL260)

Credit Points: 4

MURDOCH: S2-internal, S2-external

The unit seeks to explain challenges to the authority of the modern state by examining some of the key conceptualisations of 'state' and 'nation', thus providing the benchmarks by which individual states might be examined, evaluated and compared. Students will become familiar with the main conceptual models, and will be asked to apply these to the case of a particular state, selected themselves.

Up to 4 hours per week.

Prerequisites: Nil.

Exclusions: Students who have satisfactorily completed POL260 Modern Theories of the State may not enrol in this unit for credit.

Statistical Data Analysis (MAS183)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

This unit introduces students to methods of collection and statistical analysis of data of particular relevance to the life and health sciences. Topics: numerical and graphical description of data, design and analysis of simple experiments, probability and sampling distributions, introduction to statistical inference, statistical analysis of relationships, non-parametric methods, interpretation of output from statistical software, interpretation of statistical reporting in scientific literature.

Lectures/practical classes: 4 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MAS184 Biostatistics and Information Retrieval may not enrol in this unit.

Statistical Design and Data Analysis (MAS353)

As for MAS374 except:

Credit Points: 3

Not available this year

Statistical Design and Data Analysis (MAS374)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit is designed for applied statisticians and scientists who need to apply the principles of statistical science to collect, analyse, interpret and present data of high quality. The rich class of statistical techniques known as regression models, which includes multiple regression, analysis of variance and covariance, and logistic regression are covered. Case studies and student projects explore the use of these techniques on real data from a variety of disciplines using statistical computing packages.

Lectures/tutorials: 4 hours per week.

Prerequisites: MAS284 Applied Statistics and Process Management or MAS230 Biostatistical Methods or MAS278 Probability and Statistical Inference.

Exclusions: Students may not enrol in this unit and either of MAS180 Introduction to Statistics or MAS183 Statistical Data Analysis and Databases concurrently.

Strategic Communication (MCM681)

Credit Points: 6

MURDOCH: S1-internal

This unit focuses on how organisations present and promote themselves through the purposeful communication activities of leaders, employees, and communication practitioners, including relationship building with targeted audiences. Using case studies about the social and reputational issues confronting contemporary organisations, it examines the links between communication, the media, culture and social change, and identifies managerial strategies for effective communication. The unit employs an integrated, multidisciplinary perspective, drawing on disciplines such as management, corporate communication and marketing communications.

Seminars: 3 hours per week during teaching weeks, plus additional seminar/s during teaching or non-teaching weeks, schedule permitting. Details to be provided at commencement.

Prerequisites: Enrolment in the Master of Arts in Communication Management.

Strategic Decision-Making (MBS606)

Credit Points: 4

DUBAI-ISC: TMD-internal

KAPLAN-SGP: TMA-internal, TSA-internal

SGP1: TMQ-internal

This capstone core unit assumes a senior management perspective and concerns the overall strategies, objectives and policies of the organisation. Topics include strategy analysis, formulation, implementation and evaluation; strategic portfolio, risk and diversification; organisational structure and systems in strategy making; organisational culture; fragmented, emerging, mature, and declining industry environments; and managing strategic change and organisational renewal. There will also be a strong focus on the global competitiveness of companies, industries and nations.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in postgraduate level studies. It is recommended that students complete MBS513 Accounting for Managers, MBS507 Marketing Management, and MBS508 Organisational Behaviour and Management before attempting this unit.

Strategic Decision-Making (MBS647)

As for MBS606 except:

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Strategic Leadership in Health Care (SHP511)

Credit Points: 3

MURDOCH: S1-external, S2-external

This unit introduces students to leadership in diverse health care environments. It explores the complexities and challenges of strategic leadership, and examines theoretical and contemporary evidence based practice perspectives within the context of the Australian Safety and Quality Framework for Health Care and

current research. The relationships between leadership, strategic planning, health workforce development and organisational outcomes are discussed. This unit is suitable for health professionals working in leadership and management roles, and those aspiring to do so.

External: No attendance required

Prerequisites: Enrolment in a postgraduate course.

Exclusions: Students who have successfully completed NUR611 Strategic Leadership in Health Care may not enrol in this unit for credit.

Strategic Management (BUS317)

Credit Points: 4

MURDOCH: S2-internal, S2-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
KDUPJ: S2U-internal
SGP1: TMB-internal

This is a capstone unit which is aimed at preparing students to think strategically, and to look at all the issues and problems affecting the strategic initiatives of an organisation, from a total corporate perspective. The unit provides a conceptual framework of corporate strategy and policy formulation, and integrates the key functional areas for business including, organisational learning, innovation, knowledge management, marketing, finance and human resource management for strategic decision making.

Lectures: 1 hour per week; workshop: 2 hours per week.

Prerequisites: BUS223 Organisational Theory and Behaviour or BUS240 Organisation Development and Human Resources Management or BUS298 Organisation Development and Change.

Strategic Management (BUS349)

As for BUS317 except:

Credit Points: 3

Not available this year

Strategic Marketing (BUS350)

As for BUS382 except:

Credit Points: 3

Not available this year

Strategic Marketing (BUS382)

Credit Points: 4

MURDOCH: S2-internal
DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

This is the final capstone unit of the marketing major degree. It provides a comprehensive and practical understanding of the strategic marketing management process in a competitive environment. A central focus is the preparation of a strategic marketing plan for a specific product or service. The unit develops the generic skills of strategic thinking, planning, design, formulation, implementation and communication. It provides a succinct review of key issues in strategic marketing research and the current state of the marketing industry.

Lectures: 2 hours per week; Tutorials: 1 hour per week

Prerequisites: BUS273 Consumer Behaviour; BUS235 Marketing Research and Analysis or MCC213 Communication Research (for Digital Marketing students)

Strategic Marketing Management (MBS507)

Credit Points: 4

DUBAI-ISC: TJD-internal, TSD-internal
KAPLAN-SGP: TMA-internal
SGP1: TJR-internal

This unit offers a sound foundation in marketing management strategy, which is relevant for all types of profit and not for profit businesses and organisations. Marketing management strategy is essential practice for all brand and service operations. The main topics include the marketing mix, product life cycle, consumer behaviour, the competitive environment, strategic options, market positioning, international marketing and online marketing. Learning activities in class and assignments include developing and presenting a strategic marketing plan for an actual organisation.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate-level course. Students in C1083 Postgraduate Certificate in Business Administration (Masterclass) will be enrolled in MBS5072.

Exclusions: Students cannot enrol in both MBS5072 Strategic Marketing Management and MBS507 Strategic Marketing Management for credit.

Strategic Marketing Management (MBS5072)

As for MBS507 except:

Credit Points: 3

MURDOCH: W-internal

Taught intensively during the Winter term.

Prerequisites: This unit is restricted to students enrolled in C1083 Postgraduate Certificate in Business Administration (Masterclass) or C1115 Graduate Certificate in Business Administration (Masterclass).

Exclusions: Students cannot enrol in both MBS5072 Strategic Marketing Management and MBS507 Strategic Marketing Management for credit.

Strategic Marketing Management (MBS537)

As for MBS507 except:

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

Strength and Resistance Training (EXS103)

Credit Points: 3

MURDOCH: S2-internal

This unit will focus on current scientific principles of strength and conditioning primarily in the healthy population. While the role of ageing and gender will be discussed, a large portion of the unit will focus on the strength and conditioning aspects associated with athletes. The student will then be able to apply these principles to other individuals adopting sedentary behaviours and living with lifestyle-related disease such as cardiovascular disease, obesity and diabetes.

Exclusions: Students who have successfully completed CHI225 Principles of Strength and Conditioning may not enrol in this unit for credit.

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Strength and Resistance Training (EXS225)**As for EXS103 except:**

Credit Points: 4

MURDOCH: S2-internal

Lectures: 4 hours; laboratories: 2 hours.

Prerequisites: CHI124/EXS124 Principles of Sports Science (or CHI109 Chiropractic Skills and Principles I).

Co-requisite: CHI108 Functional Human Anatomy (or BMS108 Comparative Musculoskeletal Anatomy).

Exclusions: Students who have successfully completed CHI225 Principles of Strength and Conditioning or Strength and Resistance Training may not enrol in this unit for credit.

Structured Workplace Learning Placement -- Information Technology (WKP356)

Credit Points: 12

MURDOCH: S1-internal, S2-internal

Students have the option to include an Industry and Professional Experience Program placement within their degree. The placement will be instituted within organisations appropriate to the course of study. Students will be formally supervised by an academic staff member from their course of study but will also come under the direction of their employer. Both the academic supervisor and the employer, in consultation, will assess the unit. The unit includes some workshops to prepare the students for the workplace experience.

Prerequisites: Permission of Academic Chair. Students will have completed Part I studies, and would normally be in their final year of study and achieved a GPA of 2.5 (out of 4).

Disclaimer: Where work placement is a required component of a course, the University will make reasonable endeavours to locate one for enrolled students. However, it cannot guarantee that it will be able to do so for every student. Ultimately, the acceptance of any student for work placement is a decision for the external employer, based on the circumstances prevailing at the time.

Student Engagement and Community Learning (EDU661)

Credit Points: 3

MURDOCH: S1-external

This unit provides opportunities for teachers to engage young people in schooling through a curriculum that connects with their lifeworlds and/or the concerns of the communities in which they live. The unit examines some different ways of generating knowledge with students including place-based education, service learning, citizenship education, local literacies and students as researchers. The unit provides teachers with an opportunity to plan a school based research project that pursues the idea of 'community as curricula'.

External: No attendance required.

Prerequisites: Enrolment in a postgraduate course or permission of the Unit Coordinator.

Succession Law (LAW345)

Credit Points: 4

Not available this year

Explores the law that governs the transmission of property on death. Thus, the making of wills and their interpretation, the administration of deceased estates (including intestacy) and challenges under testator's family maintenance legislation will all

be covered. The unit will address both practical and theoretical aspects of succession law. In particular, it will consider the interpretation of the two major pieces of legislation governing succession law in Western Australia.

Lectures/tutorials: 3 hours per week.

Prerequisites: LAW253 Property; LAW351 Equity and Trusts.

Succession Law (LLB345)**As for LAW345 except:**

Credit Points: 3

Not available this year

Supervised Legal Research (LAW381)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal

This unit offers students the opportunity to work with a staff member who has agreed to supervise a substantial project of legal research in the staff member's area of expertise. Active participation in the supervision process and production of a substantial piece of legal writing between 7000 and 9000 words, in the form of a research essay, opinion, brief, or factum is required. The application to enrol in this unit is available on the School of Law website <http://www.law.murdoch.edu.au/>

No formal contact hours but regular meetings with Supervisor.

Prerequisites: LEG120 (completed prior to 2012)/LAW120 Research and Writing, LEG150 (completed prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract and permission of Supervisor and Law Academic Chair. This unit is open to a student only on the approval of the proposed staff member and the Law Academic Chair.

Supervised Legal Research (LLB381)**As for LAW381 except:**

Credit Points: 3

GENEVA: S2G-internal

IMACERATA: S2G-internal

Supervised Research Thesis (SWM617)

Credit Points: 6

MURDOCH: S1-internal, S2-internal

The supervised research thesis requires that the student complete a major study (up to 12,000 words) on a relevant topic under the supervision of a member of academic staff. Students will develop and demonstrate skills in research design, evaluation, analysis and critique, together with high level written communication skills, organisation and time management, and the capacity for self directed and independent learning.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in the Master of Public Policy and Management, Master of Development Studies, or Master of International Affairs; completion of at least 24 credit points. Students are required to have at least a Distinction grade average in their Masters coursework units, and to have the permission of the Academic Chair with approval of the proposed thesis topic. Co-requisite: SSH618 Social Science Research Design.

Supervised Research Thesis (SWM6171)

As for SWM617 except:

Credit Points: 9

MURDOCH: S1-internal, S2-internal

Supply Chain Management and Logistics (MBS558)

Credit Points: 4

SGP1: TJQ-internal

In an increasingly competitive, complex, connected world, global efficient supply chain management, operations and logistics are instrumental to the success of businesses and organisations. This unit explains the fundamentals of logistics and supply chain management, strategies, their linkages to competitive advantage and the intricacies of supply chain relationships, flow management across supply networks, distribution and transportation. The role of electronic systems in modern logistics and supply chain/networks and critical issues that affect supply chain performance are also covered.

Supply Chain Management and Logistics (MBS658)

Credit Points: 3

MURDOCH: SUM-internal, SUM-external

In an increasingly competitive, complex, connected world, global efficient supply chain management, operations and logistics are instrumental to the success of businesses and organisations. This unit explains the fundamentals of logistics and supply chain management, strategies, their linkages to competitive advantage and the intricacies of supply chain relationships, flow management across supply networks, distribution and transportation. The role of electronic systems in modern logistics and supply chain/networks and critical issues that affect supply chain performance are also covered.

Lectures/seminars/workshops: 6 hours (2 x 3 hours) per week for summer term.

Prerequisites: Enrolment in a postgraduate-level course.

Exclusions: Students who have successfully completed MBS558 Supply Chain Management and Logistics may not enrol in this unit for credit.

Surgery 1 (VET523)

Credit Points: 3

MURDOCH: S1-external (quota of 30 places)

Soft Tissue Surgery: In this unit we explore surgical problems involving the gastrointestinal, urogenital and cardiorespiratory systems, after an introductory section in which we review wound healing and wound management, plastic and reconstructive surgery (including hernia repair) and the principles of oncologic surgery.

External. No attendance required.

Prerequisites: Enrolment in Master of Veterinary Studies (M1022) or enrolment in Postgraduate Certificate in Veterinary Studies in Small Animal Practice (C1074) or enrolment in Graduate Certificate in Veterinary Studies in Small Animal Practice (C1113) or enrolment in Postgraduate Certificate in Veterinary Studies in Small Animal Practice (International) (C1101).

This unit is subject to quota. Quota is due to limited resources. Students must be enrolled in the College of Veterinary Medicine's postgraduate or graduate courses.

Surgery 2 (VET524)

Credit Points: 3

MURDOCH: S2-external (quota of 30 places)

This unit will encourage clinicians to develop their diagnostic and decision-making skills in the area of small animal orthopaedics, enhance skills in critical thinking and information literacy and further develop a problem-oriented clinical approach to case management. Topics include selected joint conditions with a more in-depth review of the clinical skills related to the management of these conditions and fracture decision-making and fracture planning applied within the context of fractures commonly encountered in small animal practice.

External.

Prerequisites: Enrolment in the Master of Veterinary Studies in Small Animal Practice (M1022), or enrolment in the Postgraduate Certificate in Veterinary Studies in Small Animal Practice (C1074) or or enrolment in the Graduate Certificate in Veterinary Studies in Small Animal Practice (C1113) or enrolment in the Postgraduate Certificate in Veterinary Studies in Small Animal Practice (International) (C1101).

This unit is subject to quota. Quota is due to limited resources. Students must be enrolled in the College of Veterinary Medicine's postgraduate or graduate courses.

Surgical Principles (VET589)

Credit Points: 3

MURDOCH: S2-external

This unit is concerned with the science and practice of veterinary surgery as it applies to small animal medicine.

External: No attendance required.

Prerequisites: Enrolment in the Postgraduate Certificate in Small Animal Practice (International) (C1101) or enrolment in the Postgraduate Certificate in Small Animal Practice (C1074) or enrolment in the Graduate Certificate in Small Animal Practice (C1113).

Surgical Secrets (VET459)

Credit Points: 3

MURDOCH: S2-internal

This unit explores the fundamentals of surgery and builds on the basic concept of aseptic surgical technique. Basic concepts are applied to clinical scenarios which help to illustrate principles. Topics covered include asepsis, basic surgical principles, suture techniques and suture material, wound healing and wound management. Laboratory classes are used to develop practical skills.

Lectures: 24 hours; laboratories: 36 hours.

Prerequisites: Enrolment in Applied Veterinary Medicine; VET345 Veterinary Pharmacology; VET343 Veterinary Diagnostic Pathology; VET442 Animal Systems III; VET429 Professional Life III.

Surveillance Project (VET649)

Credit Points: 12

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

This unit involves the completion of a research project under the supervision of a member of staff. Students must produce a dissertation of between 15,000 and 18,000 words based on their research. The dissertation will be assessed by two staff members or other appropriately qualified people as approved by the Academic Chair.

Meetings/discussions as required.

Prerequisites: Enrolment in Master of Veterinary Studies in Veterinary Surveillance or permission of the Academic Chair. Students enrolled in the Master of Veterinary Studies in Conservation Medicine are required to have a distinction average in their required units in order to enrol in this elective unit.

Sustainability and 'The Good Life' (SWM638)

Credit Points: 3

MURDOCH: S2-internal

How can humans lead a 'good life' in an era of escalating population pressures, ecosystem degradation, climate change and economic crises? This unit examines how humans might make a transition from a 'sustainability emergency' to an era where people have a lived experience of symbiotic and sustainable relationships within nature's economy. In examining the range of ethical, cultural and political responses to the sustainability imperative, students confront contrasting conclusions about what constitutes a good life and how to live it.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Sustainability Ethics (SUS206)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit explores the philosophical underpinnings of the environmental and sustainable development challenges facing humanity. Sustainability Ethics aims to critically reflect upon our beliefs and practices and the assumptions underlying them. The unit is specifically aimed at exploring the ethical foundations of sustainable living with a particular emphasis given to bringing together theory and practice.

Lectures: 1 hour per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed STP206 Sustainability Ethics may not enrol in this unit for credit.

Sustainability, Ecology and Communities (SUS201)

Credit Points: 4

MURDOCH: S1-internal, S1-external

The purpose of this unit is to develop knowledge of the practical, conceptual and policy aspects of sustainable development. The unit reviews the global mandate for sustainability but focuses on its implementation at a primary local and State level. The unit presents a range of different ways of thinking about sustainability. A number of tools for planning and implementing sustainability are introduced.

Seminars and workshops are delivered in intensive mode, which may include evenings and weekends. Contact the School for further details.

Prerequisites: Nil.

Exclusions: Students who have successfully completed STP212/612 Ecologically Sustainable Development or Sustainability, Ecology and Communities may not enrol in this unit for credit.

Sustainability, Ecology and Communities (SUS203)

As for SUS201 except:

Credit Points: 3

Not available this year

Sustainability, Ecology and Communities (SUS512)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit develops knowledge of the practical, conceptual and policy aspects of sustainable development. The unit reviews the global mandate for sustainability but focuses on its implementation at a primary local and sub-national level. Systems thinking and resilience are presented as key tools to both understand sustainability problems and develop sustainability solutions within socio-ecological systems. These concepts are then explored through processes of governance and within organisations and communities.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Contact the School for further details.

Prerequisites: Enrolment in an Honours or Postgraduate-level course.

Exclusions: Students who have successfully completed STP612 Sustainability, Ecology and Communities may not enrol in this unit for credit.

Sustainability: Global and Regional Perspectives (ENV553)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit introduces the concepts of sustainability and their application at various scales from regional to global. Students will explore underlying drivers that threaten sustainability and develop competence to critique sustainability strategies which incorporate technical, governance, economic and social approaches.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Enrolment in a graduate course.

Sustainable Communities and 'The Good Life' (SUS670)

Credit Points: 3

MURDOCH: S2-internal, S2-external

How can humans lead a 'good life' in an era of escalating population pressures, ecosystem degradation, climate change and economic crises? This unit examines how communities and their citizens might make a transition from a 'sustainability emergency' to an era where people have a lived experience of symbiotic and sustainable relationships within nature's economy. In examining the range of ethical, cultural and political responses, students confront contrasting conclusions about what constitutes a good life and how to live it.

Lectures/seminars: 2 hours per week.

Prerequisites: Enrolment in a Postgraduate-level course.

Exclusions: Students who have successfully completed STP670 Sustainability, Ethics and 'The Good Life' may not enrol in this unit for credit.

Sustainable Development (SUS301)

Credit Points: 3

Not available this year

Sustainable Development Internship Project (SUS532)

Credit Points: 6

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external

This unit provides an invaluable opportunity to build sustainability skills, knowledge and networks. Students are encouraged to work with government agencies, industry or civil society groups on projects relevant to sustainable development, while drawing on the support of academic supervisors. While suggestions for projects are provided, the onus is on students to organise projects that match their interests and prepare them for further study or their chosen careers.

Seminars and workshops, as required.

Prerequisites: Enrolment in an Honours or Postgraduate-level course

Exclusions: Students who have successfully completed STP632 Sustainable Development Internship/Project may not enrol in this unit for credit.

Sustainable Development Internship/Project (SUS332)

Credit Points: 8

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external

This unit provides an invaluable opportunity to acquire sustainability skills, knowledge and networks. Students are encouraged to work with government agencies, industry or civil society groups on projects relevant to sustainable development, while drawing on the support of academic supervisors. While suggestions for projects are provided, the onus is on students to organise projects that match their interests and prepare them for further study or their chosen careers.

Seminars/workshops: as required.

Prerequisites: Completion of at least 48 points in one of the following: BA or BSc (Sustainable Development); Bachelor of Sustainability; Bachelor of Business (Sustainability); BA (International Aid and Development). Other students who can demonstrate sustainability expertise may be eligible for admission at the discretion of the Unit Coordinator.

Exclusions: Students who have successfully completed STP332 Sustainable Development Internship/Project may not enrol in this unit for credit.

BSc students taking this unit for science points must ensure a science-based topic, methodology and supervisor. Students should consult the Unit Coordinator regarding their eligibility to enrol in this unit.

Sustainable Development Internship/Project (SUS332-1)**As for SUS332 except:**

Credit Points: 4

MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, Y-internal, Y-external

Prerequisites: Completion of at least 48 points in one of the following: BA or BSc (Sustainable Development); Bachelor of Sustainability; Bachelor of Business (Sustainability); BA (International Aid and Development). Other students who can demonstrate sustainability expertise may be eligible for admission at the discretion of the Unit Coordinator.

Exclusions: Students who have successfully completed STP3321 Sustainable Development Internship/Project may not enrol in this unit for credit.

Sustainable Management of Fish and Wildlife (BIO205)

Credit Points: 4

MURDOCH: S2-internal

This unit introduces students to the world of managing fish and wildlife populations amidst the pressures of environmental change, increasing populations and the push for economic development. Students will develop an understanding of the importance of biological and ecosystem knowledge, and economic considerations in developing effective conservation strategies and sustainable harvest policies for a range of different species.

Lectures: 2 hours per week; Workshops: 21 hours per semester.

Prerequisites: BIO103 Environmental Biology and the completion of, or concurrent enrolment in, ENV268 Ecology.

Sustainable Management of Fish and Wildlife (BIO249)**As for BIO205 except:**

Credit Points: 3

Not available this year

Sustainable Tourism (TOU201)

Credit Points: 4

MURDOCH: S1-internal, S1-external
KAPLAN-SGP: TJA-internal, TSA-internal
SGP1: TJB-internal, TSB-internal

Sustainable tourism, which developed from the 1980s concept of sustainable development, incorporates principles which integrate economic imperatives with the maintenance of ecological processes, biological diversity and biophysical resources; equity within and between generations; and the need for compatibility with society, community and cultural values. This unit analyses the management of tourism and hospitality development and its relationship to the conservation of natural, social and cultural resources. Participation in field trips on a cost recovery basis is required.

Lectures/tutorials: up to 3 hours per week; occasional field trips.

Prerequisites: TOU102 Introduction to Travel and Tourism or TOU101 Introduction to Tourism Systems or enrolment in Postgraduate studies in Tourism.

Sustainable Tourism (TOU221)*As for TOU201 except:*

Credit Points: 3

Not available this year

Sustainable Urban Water Systems (ENG459)

Credit Points: 3

Not available this year

Sustainable Urban Water Systems (ENV318)

Credit Points: 4

MURDOCH: S2-internal, S2-external

The principles, design and operation of water supply, rainwater, stormwater, groundwater, wastewater management systems using a total water cycle problem-solving approach and computer-aided techniques. Quantitative water balance, nutrient cycles, community education and governance arrangements become part of the integrated approach.

Lectures: 2 hours per week; workshops: 2 hours per week.

Prerequisites: ENV210 Environmental Technology for Sustainability.

Systematic Theology Seminar (THE490)

Credit Points: 4

Not available this year

The unit is intended to develop students' skills in research and reflection and to involve them in the study of one or more major theologians or one major problem at some considerable depth. The seminar will require a high level of student participation and regular, thorough preparation. This unit may be taken more than once with different content.

Seminars/tutorials: 3 hours per week.

Prerequisites: S258/THE258 Christ in Context or S258/THE258/R488 Christian Understandings of God.

Systematic Theology Seminar (THE590)*As for THE490 except:*

Credit Points: 4

Not available this year

Prerequisites: Enrolment in Master of Ministry.

Systemic Pathology, Toxicology and Chemotherapy (VET392)

Credit Points: 3

Not available this year

Lectures: 3 hours per week; Workshops: 1 hour per week; Practicals: 3 hours per week

Systems Analysis and Design (ICT231)

Credit Points: 4

MURDOCH: S1-internal, S1-external

DUBAI-ISC: TSD-internal

KAPLAN-SGP: TJA-internal, TSA-internal

SGP1: TJB-internal, TSB-internal

This unit introduces methods and techniques for analysing problematic organisational situations, particularly those leading to the development of an information system, and draws on both

technical and organisational material to provide the knowledge and skills necessary to design and implement an operational system.

Lectures: 2 hours per week; tutorials: 2 hours per week.

Prerequisites: ICT102 Introduction to Computer Science OR ICT105 Introduction to Information Technology OR ICT108 Introduction to the Internet and Multimedia OR ICT107 Principles of Information Systems and Data Management.

Systems Analysis and Design (ICT284)*As for ICT231 except:*

Credit Points: 3

Not available this year

Systems Biology and Bioinformatics (BIO378)

Credit Points: 3

Not available this year

This unit is concerned with the sequencing and annotating of genomes and with the mining of biological literature so as to develop gene ontologies to organize and query biological data. It will develop the skills required to analyze and catalogue biological pathways and networks that are an important part of systems biology.

Lectures/Workshops: 3 hours per week; Laboratories: 4 hours per week

Prerequisites: BIO270 Biochemistry I or BMS261 Human and Comparative Biochemistry; BIO316 Molecular Genetics.

Taxation (BUS303)*As for BUS313 except:*

Credit Points: 3

Not available this year

Taxation (BUS313)

Credit Points: 4

MURDOCH: S1-internal, S1-external

KAPLAN-SGP: TMA-internal

KDUPJ: S1U-internal

SGP1: TMB-internal

An introductory unit in income tax. It covers key principles in income tax law as they apply to all taxpaying entities. Emphasis will be placed on the distinction between capital and income and the development of concepts of income and deductions in determining a tax quantum. Students are encouraged to develop skills in statutory interpretation and case law analysis that will provide them with a base for lifelong learning in a dynamic tax environment.

Lectures: 2 hours per week; workshop: 1 hour per week.

Prerequisites: BUS160 Introduction to Accounting and BUS165 Principles of Commercial Law, and completion of at least 24 Points per Part II level units.

Exclusions: Students in Law/Commerce who enrol in this unit may not enrol in L353/LAW353 Income Taxation Principles for credit.

Trimester offerings for this unit at Singapore (SGP1) are taught in intensive mode.

Taxation (MBS514)

Credit Points: 4

KAPLAN-SGP: TJA-internal, TSA-internal

The unit considers the principles of Australian income tax law as they apply to all taxpaying entities. The emphasis is on learning general tax rules and how those rules apply to broad categories of business and financial transactions, rather than on the myriad of specific provisions and exemptions. Teaching of this primary tax unit at postgraduate level is based on the supposition that students will approach tax law as an integrated component of a complex economic and business environment.

Prerequisites: Enrolment in a postgraduate-level course; MBS502 Law for Business.

Taxation (MBS614)

Credit Points: 3

MURDOCH: S2-internal

The unit considers the principles of Australian income tax law as they apply to all taxpaying entities. The emphasis is on learning general tax rules and how those rules apply to broad categories of business and financial transactions, rather than on the myriad of specific provisions and exemptions. Teaching of this primary tax unit at postgraduate level is based on the supposition that students will approach tax law as an integrated component of a complex economic and business environment.

Lectures/seminars/workshops: 3 hours per week.

Prerequisites: Enrolment in a postgraduate-level course; MBS502 Law for Business.

Exclusions: Students who have successfully completed MBS514 Taxation may not enrol in this unit for credit.

Teaching Arts and HPE in Primary Schools (EDN227)

Credit Points: 2

MURDOCH: SP21-internal, SP21-external

This unit prepares students enrolled in the Graduate Diploma in Education (Primary) for teaching in the learning areas of the Arts and Health and Physical Education. The Arts and Health and Physical Education in the primary curriculum, together with their place in society. Theory and practice in each of the discipline areas will be explored as a way of inducting students into these educational fields.

Workshops: internal and external students are required to attend an intensive on-campus teaching week during the Winter term. Final details of dates and times will be available on the unit information page, the School of Education web site and LMS. All students need to access LCS and LMS during this unit to submit assignments electronically and to create digital/ITC based assignments.

Prerequisites: Enrolment in a teacher education course [Graduate Diploma in Education (Primary)]; successful completion of EDN112/EDN1121 Understanding Teachers' Work or EDU101/EDU1011 Introduction to Teaching.

Exclusions: Students who have successfully completed EDU207 Primary Curriculum IIA (Arts, Technology, Health, PE) may not enrol in this unit for credit.

All students are required to complete practical Arts and Physical Education activities.

Teaching English and Literacy in Primary Schools (EDN223)

Credit Points: 4

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

This unit which is typically completed in the second year of a Bachelor of Education Primary course aims to prepare students for teaching English in primary classrooms. It focuses on using a diagnostic approach to plan, teach and assess literacy. A balanced perspective of language modes including reading, speaking, listening, viewing and writing are introduced in alignment with the Australian Curriculum. The unit also discusses theories of language acquisition and the transdisciplinary nature of language teaching and learning.

Lectures: 1 hour per week; workshops: 3 hours per week over one semester.

Prerequisites: Enrolment in BEd (Primary), BEd (Early Childhood and Primary), BEd (Primary, Years 1 to 10 Health and Physical Education), BEd/BA (Australian Indigenous Studies), or BEd (Primary) (Graduate).

Successful completion of EDN111 Language for Learning and Teaching; EDN112 Understanding Teachers' Work OR enrolment in BEd (Primary) (Graduate) and successful completion of EDN112 Co-requisite (for all students): Internet access.

Exclusions: Students who have successfully completed EDU282/EDU2821 Primary Curriculum I (English) may not enrol in this unit for credit.

Teaching English and Literacy in Primary Schools (EDN2231)**As for EDN223 except:**

Credit Points: 3

MURDOCH: S1-internal, S1-external

Prerequisites: Enrolment in Graduate Diploma in Education (Primary) plus successful completion of either of EDU101/EDU1011 Introduction to Teaching or EDN112/EDN1121 Understanding Teachers' Work.

Students enrolled in EDN3331 and EDN2231 need to enrol in the EDN2151 Professional Experience: Primary in the same semester. All EDN2151 students must complete the placement in a Perth school with a Murdoch University Supervisor.

Teaching English and Literacy in Primary Schools (EDN235)**As for EDN223 except:**

Credit Points: 3

Not available this year

Teaching Health and Physical Education in Primary Schools (EDN226)

Credit Points: 4

MURDOCH: S2-internal, S2-external

ROCKINGHAM: S2-internal

This unit focuses on the Health and Physical Education (HPE) curriculum in primary schools. Emphasis will be on creating embodied learning experiences including the establishment of connections between the cognitive, kinesthetic and affective dimensions of learning. The unit will explore: the rationale for inclusion of HPE in schools; health issues and the promotion of health and well-being; integration of HPE in the primary curriculum; the skills needed for confident participation in sport and

recreational activities.

On campus students: Lectures/workshops: 4 hours per week.
External students are required to attend an on-campus intensive teaching week commencing Monday 6 October to Friday 10 October 2014. Dates are subject to confirmation; and any change to information on dates will be posted on School of Education website.

External students are also required to complete during the semester a self-devised study program equivalent to other workshops undertaken by internal students. Details will be advised in the Unit Information and Learning Guide and on the unit information page, the School of Education's website and LMS.

All students will need to access LMS during this unit to access resources and the latest information regarding this unit. Students are expected to take their workshops at the campus of their unit enrolment.

Prerequisites: Successful completion of EDN111 Language for Learning and Teaching and EDN112 Understanding Teachers' Work or EDU101/EDU1011 Introduction to Teaching or enrolment in a graduate-entry Bachelor of Education (Primary).

Co-requisite (for all students): Internet access and digital completion of assignments as stipulated in the Unit Information and Learning Guide.

Exclusions: Students who have successfully completed EDU207 Primary Curriculum IIA (Arts, Health, Physical Education, and Technology and Enterprise) EDU217 Primary Curriculum IIB (Arts, Health and Physical Education) may not enrol in this unit for credit.

Teaching Health and Physical Education in Primary Schools (EDN2261)

As for EDN226 except:

Credit Points: 3

MURDOCH: S2-external

Internal and external students are required to attend an intensive on-campus teaching week, commencing Monday 6 October to Friday 10 October 2014 inclusive (dates subject to confirmation; information on dates posted on School of Education web site).

Prerequisites: Enrolment in Bachelor of Education (Graduate) Primary or Graduate Diploma of Education (Primary) plus successful completion of either of EDU101/EDU1011 Introduction to Teaching or EDN112/EDN1121 Understanding Teachers' Work; OR concurrent enrolment in EDN111 Language and Learning for Teaching, EDN112 Understanding Teachers' Work and enrolment in Bachelor of Education (Early Childhood 0-8).

Teaching Health and Physical Education in Primary Schools (EDN248)

As for EDN226 except:

Credit Points: 3

Not available this year

Teaching Mathematics in Primary Schools (EDN333)

Credit Points: 4

MURDOCH: S1-internal, S1-external

ROCKINGHAM: S1-internal

This unit aims to assist students in acquiring knowledge and skills which will facilitate primary school children's active learning of mathematics. It focuses on understanding and knowing the mathematics that children need to learn, how they learn that mathematics and how best to teach it. The content will address key elements of the primary school curriculum: number and algebra; measurement and geometry; statistics and probability.

Lectures: 1 hour per week; workshops: 3 hours per week.

Prerequisites: Enrolment in a Teacher Education course [BEd (Primary), BEd (Primary) (Graduate), BEd (Early Childhood and Primary), BEd (Primary)/BA (AIS), or BEd (Primary, 1-10 Health and Physical Education)], and successful completion of EDU101/EDU1011 Introduction to Teaching or EDN112/EDN1121 Understanding Teachers' Work AND EDN114 Thinking Mathematically.

Teaching Mathematics in Primary Schools (EDN3331)

As for EDN333 except:

Credit Points: 3

MURDOCH: S1-internal, S1-external

Prerequisites: Enrolment in GradDipEd (Primary) plus successful completion of either EDU101/EDU1011 Introduction to Teaching or EDN112/EDN1121 Understanding Teachers' Work

Exclusions: Enrolment in BEd (Primary)

Students enrolled in EDN3331 and EDN2231 need to enrol in the EDN2151 Professional I Experience: Primary in the same semester. The EDN2151 Professional Experience: Primary will take place in a Perth school with a Murdoch University Supervisor.

Teaching Mathematics in Primary Schools (EDN351)

As for EDN333 except:

Credit Points: 3

Not available this year

Teaching Religion in Schools (THE246)

Credit Points: 4

Not available this year

This unit has been designed to meet the needs of people who expect to be teaching religious studies in schools. In the first instance, it has been tailored to the requirements of persons who, whilst qualified in other respects under the legislation referring to Special Religious Instruction, are not teacher-trained. In the 4-point mode, methods of classroom control, teaching and assessment are linked with monitored teaching experiences in school placements arranged during the unit.

Lectures: 2 hours per week plus 20 hours field placement.

Prerequisites: Nil.

Teaching Religion in Schools (THE511)

Credit Points: 3

Not available this year

Teaching Science in Primary Schools (EDN442)

Credit Points: 3

Not available this year

This unit aims to prepare students for facilitating effective learning in 'Science', with particular application to the primary classroom. The unit promotes the use of 'inquiry' or an investigative approach to learning.

Prerequisites: Nil.

Teaching Second/Foreign Languages (EDN516)

Credit Points: 3

MURDOCH: S1-internal, S1-external

The aim of this unit is to provide intending teachers of a second or foreign language with necessary skills in the areas of curriculum design and implementation. The unit comprises the general study of language and the curriculum, together with providing some opportunity for working with specific language curricula. It examines language teaching practice, and gives students the opportunity to explore a variety of classroom techniques and approaches.

Lectures/workshops: 50 hours

Prerequisites: Enrolment in a Postgraduate Education course.

Eligibility must be confirmed with the Unit Coordinator.

EDN416/EDN516: LOTE: Adequate language skills; TESL: high level of English language competence.

Teaching Society and the Environment in Primary Schools (EDN441)

Credit Points: 3

Not available this year

This unit aims to prepare students for facilitating effective learning in 'Society and the Environment', with particular application to the primary classroom. The unit promotes the use of 'inquiry' or an investigative approach to learning.

Prerequisites: Nil.

Teaching The Arts in Primary Schools (EDN225)

Credit Points: 4

MURDOCH: S2-internal, S2-external

ROCKINGHAM: S2-internal

This unit explores teaching and learning the Arts in primary schools. (including Early Childhood Education). Teaching and learning in Dance, Drama, Media Arts, Music and Visual Arts; integrating the Arts in the curriculum; how the arts shape and express experience; and, learning the arts as ways of knowing and making meaning; how the arts help us know what it means to be human; developing arts literacy and capacity to engage with, reflect on and make informed judgements about the arts.

On-campus students: Lectures/workshops: 4 hours per week.

Students are required to attend and participate in lectures/workshops. On-campus students attend lecture workshops Week 1-10 and Week 14 of Semester 2.

External students complete this unit by participating during semester 2 through online learning, Weeks 1-10 and 14, and in addition are required to attend an on-campus intensive teaching week in Week 12 of Semester 2 (Dates subject to confirmation; information on dates posted on School of Education web site). External students are also required to complete during the semester a self-devised study program equivalent to the workshops undertaken by internal students. External students are to access lectures on LMS. Details will be advised in the Unit Information and Learning Guide and on the unit information page, the School of Education's web site and LMS.

All students will need to access LMS during this unit, to submit work electronically and create digital portfolios/assignments. Students are expected to take their workshops at the campus of their unit enrolment.

Prerequisites: Successful completion of EDN111 Language for Learning and Teaching or EDN112 Understanding Teachers' Work or EDU101/EDU1011 Introduction to Teaching or enrolment in a graduate-entry Bachelor of Education (Primary).

Co-requisite (for all students): Internet access and digital completion

of assignments as stipulated in the Unit Information and Learning Guide.

Exclusions: Students who have successfully completed EDU207 Primary Curriculum IIA (Arts, Health, Physical Education, and Technology and Enterprise), EDU217 Primary Curriculum IIB (Arts, Health and Physical Education) may not enrol in this unit for credit.

This unit is studied with EDN226 Teaching Health and Physical Education in Primary Schools.

Both EDN225 and EDN226 are studied with EDN2100 Professional Experience: BEd Primary which is in ST3 teaching period.

Teaching The Arts in Primary Schools (EDN225)**As for EDN225 except:**

Credit Points: 3

MURDOCH: S2-internal, S2-external

ROCKINGHAM: S2-internal

Prerequisites: Enrolment in Bachelor of Education (Graduate)

Primary plus successful completion of either of EDU101/EDU1011

Introduction to Teaching or EDN112/EDN1121 Understanding

Teachers' Work; OR concurrent enrolment in EDN111 Language

and Learning for Teaching, EDN112 Understanding Teachers' Work

and enrolment in Bachelor of Education (Early Childhood 0-8).

This unit is studied concurrently with EDN225. The assessment requirements for the unit are different from EDN225.

This unit is studied with EDN2261 Teaching Health and Physical Education in Primary Schools.

Both EDN2251 and EDN2261 are studied with EDN2100

Professional Experience: BEd Primary which is in ST4 period.

This unit is for students who are completing the previous Bachelor of Education (Primary) who have not completed EDU207.

Teaching The Arts in Primary Schools (EDN236)**As for EDN225 except:**

Credit Points: 3

Not available this year

Teaching, Learning and Working in Culturally Diverse Environments (EDU616)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit examines challenges and potential of cultural diversity in teaching and learning from school to university, including international, transnational education, study of languages, vocational and professional workplace learning. A multi-disciplinary approach is adopted, with concepts drawn from social, cross-cultural and cultural psychology; sociology; cultural studies; intercultural relations and communication; and intercultural learning. Participants will gain a solid, research-based understanding of key issues and will be well prepared to promote productive cultural diversity and positive intercultural transformation

Seminars and workshops are delivered after 4.30pm (8 meetings of 3 hour each spaced through the semester). Students will complete research assignments independently, in consultation with teaching staff.



Technology and Accounting Processes (BUS217)

Credit Points: 4

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

ROCKINGHAM: S2-internal

KAPLAN-SGP: TJA-internal, TSA-internal

KDUPJ: S1U-internal

SGP1: TJB-internal, TSB-internal

This unit provides the fundamental concepts and technical skills that students need for future units in accounting. By the end of the course, students will be able to record accounting transactions and produce relevant financial statements in accordance with Australian Accounting Standards. Topics include the double entry recording system, financial statements, valuation and measurement of assets, liability and equity. Students will also utilise QuickBooks software to facilitate their understanding of the computerised accounting process.

Lectures: 1 hour per week; workshops: 2 hours per week.

Prerequisites: BUS160 Introduction to Accounting.

Exclusions: Students who have successfully completed C168 Principles of Accounting and/or C255 Financial Accounting 1 may not enrol in this unit for credit.

Trimester offerings for this unit at Singapore (SGP1) are taught in intensive mode.

Technology and Accounting Processes (BUS285)*As for BUS217 except:*

Credit Points: 3

Not available this year

Technology and the Law (BSL216)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit involves a study of real and personal property law as well as intellectual property law. It considers types of land ownership and other legal interests in land, including leases. It also investigates the forms of legal protection given to technology, Patents, copyright, trademarks, designs and information privacy are particular topics of interest.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS165 Principles of Commercial Law.

Exclusions: Students who have completed BUS216 Technology and the Law may not enrol in this unit for credit.

Television, Video and Popular Culture (MCC235)

Credit Points: 4

Not available this year

This unit introduces critical themes and research methods appropriate to the study of small screen media (TV, computer, mobile), and their impact on everyday life and popular culture. Students will consider the history of television and video, the cultural forces that shape small screen use, and the rise of web-based, mobile, and user-generated content currently displacing broadcast media forms. Students will also have the opportunity to develop research skills with applications across the academy, government, and media industries.

Lectures/tutorials: 2.5 hours per week.

Prerequisites: Nil.

Exclusions: Students who have completed MCC235 Popular Culture and Everyday Life, or MCC219 Contemporary Cultures and the

Small Screen, or COM235 Culture and Everyday Life, may not enrol in this unit for credit.

Telling True Stories (EGL233)*As for EGL234 except:*

Credit Points: 3

Not available this year

Telling True Stories (EGL234)

Credit Points: 4

MURDOCH: S1-internal

Literary journalism combines the finest traditions of print journalism and creative writing, using fictional techniques in the telling of factual stories. Students will explore the theory and history of literary journalism. They will also be required to produce a piece of literary journalism.

Workshops: Up to 2.5 hours per week.

Prerequisites: MCC104 Introduction to Journalism OR JOU220 Principles of Journalism OR EGL122 Creative Writing: Text and Practice I OR EGL269 Creative Writing: Text and Practice II.

Exclusions: Students who have successfully completed JOU225/JOU425/MCC234/MCC534 Literary Journalism may not enrol in this unit for credit.

Terrorism in a Globalised World (POL234)*As for POL293 except:*

Credit Points: 3

Not available this year

Terrorism in a Globalised World (POL293)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit focuses on the threats of terrorism in a world that is globalised, paying special attention to the relationship between terrorism and the revolution in transport and communications that underpins globalisation. After examining how the media portrays terrorism, it analyses 'war on terror' in relation to nationalism, international order, the UN, and the values of global governance. It finally examines four case studies: Northern Ireland, South-East Asia, the Middle East and the terrorist attacks of 11 September 2001.

Lectures: 1.5 hour per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Tertiary and Adult Education Policy (EDN544)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit examines policy issues related to tertiary and adult education at both the micro and macro levels. We will look at issues of tertiary and adult education as they relate to individuals, universities and other adult and tertiary education settings, the larger national society, and the global context. This unit is inter-disciplinary, using philosophical, psychological, economic, political and sociological perspectives to critically examine tertiary and adult education.

Seminars: 3 hours per week.

Prerequisites: Enrolment in a postgraduate qualification or permission of the Unit Coordinator.

Exclusions: Students who have successfully completed E407 Perspectives and Issues in Adult Education may not enrol in this unit for credit.

The European Union in the New Millennium: Challenges of Integration (POL225)

Credit Points: 4

Not available this year

European integration has been hailed as the most ambitious and successful example of peaceful international cooperation in world history. This unit explores the origins and evolution of the European Union: its institutions; the key challenges facing the EU (the Eurozone crisis, integration and enlargement, sovereignty, foreign and defence policy, citizen and diversity); and in particular the EU's future in the 21st century.

Lectures: 2 hours per week; tutorials 1 hour per week.

Prerequisites: Nil.

This unit is offered cooperatively with LaTrobe University and includes sizeable online and independent learning components.

The European Union in the New Millennium: Challenges of Integration (POL325)

As for POL225 except:

Credit Points: 3

Not available this year

Theories in the Humanities - Honours (EGL461)

Credit Points: 4

MURDOCH: S1-internal

This unit is designed to assist students in formulating the theoretical and methodological parts of their Honours thesis. Readings will reflect the needs of individual projects. The unit supports the research of Honours students from such disciplines as Literature, Cultural Studies, Creative Writing, Media, Philosophy, and others.

Prerequisites: Enrolment in Honours in English and Creative Writing or Honours in Theatre and Drama.

Theories of Development (SWM511)

Credit Points: 3

MURDOCH: S1-internal

The many competing visions of development are a challenge to professionals working in this area. This unit offers a high-level overview of the key theoretical and policy debates that guide these visions, across different institutional and national settings. Student will be asked to consider fundamental questions about aid and development and to apply what they learn to the design of a development program.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Exclusions: Students who have successfully completed STP604 Overseas Aid and International Development may not enrol in this unit for credit.

Theories of Mind (PHL209)

As for PHL230 except:

Credit Points: 3

Not available this year

Theories of Mind (PHL230)

Credit Points: 4

Not available this year

Multiple personalities, schizophrenia, comatose states, simian language, cloned brains, zombies and avatars are all headline topics in the huge domain of consciousness studies. This unit will address contemporary theories and case studies about what makes a mind a special thing: do some animals have minds, can memories be downloaded, can an android have dreams or emotions, is there a solid argument for the human soul's immortality, is the Matrix world possible, does the United States of Tara make sense?

Lectures/seminars: 2 hours per week.

Prerequisites: Nil.

This unit will be offered in alternate years.

Thermodynamics (CHE201)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit provides a foundation for the study of systems from both theoretical and applied thermodynamic perspectives. Students study basic and solution thermodynamics as well as an elective module. Students are able to choose between either high temperature (metallurgical) thermodynamics or low temperature (biological thermodynamics), depending on their program of study. Examples are drawn from a wide range of applications relevant to chemistry, extractive metallurgy and biology.

Lectures/workshops: 4 hours per week; laboratories: 4 hours per week for 10 weeks.

External: compulsory 5-day on-campus laboratory session.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: CHE/PEC144 Chemical Principles; MAS161 Calculus and Matrix Algebra or MAS182 Applied Mathematics; PEC/PEN152 Principles of Physics; or enrolment in G1034 Graduate Diploma in Extractive Metallurgy.

All students study the basic and solution thermodynamics' material in blocks A and B. In addition, Chemistry students may choose either 'biological thermodynamics' or 'metallurgical thermodynamics' (blocks D and C respectively); Extractive Metallurgy and Mineral Science students must take 'metallurgical thermodynamics' (block C).

Thermodynamics for Physics and Nanotechnology (PEC302)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit looks at thermal energy transfer from both macroscopic and microscopic perspectives based on the fundamental principles of thermodynamics and statistical mechanics. The basic laws of thermodynamics and statistical mechanics are used to analyse the performance and efficiency of various thermodynamic processes including solar energy conversion and global warming. Another important aspect is nanothermodynamics, the thermodynamics of phenomena and processes at the nanometric scale.

Lectures/workshops: 4 hours per week; tutorials: 1 hour per week.

Prerequisites: MAS161 Calculus and Matrix Algebra or MAS182 Applied Mathematics or MAS183 Statistical Analysis and Databases; PEC/PEN152 Principles of Physics or PEC120 General Physics; CHE140/PEC140 Introduction to Chemistry or PEC114 Chemistry for Biological Sciences or PEC115 Chemistry for Environmental Sciences or PEC116 Chemistry for Physical Sciences or CHE/PEC144 Chemical Principles.

Students enrolled in the Physics and Nanotechnology course are strongly encouraged to take this unit.

Thermodynamics for Physics and Nanotechnology (PEN202)

As for PEC302 except:

Credit Points: 3

Not available this year

Thinking Mathematically (EDN114)

Credit Points: 3

MURDOCH: S2-internal, S2-external

ROCKINGHAM: S2-internal

This unit is designed for future teachers of K-10 mathematics. We explore the nature of mathematics in our everyday world and its origins in our past to understand its prime place in school curricula.

Both the content: number and algebra, geometry and measurement, probability and statistics, and the characteristic processes of problem solving, reasoning and numeracy are addressed. Students in the 200-level version complete an additional project related to teaching secondary mathematics. The unit has extensive online resources.

Lectures: 1 hour per week; Workshops: 2 hours per week.

Prerequisites: Co-requisite (for all students): Internet access.

Exclusions: Students who have successfully completed EDU162 Cultural Mathematics may not enrol in this unit for credit.

Students who have not successfully completed mathematics to at least Stage 2 Year 12 level are strongly encouraged to complete EDN110 Mathematics for Teaching before enrolling in EDN114. If students fail EDN110 they cannot enrol in EDN114 Thinking Mathematically. If students fail EDN114 and have not already completed EDN110, then they must complete EDN110 before enrolling again in EDN114.

Thinking Mathematically for Teachers (EDN214)

Credit Points: 4

MURDOCH: S1-external, S2-internal, S2-external

This unit is designed for future teachers of 7-10 mathematics. We explore the nature of mathematics in our everyday world and its origins in our past to understand its prime place in school curricula.

Both the content: number and algebra, geometry and measurement, probability and statistics, and the characteristic processes of problem solving, reasoning and numeracy are addressed. Students in the 200-level version complete an additional project related to teaching secondary mathematics. The unit has extensive online resources.

Lectures: 1 hour per week; Workshops: 2 hours per week.

Prerequisites: Co-requisite (for all students): Internet access.

Exclusions: Students who have successfully completed EDU162 Cultural Mathematics may not enrol in this unit for credit.

Thinking Scientifically (EDN115)

Credit Points: 3

MURDOCH: S2-internal, S2-external

ROCKINGHAM: S2-internal

For students intending to be primary or lower secondary school science teachers, or for those who wish to strengthen their knowledge and skills in science and scientific reasoning. Students study key unifying themes of science: working scientifically; chemistry; earth science; physics. Emphasis will be on understanding the conceptual bases of science. The unit will concentrate on developing skills in investigating, communicating and evaluating the relevance and importance of scientific literacy.

Lectures: 2 hours per week; tutorials/laboratories: 2 hours per week.

Prerequisites: Nil.

Exclusions: This unit is not available to students enrolled in a Science major. Students who have successfully completed EDU113 Introduction to Science or EDN115 Thinking Scientifically may not enrol in this unit for credit.

Thinking Theology (THE107)

Credit Points: 3

Not available this year

This unit introduces students to the foundations, scope and methodology of theology and its main areas of study: biblical, historical, systematic, and pastoral. It discusses how the theological disciplines relate to each other and to other disciplines. It provides a groundwork for further studies in theology. The unit examines the thinking of theology in Christian communities within history and society, by focusing on selected figures, contexts, and issues.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Thinking Theology (THE505)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit introduces students to the sources, methods and core questions of systematic theology. In this unit, the nature and content of fundamental Christian beliefs will be explored, as well as why and how these beliefs arose. Students will be challenged and encouraged to think theologically themselves.

Three day-long intensives of six hours, plus six hours of online contact (discussions/tutorials/lectures). Please check the timetable for the scheduling of the intensives.

Prerequisites: Enrolment in graduate level study.

Time Series and Multivariate Analysis (MAS352)

As for MAS368 except:

Credit Points: 3

Not available this year

Time Series and Multivariate Analysis (MAS368)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit introduces two related topics -- methods for the analysis of measurements made sequentially over time and of data which are more generally multivariate and correlated. Time series models are developed and inferential procedures (estimation, testing, forecasting) discussed. This section also includes frequency domain methods for the extraction of signals from noisy data. Multivariate

techniques include methods of summarising high-dimensional data and assessment of characteristics which best distinguish groups of cases.

Lectures/tutorials: 4 hours per week.

Prerequisites: MAS278 Probability and Statistical Inference OR MAS284 Applied Statistics and Process Management OR MAS230 Biostatistical Methods. In addition students must have a calculus background equivalent to at least either MAS161 Calculus and Matrix Algebra OR MAS208 Mathematical Modelling.

Exclusions: Students may not enrol in this unit and either of MAS180 Introduction to Statistics or MAS183 Statistical Data Analysis concurrently.

Topical Issues in Legal Studies (LEG4103)

Credit Points: 4

MURDOCH: S1-internal, S2-internal, Y-internal

Topics in Taxation (BUS315)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit provides for a more intensive study of contemporary issues, including Goods and Services Tax and Fringe Benefits Tax, in Australian taxation. It will attempt to integrate fundamental tax concepts and principles into practical situations, having regard to the underlying premise that virtually every financial or commercial transaction has taxation implications. In addition, the special rules relating to the taxation of flow-through entities (partnerships and trusts) will be analysed.

Lectures: 2 hours per week; workshop: 1 hour per week.

Prerequisites: BUS313 Taxation.

Tortious Liability (BCL252)

Credit Points: 4

MURDOCH: S2-internal

This unit aims to acquaint students with the law concerning civil liability to compensate for harm caused by wrongful conduct (the tort). The emphasis is on negligent conduct, including words and deeds, causing damage to the person or property or economic loss. This unit will consider the Civil Liability Act 2002 (WA) and its interpretation. Other forms of liability tort including liability for intentional torts are also examined.

Lectures: 4 hours per week; workshops: up to 1 hour per fortnight.

Prerequisites: Enrolment in Common Law (BCL) and BCL250 Australian Common Law System.

Torts (LAW152)

Credit Points: 3

MURDOCH: S2-internal

This unit aims to acquaint students with the law concerning civil liability to compensate for harm caused by wrongful conduct (the tort). The emphasis is on negligent conduct, including words and deeds, causing damage to the person or property or economic loss. This unit will consider the Civil Liability Act 2002 (WA) and its interpretation. Other forms of liability tort including liability for intentional torts are also examined.

Lectures: 3 hours per week; tutorials/workshops: up to 10 hours per semester.

Prerequisites: Enrolment in LLB or Juris Doctor (pre-2014); LLB students must have completed LEG150 (prior to 2011)/LAW150 Australian Legal System. Juris Doctor students may enrol with LAW150 as a co-requisite.

Exclusions: Students who have successfully completed L165 Torts and the Australian Legal System may not enrol in this unit for credit.

Tourism and Hospitality Law (BSL204)

As for BSL207 except:

Credit Points: 3

Not available this year

Tourism and Hospitality Law (BSL207)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit is about law specifically relevant to the tourism and hospitality industries in Australia. Common law and legislation a focus of study includes contracts for passenger transport and traveller accommodation, tort law relevant for tourist activities and attractions, consumer protection for travellers, carrier liability laws, travel agency law, and the law relating to food and beverage. Liability issues are a particular area of interest.

Lectures: 2 hour per week; tutorials: 1 hours per week.

Prerequisites: BUS165 Principles of Commercial Law.

Exclusions: Students who have completed BUS207 Tourism Law may not enrol in this unit for credit.

Tourism and Hospitality Law (BUS207)

Credit Points: 4

KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

This unit is about law specifically relevant to the tourism and hospitality industries in Australia. Common law and legislation a focus of study includes contracts for passenger transport and traveller accommodation, tort law relevant for tourist activities and attractions, consumer protection for travellers, carrier liability laws, travel agency law, and the law relating to food and beverage. Liability issues are a particular area of interest.

Lectures: 2 hour per week; tutorials: 1 hours per week.

Prerequisites: BUS165 Principles of Commercial Law.

Exclusions: Students who have completed BUS207 Tourism Law may not enrol in this unit for credit.

Tourism Project (TOU302)

Credit Points: 4

MURDOCH: S2-internal, S2-external

Tourism, one of the largest industries globally, has been used as a community development tool and a focus for international aid. Tourism is dependent upon global policies and politics, it is highly responsive to natural, economic and political occurrences focussing on authentic, historical and cultural situations and events. Students undertake independent research on a Tourism topic of their own with the approval of the Unit Co-ordinator. Students may undertake this unit in the context of supervised work experience.

Lectures/workshops: up to 3 hours per week.

Prerequisites: Successful completion of TOU101 Introduction to Tourism Systems and TOU201 Sustainable Tourism and at least 24 points at Part II.

Tourism Project (TOU322)*As for TOU302 except:*

Credit Points: 3

Not available this year

Transforming Business (BBS150)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ROCKINGHAM: S2-internal

The relationship between business and the wider community continues to change in new and significant ways. Today, the global economy is an intricate web of social, political and economic entities. This unit allows students to understand the purpose and nature of business activity and the factors that influence and constrain business behaviour and decisions, as well as the commonalities and differences across various regions and countries.

Lectures: 2 hours per week; workshops/tutorials: 2 hours per week.

Prerequisites: Enrolment in a Bachelor of Business.

Transition to Nursing Studies (BNR100)

Credit Points: 3

PEEL: S1N-internal, S2N-internal

This unit will assist your transition to university life by helping you build the skill set necessary for lifelong learning and success in your nursing studies. The emphasis will be on developing literacy, numeracy, communication and information technology skills, which will prepare you to attain and present knowledge and information in a variety of modes for a range of education, health and nursing practice related purposes. These outcomes will be achieved by aligning content with your nursing practice units.

Lectures: 1 hour per week; tutorials: 2 hours per week.

Prerequisites: Enrolment in the Bachelor of Nursing.

Exclusions: Students who have successfully completed a Foundation Unit (units beginning with FDN) may not enrol in this unit for credit.

Transition to Veterinary Studies 1 (EQU021)

MURDOCH: S1-internal

This unit incorporates general study skills with supplementary teaching in the Foundation units and MAS183 Statistical Data Analysis and Databases.

Lectures/seminars/tutorials: 4 hours per week.

Prerequisites: This unit is restricted to Aboriginal and Torres Strait Islander students entering Veterinary or Biomedical Science through the Waardong program.

Transition to Veterinary Studies 2 (EQU022)

MURDOCH: S2-internal

This unit incorporates general study skills development with supplementary teaching in ANS106 Human and Animal Bioethics and electives.

Lectures/seminars/tutorials: 4 hours per week.

Prerequisites: This unit is restricted to Aboriginal and Torres Strait Islander students entering Veterinary Science through the Waardong program.

Transition to Veterinary Studies 3 (EQU023)

MURDOCH: S1-internal

This unit incorporates general study skills development with supplementary teaching in ANS102 Introduction to the Animal Body and electives.

Lectures/seminars/tutorials: 4 hours per week.

Prerequisites: This unit is restricted to Aboriginal and Torres Strait Islander students entering Veterinary or Biomedical Science through the Waardong program.

Transition to Veterinary Studies 4 (EQU024)

MURDOCH: S2-internal

This unit incorporates study skills development with supplementary teaching in BIO152 Cell Biology and BMS107 Principles of Vertebrate Physiology.

Lectures/seminars/tutorials: 4 hours per week.

Prerequisites: This unit is restricted to Aboriginal and Torres Strait Islander students entering Veterinary or Biomedical Science through the Waardong program.

Transitioning into Engineering (BEN100)

Credit Points: 3

MURDOCH: S1-internal, S2-internal

Skills learnt include critical, logical and creative thinking, written and oral communication, computer programming and problem solving. Students will learn structured essay writing to show evidence of arguments, academic integrity; report writing for experiment design and documentation of results; graphical and CAD drawing for visualisation of problems, evidence and solutions; and reflective writing for self-development. Numeracy skills will highlight the importance of mathematics and statistics to engineering research and practice.

Lectures: 2 hours per week; workshops: 2 hours per week; laboratories: 2 hours per week.

Prerequisites: Enrolment in a Bachelor of Engineering.

Exclusions: Students who have successfully completed a Foundation Unit (units beginning with FDN) may not enrol in this unit for credit.

Transmission and Distribution System Design and Planning (ENG556)

Credit Points: 3

Not available this year

The unit discusses techniques for the effective design and planning of both the transmission and distribution networks from the technical and economic point of view, including issues of reliability and stability.

Meetings/laboratories: by arrangement with the Unit Coordinator.

Prerequisites: Enrolment in ME.

Trauma Counselling (CSL674)

Credit Points: 3

MURDOCH: S1-internal

In this unit the student can expect to learn theories, as well as models of best practice, in the field of circumscribed and complex trauma. The unit's broad based learning framework introduces neuro-biological models, up to date brain research and corresponding advances in working with trauma. It also illuminates

the interaction between trauma and complicated grief. Attention will be given to social context and human diversity.

Lectures: 3 hours per week.

Prerequisites: Enrolment in Master of Counselling. Other students wanting to study this unit can be interviewed by the Unit Coordinator for consideration by the Counselling Academic Chair

Exclusions: Students who have successfully completed PSY674 Counselling: Trauma Counselling may not enrol in this unit for credit.

Travel and Tourism in Society (TOU102)

Credit Points: 3

MURDOCH: S2-internal, S2-external
ROCKINGHAM: S2-internal
KAPLAN-SGP: TJA-internal, TSA-internal

In this unit students will 'experience' the world of travel and tourism through the writings of travellers, through the work of social researchers and through their own travel experiences. The main concern in this unit will be the human dimension of tourism, the motivation to travel, the experience of travel and impacts on host communities. At least one field trip will be an important activity during the semester.

Lectures/tutorials: up to 3 hours per week; plus field trip.

Prerequisites: Nil.

Exclusions: Students who have successfully completed TOU102 Introduction to Travel and Tourism may not enrol in this unit for credit.

Treasury Management (BUS244)

Credit Points: 4

MURDOCH: S1-internal, S1-external
DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

The unit provides an introduction to fundamental concepts associated with the management of risk within an institution. Broadly, it will cover the basic financial engineering tools, the yield curve and the pricing of fixed income instruments. Specific instruments including futures, Forward Rate Agreements (FRAs), options and swaps will be discussed in detail. The unit will also consider the trading environment, focusing on market structures and function.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS140 Principles of Finance and Banking or BUS130 Foundational Mathematics for Business.

Treasury Management (BUS288)

As for BUS244 except:

Credit Points: 3

Not available this year

Trial Advocacy (LAW328)

Credit Points: 4

MURDOCH: SP23-internal (quota of 30 places)

Provides an understanding of trial processes and teaches basic techniques of trial advocacy. These techniques include identifying the case theory, opening and closing addresses, submissions on law and fact, proofing witnesses, examination, cross examination and re-examination of witnesses, and tender and proof of evidence. The unit also revises parts of the law of evidence, outlines civil and

criminal trial procedure and raises ethical issues for consideration. The unit involves group work and individual performance.

Taught intensively over 1 week: refer to timetable for details.

Prerequisites: LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract, LAW252 Evidence.

A result of Ungraded Pass or Fail is awarded for this unit.

This unit is subject to quota. Quota is due to interactive teaching methods. Preference will be given to students in Law in their final year.

Trial Advocacy (LLB328)

As for LAW328 except:

Credit Points: 3

Not available this year

This unit is not subject to quota.

Triune God (THE429)

Credit Points: 4

MURDOCH: S1-external

This unit explores the Christian concept of one God existing in Trinity of Persons. It begins with a discussion of the development of modern atheism. Against this background it will develop an understanding of God which overcomes legitimate criticisms of common images. This understanding needs to be consistently Trinitarian.

Prerequisites: THE258 Christology or THE258/458 Christian Understandings of God or S258 Christ in Context.

Exclusions: Students who have successfully completed S429 Triune God may not enrol in this unit for credit.

Triune God (THE619)

Credit Points: 3

Not available this year

In this unit we will investigate the Christian understanding of God as triune within the context of the contemporary critique of religion. We will explore the classical themes and questions of the Christian doctrine of God, as well as contemporary approaches and challenges.

Seminars: 2 hours per week

Prerequisites: THE505 Thinking Theology and THE510 Emerging Christian Theology -The Creeds (100-500CE)

Exclusions: Students who have successfully completed THE429 Triune God cannot enrol in this unit.

Tropical Marine Biology (BIO383)

Credit Points: 4

MURDOCH: W-internal (quota of 40 places)

Ningaloo Reef is Australia's longest fringing coral reef and one of the world's largest. This broad-ranging advanced marine biology unit provides an opportunity to study tropical marine biology and ecology in a coral reef setting. It provides an introduction to Western Australian biogeography and habitats, covering advanced topics in biology, physiology and ecology of marine plants and animals. Human impacts and conservation of tropical marine environments are addressed. The field camp provides training and experience in field techniques.

Lectures: 15 lectures; laboratories: 8 hours in four classes; tutorials: one 2 hour class; field camp: 12 days. Lectures, laboratory and



tutorial classes will normally be held at Murdoch campus over a five-day period, although some may be held during the field camp.

A 12-day field camp will be run at the Coral Bay Research Station on the Ningaloo Reef, immediately after the on-campus component.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: BIO261 Animal Diversity OR BIO265 Plant Diversity OR BIO287 Plant Diversity (Marine Science) OR ENV268 Ecology OR permission of the Unit Coordinator.

This unit will have additional costs for the field trip component. Additional costs include but are not limited to travel, accommodation, meals, facilities hire, etc.

This unit is subject to quota. Quota is due to limited transport and accommodation. In addition to quota, a minimum of 12 enrolments are required for this unit to proceed.

Trusts (LLB353)

Credit Points: 3

Not available this year

This unit will introduce students to the equitable jurisdiction - its origin, purpose and operation. Students will learn about: the judicature system, equitable maxims, some of the most important doctrines (including equitable estoppel, undue influence, unconscionable transaction, fiduciary obligations and breach of confidence), selected equitable proprietary interests and equitable remedies (including specific performance, injunctions, declarations, equitable compensation and damages in equity). This unit focuses on the role of equity and equitable doctrines in the law of obligations and property law.

Lectures: 24 hours per semester; Tutorials/workshops: 5 hours per semester.

Prerequisites: LEG120/LAW120 Research and Writing, LEG150/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, and LAW260 Contract; PLUS concurrent enrolment with LLB351 Equity and Trusts A OR successful completion of LLB351 Equity and Trusts A.

Exclusions: Students may not enrol in LLB353 Equity and Trusts B if they have successfully completed LAW351 Equity & Trust

Turning Points in Church History (THE509)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit provides an introduction to the history of Christianity by focusing on significant developments in global Christianity between the first and the twentieth centuries. Major developments in the shape of the Church, its relations with the state and wider society, divisions within Christianity, and important spiritual movements will be among some of the topics covered by the unit. Students will do some work with primary sources and develop some knowledge of important scholarly interpretations of the Christian past.

Three day-long intensives of six hours, plus six hours of online contact (discussions/tutorials/lectures). Please check the timetable for the scheduling of the intensives.

Prerequisites: Enrolment in graduate level study.

Turning Points in Literature (EGL121)

Credit Points: 3

MURDOCH: S1-internal, S1-external

The unit introduces a wide and challenging range of literary texts. Designed to provide an essential foundation for further literary studies, the unit encourages students to explore different ways of reading and interpreting genres: narrative fiction, poetry and drama. This unit should also have wide appeal to enterprising students from other majors who are interested in reflecting on the role and value of literature in society.

Lectures: 1 hour per week; tutorials: up to 1.5 hours per week.

Prerequisites: Nil.

Understanding Teachers' Work (BED150)

Credit Points: 3

MURDOCH: S2-internal, S2-external

ROCKINGHAM: S2-internal

This unit introduces students to the profession of teaching. It commences by looking at the self as a learner/teacher and examines the impact this may have on the role of an educator. The unit enables students to appreciate the diverse roles and responsibilities of the teacher, to understand students as individuals and groups, and to develop a critical awareness of the function of schooling in Australia. The unit integrates school experience in both a primary and secondary school setting.

On-campus students: Lectures/workshops: 3 hours per week. Students are required to attend and participate in lectures/workshops.

All students must complete two weeks of school experience (two 5-day blocks, full-time)

Students will need access to the Learning Management System (LMS) to submit work electronically and create digital portfolios/assignments.

Students are expected to take their workshops at the campus of their unit enrolment.

Exclusions: Students who have successfully completed EDN112 Understanding Teacher's Work cannot enrol in this unit for credit.

Understanding Teachers' Work (EDN112)

Credit Points: 3

Not available this year

This unit introduces students to the profession of teaching. It commences by looking at the self as a learner/teacher and examines the impact this may have on the role of an educator. The unit enables students to appreciate the diverse roles and responsibilities of the teacher, to understand students as individuals and groups, and to develop a critical awareness of the function of schooling in Australia. The unit integrates school experience in both a primary and secondary school setting.

On-campus students: Lectures/workshops: 3 hours per week. School Experience: two 5-day blocks.

Students are required to attend and participate in lectures/workshops and take their workshops at the campus of their unit enrolment.

Students will need to access the Learning Management System (LMS) to submit work electronically and create digital portfolios/assignments.

Prerequisites: Enrolment in an initial teacher education course or permission from the Unit Coordinator.

Criminal History Record Clearance and Working with Children Clearance:

It is compulsory for all students (Internal, Interstate, Country or Overseas) to have a WA Department of Education Criminal History

Record Clearance AND a Working With Children Clearance from the Department of Community Development (DCD) if they are working in a Western Australian School. For students completing their school experiences in places outside of WA, they will need to check the local regulations.

Criminal History Record Clearance application forms are available in the Murdoch University Professional Experience Office or the web site. Do not apply to police stations.

Working With Children application forms are available at Western Australian Post Offices. Students need proof of identity when submitting these forms. Copies of these clearances are a requirement for placement in any school in WA. Students need to apply for their Criminal History Record Clearance at least six weeks prior to being placed in a school, as they can take time to be processed. An officer from the Professional Experience Office must sign the Working With Children forms, which students must take to a Post Office to be registered.

Co-requisite: Internet access if studying externally.

Exclusions: Students who have successfully completed EDU101 Introduction to Teaching or EDU1011 may not enrol in this unit for credit.

Understanding Teachers' Work (EDN1121)

As for EDN112 except:

Credit Points: 3

MURDOCH: UA2-internal

This is a four-week intensive program with two weeks on campus work followed by two weeks of school experience. Lectures/workshops/ tutorials: 9 days on campus; school experience: two 5-day blocks.

Prerequisites: Enrolment in the Graduate Diploma in Education (Primary) or Graduate Diploma in Education (Secondary) or BEd Primary Graduate or BEd Secondary Graduate or discretion of the Academic Chair.

University Breadth in Practice Unit (BRD350)

Credit Points: 3

Not available this year

In this unit you will work within an inter-disciplinary group comprised of students from a mix of degrees. You will be assigned a project topic drawn from a range of real-world problems. Each group will formulate an appropriate response, drawing on the team's different disciplinary knowledge and technical expertise, to experience interdisciplinarity in practice. You will have an opportunity to present your findings in a range of formats from written texts to oral and multimedia displays.

University Breadth Unit (BRD250)

Credit Points: 3

Not available this year

In this unit your understanding of disciplinary knowledge from your own degree will be expanded and extended to include the differences and similarities between the ways of knowing from many disciplines. You will learn how understanding and communication work across the sciences, technologies, engineering, mathematics, social sciences, humanities, business education and law.

US Policies and Global Security (POL211)

Credit Points: 4

MURDOCH: S1-internal, S1-external

This unit aims to develop a critical and in-depth understanding of American foreign policy and its impact on global security. Examine a range of American foreign policy actions and involvements from the Cold War to the post-Cold War era, including policies on arms control, environment, human security, democracy building and counterterrorism, alliance strategies in the Asia-Pacific, North Atlantic and the Middle East, and relationships with international organisations such as the UN, World Bank and the IMF.

Lecture: 1.5 hour per week; tutorial: 1 hour per week.

Prerequisites: Nil.

US Policies and Global Security (POL236)

As for POL211 except:

Credit Points: 3

Not available this year

Veterinary Anatomy I (VET240)

Credit Points: 4

MURDOCH: S1-internal

This unit explores the anatomy of domestic mammals, emphasising the musculoskeletal, nervous, peripheral vascular, and integumentary systems of companion animals. Differences in form and function due to influences of lifestyle and locomotor pattern are explored using a comparative species approach. Practical sessions involve dissections and studies of specimens held in the veterinary anatomy museum collection. Imaging techniques, auscultation and palpation of relevant body regions of the dog and horse highlight morphologically-based clinical aspects of the practical sessions.

Lectures: 4 hours per week; practicals: 4 hours per week.

Prerequisites: Enrolment in Veterinary Biology. Recommended: ANS102 Introduction to the Animal Body.

Biomedical students seeking a similar course with human emphasis should enrol in BMS202 Forensic Anatomy and Anthropology.

Veterinary Anatomy I (VET260)

As for VET240 except:

Credit Points: 3

Not available this year

Veterinary Anatomy II (VET212)

Credit Points: 4

MURDOCH: S2-internal

This unit will explore the anatomy of domestic mammals, emphasising the nervous, cardiorespiratory, urogenital and digestive systems of companion animals. Basic embryology will introduce each system and investigate the gross anatomical form and actions of each body system's components. Practical sessions involve dissections and studies of specimens held in the veterinary anatomy museum collection. Imaging techniques, auscultation and palpation of relevant body regions of the dog and horse will highlight morphologically-based clinical aspects of the practical sessions.

Lectures: 4 hours per week; practicals: 4 hours per week.

Prerequisites: Enrolment in Veterinary Biology; VET240 Veterinary

Anatomy I.

Veterinary Anatomy II (VET271)*As for VET212 except:*

Credit Points: 3

Not available this year

Veterinary Biochemistry (VET241)

Credit Points: 4

MURDOCH: S1-internal

Knowledge of molecular biochemistry and intermediary metabolism is central to the understanding of health, disease and the treatment of disease in animals. The unit emphasises the conceptual understanding of DNA, gene expression and metabolism in the whole animal. Regulation of intermediary and tissue metabolism forms the central component of the unit. Digestion and absorption of nutrients and metabolites by herbivores, omnivores and carnivores and their utilisation in the body, such as in muscle, will be used to integrate the unit.

Lectures: 4 hours per week; practicals/tutorials/problem-based learning: 3 hours per week.

Prerequisites: Enrolment in Veterinary Biology; BIO152 Cell Biology.

Exclusions: Students who have completed BMS261 Human and Comparative Biochemistry or ANS251 Agricultural Biochemistry may not undertake this unit for credit.

Veterinary Biochemistry (VET272)*As for VET241 except:*

Credit Points: 3

Not available this year

Veterinary Case Management Rounds (VET678)

Credit Points: 3

MURDOCH: H-internal, Y-internal

This unit explores issues that are pertinent to evidence-based clinical veterinary case management. The students are required to attend and contribute to a variety of hospital rounds including (1) discipline-relevant rounds, (2) weekly multi-discipline rounds (MDR), with at least one case presentation during the unit, and/or (3) journal club or other relevant discussion rounds as determined by the Supervisor.

There are approximately 10 MDR's scheduled per semester. Frequency of discipline related rounds should be no less than weekly. Frequency of journal club should be no less than bimonthly. Attendance at >80% of rounds is necessary.

Prerequisites: Enrolment into Master of Veterinary Clinical Studies, or enrolment into Doctor of Veterinary Medical Science.

Veterinary Core Clinical Rotations (VET530)

Credit Points: 15

MURDOCH: Y4-internal

This 24-week full-time unit allows students to acquire core clinical skills required for veterinary practice. Students will be assigned to small groups and complete the unit on a rotational basis. Most activities are conducted on campus but some off campus work is required.

Approximately 40 hours per week, occasional weekend and overnight participation will be required.

Prerequisites: All fourth year BVMS units (VET457, VET463, VET454, VET453, VET458, VET452, VET455, VET419, VET451).

Must be enrolled in Bachelor of Veterinary Medicine and Surgery.

Veterinary Diagnostic Imaging (VET462)

Credit Points: 3

MURDOCH: S2-internal

This unit comprises Imaging Techniques and Imaging Interpretation Principles. The imaging techniques component aims to develop skills and knowledge in radiographic technique and radiation safety and satisfies the licensing requirements to operate x-ray equipment. Ultrasound principles and radiation safety in nuclear medicine is introduced. The unit will introduce a basic approach to film reading, skills in the recognition of patterns of disease, develops radiographic terminology and the skills to describe and interpret the imaging findings using clinical case material.

Lectures: 36 hours; laboratories: 36 hours.

Prerequisites: Enrolment in Applied Veterinary Medicine; VET345 Veterinary Pharmacology; VET343 Veterinary Diagnostic Pathology; VET442 Animal Systems III; VET429 Professional Life III.

Veterinary Diagnostic Pathology (VET343)

Credit Points: 4

MURDOCH: S1-internal

This unit will develop skills and knowledge gained in previous units (physiology, pathology, anatomy) to diagnose disease processes in major organ systems: haemopoietic, cardiovascular, respiratory, lymphoid, alimentary, nervous, urinary, musculoskeletal, endocrine and integument. The unit introduces diagnostic methods in clinical and anatomic pathology to investigate and diagnose disease linked to clinical signs, along with pathological terminology, skills in interpreting clinical pathology data, biochemistry, haematology, urinalysis, and the ability to predict, describe and interpret effects of disease on major organ systems.

Lectures: 5 hours per week; practicals: 3 hours per week.

Prerequisites: Enrolment in Veterinary Biology; VET340 Processes in Animal Disease.

Veterinary Diagnostic Pathology (VET377)*As for VET343 except:*

Credit Points: 3

Not available this year

Veterinary Immunology and Molecular Genetics (VET293)

Credit Points: 3

Not available this year

Veterinary Immunology and Molecular Genetics (VET347)

Credit Points: 4

MURDOCH: S2-internal

This unit will provide basic knowledge and practical skills in veterinary and medical immunology together with molecular and quantitative genetics. Sections comprise features of the immune response in both health and disease, including an understanding of immunopathogenic mechanisms of disease. Emphasis is also given to the structure and functioning of genes and how this molecular knowledge is increasingly being applied to diagnosis and treatment. Includes a practical laboratory component and a written

assignment on a selected topic within immunology.

Lectures: 4 hours per week; practicals: 3 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed or who are currently enrolled in BIO252 Immunology, Vaccines and Cell Culture, or BMS265 Medical Immunology and Molecular Genetics may not enrol in this unit for credit.

Veterinary Microbiology (VET341)

Credit Points: 4

MURDOCH: S2-internal

This unit will provide basic knowledge and practical skills in microbiology relating to infectious diseases of animals. A generalist and integrated approach to pathogenic microbiology is adopted, but includes separate sections on bacteria and viruses. Sections comprise an introduction to features of pathogenic micro-organisms including structure, metabolism, genetic composition, culture and identification. Emphasis is given to the mechanisms causing disease and to principles of diagnosis and control.

Lectures: 5 hours per week; practicals: 3 hours per week.

Prerequisites: Enrolment in Veterinary Biology.

Veterinary Microbiology (VET376)

As for VET341 except:

Credit Points: 3

Not available this year

Veterinary Nutrition and Animal Toxicology (VET346)

Credit Points: 4

MURDOCH: S1-internal

This unit will provide students with an opportunity to learn about the fundamentals of nutrients, feeds, nutritional biochemistry of vitamins and minerals, interactions between nutrients and feed components, ration formulation, practical feeding strategies for livestock and companion animals, nutrition-responsive diseases and an introduction to toxicology of animals. Several components of this unit will be presented as workshops.

Lectures: 4 hours per week; workshops/seminars: 2 hours per week.

Prerequisites: Enrolment in Veterinary Biology; VET241 Veterinary Biochemistry OR ANS251 Agricultural Biochemistry.

Exclusions: Students who have successfully completed ANS354 Animal Nutrition and Toxicology may not enrol in this unit for credit.

Veterinary Nutrition and Animal Toxicology (VET380)

As for VET346 except:

Credit Points: 3

Not available this year

Veterinary Parasitology (VET344)

Credit Points: 4

MURDOCH: S2-internal

A unit in applied parasitology that introduces the concept of parasitism and the diversity of parasitic organisms. The life cycles and transmission patterns of the major parasites of domestic

animals in Australia are described. The interaction between hosts and parasites, leading to the disease, is covered in detail, as is the treatment of parasitic disease and the development of integrated approaches to parasite control. Special attention is given to the diagnoses of parasitic disease in livestock and companion animals.

Lectures: 4 hours per week; practicals: 3 hours per week.

Prerequisites: Enrolment in Veterinary Biology. Recommended: ANS102 Introduction to the Animal Body.

Veterinary Parasitology (VET378)

As for VET344 except:

Credit Points: 3

Not available this year

Veterinary Pharmacology (VET345)

Credit Points: 4

MURDOCH: S1-internal

This unit introduces the student to the language of pharmacology, followed by the systematic study of the veterinary drugs used for all the body systems across the major domestic species. Also included is the chemotherapeutic treatment of neoplasia, bacteria, fungi, protozoa, viruses and parasites. Principles of rational veterinary therapeutics are emphasised. The unit will be presented using lectures, practical sessions and seminars. Practicals focus on applying pharmacological principles to veterinary clinical case examples.

Lectures: 5 hours per week; practicals/seminars: 3 hours per week.

Prerequisites: VET243 Veterinary Physiology II; VET341 Veterinary Microbiology.

Veterinary Pharmacology (VET379)

As for VET345 except:

Credit Points: 3

Not available this year

Veterinary Physiology I (VET244)

Credit Points: 4

MURDOCH: S1-internal

This unit covers the functioning of the individual organs and tissues of the adult mammal, including nervous, muscular, cardiovascular, respiratory, renal and alimentary systems. The mechanism of actions will be considered in terms of the cellular structure and physical processes necessary to maintain the healthy body, including a detailed study of the histology of each tissue. Control mechanisms will be outlined. Special emphasis will be placed on domestic species.

Lectures: 4 hours per week; practicals: 4 hours per week or equivalent.

Prerequisites: Enrolment in Veterinary Biology. Recommended: BMS107 Principles of Vertebrate Physiology.

Veterinary Physiology I (VET274)

As for VET244 except:

Credit Points: 3

Not available this year

Veterinary Physiology II (VET243)

Credit Points: 4

MURDOCH: S2-internal

This unit investigates the dynamic integration of structures and functions that promote health and survival in animals of veterinary importance. Focus will be on nervous and endocrine control and on reproduction, embryo development and growth. Practical work will involve the study of live animals, and material from the Veterinary Museum. Case study projects involving real clinical examples will be undertaken as a learning tool.

Lectures/practicals/tutorials: 8 hours per week.

Prerequisites: Enrolment in Veterinary Biology; VET240 Veterinary Anatomy I and VET244 Veterinary Physiology I.

Veterinary Physiology II (VET273)*As for VET243 except:*

Credit Points: 3

Not available this year

Veterinary Practice Management (VET672)

Credit Points: 3

Not available this year

This unit is subject to quota. Quota is due to limited resources. Selection is by application only.

Veterinary Professional Life I (VET209)

Credit Points: 1

MURDOCH: S1-internal

Veterinary Professional Life is a whole-of-course professional curriculum, intended to promote the profile and development of student outcomes in skills and attributes important to professional success. Unit contact consists of a compulsory full-day orientation workshop in Week 0, and a weekly seminar series featuring guest speakers. In preparation for the following unit VET348, students must complete one week of extramural experience in a veterinary workplace during non-teaching weeks.

Orientation Workshop: 1 day in Week 0; Lectures: 1 hour per week.

Prerequisites: Enrolment in Veterinary Biology.

A result of Ungraded Pass or Fail is awarded for this unit.

Veterinary Professional Life II (VET348)

Credit Points: 1

MURDOCH: S1-internal

Veterinary Professional Life is a whole-of-course professional curriculum, intended to promote the profile and development of student outcomes in skills and attributes important to professional success. This unit continues the weekly guest seminar series, and includes a compulsory 3-day off-campus camp in a non-teaching week, with a focus on personal and professional development, particularly communication skills. Information will be provided on extramural farm visits required for completion of the following unit VET429.

Lectures: 1 hour per week; Off-campus workshops: 3 days during a non-teaching week.

Prerequisites: Enrolment in Veterinary Biology Year 2; VET209 Veterinary Professional Life I.

A result of Ungraded Pass or Fail is awarded for this unit.

In preparation for this unit, students must already have completed one week of extramural experience in a veterinary workplace, as advised in VET209.

Veterinary Professional Life II (VET383)*As for VET348 except:*

Credit Points: 3

Not available this year

Veterinary Professional Life III (VET429)

Credit Points: 1

MURDOCH: S1-internal

In this unit students will develop an understanding of issues faced by farmers and develop animal handling skills by spending six weeks on farms during non teaching periods of second and third years of the veterinary science programme. This unit will help students develop skills to interact with the farming community and to competently handle and examine livestock. This unit also includes a scientific communication component where students will develop skills in communication of scientific concepts to the broader community.

Extramural farm experience: 6 weeks on-farm contact time during non-teaching periods in second year and semester one of third year. Scientific communication: 5 lectures and 5 workshops in semester one of third year.

Prerequisites: Enrolment in Veterinary Biology; VET348 Veterinary Professional Life II.

Veterinary Professional Life III (VET484)*As for VET429 except:*

Credit Points: 3

Not available this year

Veterinary Professional Life IV (VET458)

Credit Points: 1

MURDOCH: S1-internal

This unit aims to provide the knowledge, attitude and skills in professional development for successful transition into veterinary practice. Topics include professional and workplace issues, communication, interactions with clients and co-workers, practice policies, legal and financial issues, preparing a curriculum vitae and job application. The unit is linked to practice visits; students will explore their own personal style as they engage with the material and reflect on their experiences in practice visits.

Prerequisites: Enrolment in Applied Veterinary Medicine; VET429 Veterinary Professional Life III.

A result of Ungraded Pass or Fail is awarded for this unit.

Veterinary Professional Life V (VET538)

Credit Points: 6

MURDOCH: Y2-internal

This unit continues the professional development themes of previous VPL units, with a focus on development of key professional/life skills within an applied clinical context. Students will complete a number of assignments available through LMS. All students must undertake extra mural clinical experience in accordance with guidelines stated in the EME handbook.

Approximately 30 to 40 hours per week (during the extramural clinical experience weeks); occasional weekend and overnight

participation will be required.

Prerequisites: Successful completion of the BSc in Veterinary Biology and VET558 Veterinary Professional Life IV and all fourth year units; enrolment in Bachelor of Veterinary Medicine and Surgery.

Video Game Studies (GAD232)

As for MCC232 except:

Credit Points: 3

Not available this year

Video Game Studies (MCC232)

Credit Points: 4

MURDOCH: S2-internal

The interactive digital game has become a worldwide phenomenon, and is now recognised as an important economic, aesthetic and cultural form. In this unit students examine a range of game types, from the closed microworlds of console games to the modifiable and networked PC game. The unit explores existing game genres and interface design, new conceptual and technical innovations in game development, the emerging field of ludology or game studies, and issues relating to interactivity and gameplay in simulated environments.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MCC232 Games and Future Technologies may not enrol in this unit for credit.

Virtual Environments for Games and Simulations (ICT312)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit covers the modelling of physical situations. Three-dimensional virtual environments are explored in detail along with the actions and interactions of characters and objects within a virtual world. Simulation concepts and the physics behind collision response are introduced. Computer Graphics technologies enabling visual virtual worlds are also discussed.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: ICT207 Games Design and Programming. Students are encouraged to complete ICT311 Advanced Games Design and Programming prior to taking this unit.

Virtual Environments for Games and Simulations (ICT398)

As for ICT312 except:

Credit Points: 3

Not available this year

Visa Compliance, Cancellation and Review (LLB504)

Credit Points: 3

MURDOCH: AU1-internal

This unit examines the regulatory framework, requirements and procedures relating to cancellation, refusals, compliance, other sanctions, appeals and reviews within the Australian Visa System. Students will develop an understanding of the appropriate client

options, how to formulate advice, determine strategies and provide effective advice to clients in dealing with these scenarios. The unit will cover merits and judicial review of decisions, ministerial discretion, the formulation of submissions and preparation of review documentation to government.

Taught intensively over two weeks; refer to timetable or information on the School of Law website for details. Due to the nature of the offering of this unit, students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Co-ordinator closer to the commencement date of the teaching period.

Prerequisites: Enrolment in the Graduate Certificate in Australian Migration Law and Practice; LLB502 Australian Migration Law and LLB503 Australian Visa System.

Visual Communication (IDD118)

Credit Points: 3

MURDOCH: S2-internal

This unit explores visual communication as it relates to the processes, techniques, and creative possibilities of digital design production. Throughout the unit students develop a thorough and culturally informed understanding of design and new media theory. Students will also develop practical design skills through the rigorous development of numerous digital design projects. The required level of software proficiency is attained by both in class and external exercises.

Online lecture; media laboratories: 2 hours per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed MUL118 Principles of Multimedia or MCC118 Visual Communication may not enrol in this unit for credit.

Visual Literacy (PHO204)

Credit Points: 3

Not available this year

Understanding the image and developing visual literacy particularly as it applies to photography. Visual literacy is the ability to evaluate, apply, or create conceptual visual representations. Skills include the evaluation of advantages and disadvantages of visual representations, to improve communication, to decode and critically analyse photographic work, to create and communicate knowledge, or to devise new ways of representing insights.

Lectures: 1 hour; workshops: 1.5 hours.

Prerequisites: Nil.

Water and Earth Science (ENV243)

As for ENV281 except:

Credit Points: 3

Not available this year

Water and Earth Science (ENV281)

Credit Points: 4

MURDOCH: S1-internal, S1-external

The materials and processes in landscapes including rocks, regolith and soils; and the storage and movement of water within them. Geomorphology and groundwater hydrology are studied with emphasis on the interactions between water, soils and plants. Principles and processes of saturated and unsaturated water flow are covered with particular reference to environmental degradation (salinity, groundwater pollution etc.). Laboratory experiments and

field experiments give students hands-on exposure to these issues complemented by problem-based, numerical exercises.

Lectures: 3 hours per week; practical work: equivalent to 3 hours per week. Students are required to participate in a one-day field trip as part of the practical work.

External students should note that this unit has a compulsory week-long on-campus component.

Due to the nature of offering this unit students are recommended to seek confirmation of the exact attendance dates and requirements from the Unit Coordinator closer to the commencement date of the teaching period.

Prerequisites: A thorough knowledge of Year 12 secondary-level chemistry is assumed.

Water Conservation and Auditing (ENG204)

As for ENG206 except:

Credit Points: 3

Not available this year

Water Conservation and Auditing (ENG206)

Credit Points: 4

MURDOCH: S1-internal, S1-external

An introduction to the principles of water conservation, and water auditing as an important tool in implementing water conservation and as part of a general environmental management system. A primary purpose of a water audit is to improve water use efficiency by identifying opportunities for reduction in water use and recycling. Topics include: flow measurement and instrumentation, water quality requirements for various types of water use, regulations governing environmental use of water and management strategies. Case studies are discussed.

Lectures: 2 hours per week; workshops: 3 hours per week.

Prerequisites: Nil.

Web Client Project (IDD338)

Credit Points: 3

Not available this year

This unit provides students with experience in working with real world clients towards the production of a website. Students participate in group based production, project management methods and advanced web design and development.

Lectures: 1 hour per week; laboratories: 2 hours per week.

Prerequisites: MCC218 Web Games Design and Production (or MCC218 Interactive Multimedia II); MCC263 Web Design OR MCC251 Interactive Multimedia (or MUL217 Interactive Multimedia I).

Exclusions: Students who have successfully completed MUL338 Advanced Multimedia Workshop or MCC338 Multimedia Client project may not enrol in this unit for credit.

Web Communication Project (WEB301)

Credit Points: 3

Not available this year

This is a project based unit allowing students to apply their theoretical learning to an authentic web communication project in order to develop high-level web strategy skills. Students may participate in a client or educator-led project under the supervision of an academic member of staff. Students may work individually or as a member of a team. The precise nature of the project and the assessment requirements are negotiated with the Unit Coordinator.

1 hour online lectures, 3 hour labs

Prerequisites: Successful completion of MCC278 Web Strategy

Web Computing (ICT211)

Credit Points: 4

MURDOCH: S2-internal, S2-external

DUBAI-ISC: TSD-internal

This unit provides an intermediate technical understanding and practical experience in Internet and Web technologies. Topics include: design and implementation of web applications using languages and tools such as XHTML, CSS, JavaScript, PHP, and MySQL; administration of web servers on a Unix system, an introduction to Internet security and Ajax technology.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: ICT108 Introduction to Multimedia and the Internet or ICT102 Introduction to Computer Science.

Web Computing (ICT286)

As for ICT211 except:

Credit Points: 3

Not available this year

Web Design (MCC263)

Credit Points: 4

MURDOCH: S1-internal

This unit provides students with a solid basis in the theory and practice of website design. It examines the application of visual communication and graphic design in web design. This unit also looks at web development, interaction design, user experience, content strategies and project management for the web.

Online lecture; media laboratories: 2 hours per week.

Prerequisites: MCC118 Visual Communication (or MUL118 Principles of Multimedia).

Web Design (WEB263)

As for MCC263 except:

Credit Points: 3

Not available this year

Web Games Design and Production (MCC218)

Credit Points: 4

MURDOCH: S2-internal

This unit focuses on developing interactive authoring skills using Javascript and HTML5. Students are challenged to think creatively about the possibilities of games, mobile apps and interactive new media. Project work involves understanding and applying programming concepts, visual and conceptual analysis of game genres, 2D games design, animation, and interaction design.

Online lecture; media laboratories: 3 hours per week (1 hour unsupervised).

Prerequisites: MCC154 Introduction to Games Art and Design or MCC263 Web Design

Exclusions: Students who have successfully completed MUL257 Special Topics: Flash Multimedia Authoring may not enrol in this unit.

Web Metrics (WEB302)

Credit Points: 3

Not available this year

This unit explores the strategic and business application of web metrics. Students will be guided through the practical and theoretical aspects of planning, gathering, measuring, analyzing and strategically using web site data for a range of applications.

Online lectures: 1 hour; laboratories: 3 hours.

Prerequisites: Nil.

Web News Production (JOU317)*As for MCC217 except:*

Credit Points: 3

Not available this year

Web News Production (MCC217)

Credit Points: 4

MURDOCH: S2-internal
DUBAI-ISC: TJD-internal, TSD-internal
SGP1: TJB-internal, TSB-internal

This unit will prepare students for work in a fully converged news room. Students will collect, edit and script news stories in all three on-line formats; print, audio and video.

Lectures: 1 hour a week; tutorials 1.5 hours a week.

Prerequisites: MCC104 Introduction to Journalism AND MCC105 Introduction to Radio. Highly recommended: MCC245 Media Law and Ethics.

Web Strategy (MCC278)

Credit Points: 4

MURDOCH: S1-internal

This unit explores the theory and practice of online web communication strategy development and implementation. It provides some important principles for understanding the impact of new media on communications disciplines including public relations and marketing. In addition to learning about the use of technology to enhance offline communications strategies, students will learn how to develop campaign plans utilising web communication platforms such as web sites, multimedia and social media for a variety of organisations.

Lectures: 1 hour per week; Tutorials: 2 hours per week.

Prerequisites: Nil.

Web Strategy (MCM502)

Credit Points: 3

MURDOCH: S1-internal

This unit explores the function and form of communications strategy in the web environment by analysing the impact of the Internet - in particular web sites, social media and mobile communication technology - on the way that organisations interact with stakeholders and audiences in the online public sphere. Students will engage with public relations, marketing communication and Internet theory in order to research, develop and implement strategy in real time with real life clients.

Seminars: 2 hours per week (or 4 hours per fortnight).

Prerequisites: Nil.

Web Strategy (WEB278)*As for MCC278 except:*

Credit Points: 3

Not available this year

Well Being - University Breadth Unit (BRD251)*As for BRD250 except:*

Credit Points: 3

Not available this year

What is Science? (BSC150)

Credit Points: 3

MURDOCH: S1-internal, S1-external, S2-internal, S2-external

The challenges of the future require creative thinking and an interdisciplinary approach to solve complex social, health, technological and environmental problems. This unit will introduce you to the history and philosophy of Science and the interconnected nature of the scientific disciplines. It explores how scientific ways of thinking and knowing have emerged and how science informs and is framed by non-scientific ways of thinking and broader social agendas. Be prepared to challenge what is known/unknown in your discipline.

Lectures: 1 hour per week; laboratories: 2 hours per week.

Prerequisites: Enrolment in a Bachelor of Science.

Wildlife Biology (BIO317)

Credit Points: 4

MURDOCH: S2-internal

An introduction to the theory and practice of studying vertebrate animal populations for the purpose of conservation and management. Emphasis is on terrestrial wildlife. Topics: ecology of Australian animals; wildlife and habitat; research design; methods for detecting and studying animal populations; estimating abundance; use of population and ecological data. Case studies explore the principles of wildlife research and management. A field exercise in the second non-teaching break provides experience in the study of animal ecology by field work.

Lectures: 2 hours per week; workshops/laboratories: 4 hours per week; field exercise 5-6 days in second non-teaching break.

Prerequisites: BIO368 Conservation Biology.

Wildlife Biology (BIO376)*As for BIO317 except:*

Credit Points: 3

Not available this year

Wildlife Comparative Pathology Project (VET664)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This elective unit aims to provide students with an understanding of fundamental issues associated with disease investigation and comparative pathology of wildlife. The unit focuses on the pathobiology of common diseases of mammals, birds, reptiles and amphibians.

Tutorials and on-line discussion for internal students, on-line discussion for external students.

Prerequisites: Enrolment in Master of Veterinary Studies in

Conservation Medicine. Students wishing to enrol in this unit must receive approval from the Academic Chair by May 31st.

Wildlife Medicine (VET631)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit provides basic skills necessary to deal with sick and injured wild fauna, including wildlife cases which could be presented for examination and treatment to veterinarians in private practice. It covers appropriate methods of physical and chemical restraint; diagnosis and treatment of common diseases and injuries; zoonoses; and nutrition and husbandry associated with management of wild fauna in captivity. Students can select elective modules from a range of topics relevant for veterinarians working with wildlife and zoo animals.

Workshops and/or online discussion as required.

Prerequisites: Enrolment in Master of Veterinary Studies in Conservation Medicine, Postgraduate Certificate in Veterinary Conservation Medicine or permission of the Academic Chair.

Enrolment in this unit in the internal mode is subject to approval by the Academic Chair.

Willem C Vis International Commercial Arbitration Moot (LAW315)

Credit Points: 4

MURDOCH: H-internal (quota of 5 places)

The prestigious Willem C Vis International Commercial Arbitration Moot, which runs from October to Easter the following year, trains students in principles of international commercial law and techniques of international commercial arbitration. Students study the United Nations Convention on Contracts for the International Sale of Goods, 1980 (CISG) and various arbitration rules, interpreting these texts in light of different legal systems and developing expertise in advocating a position before an international arbitral panel composed of arbitrators and business people.

Meetings as required.

Prerequisites: LEG120 (prior to 2012)/LAW120 Research and Writing, LEG150 (prior to 2011)/LAW150 Australian Legal System, LAW152 Torts, LAW130 Criminal Law and Procedure, LAW260 Contract and by invitation of the Unit Coordinator.

This unit is subject to quota. Quota is due to limited resources. Selection is based on: Academic record and standing; Demonstrated speaking, debating and mooted ability; Demonstrated administrative experience; Demonstrated knowledge of foreign languages and legal systems.

Willem C Vis International Commercial Arbitration Moot (LLB315)

As for LAW315 except:

Credit Points: 3

Not available this year

This unit is not subject to quota.

Wind Energy Engineering (ENG339)

Credit Points: 3

Not available this year

Wireless and Interactive Networks (ICT369)

Credit Points: 3

Not available this year

Wireless Data Communications (ICT503)

Credit Points: 3

MURDOCH: S1-internal

This unit will explore wireless data communications technologies with a specific focus on WiFi networking. Students will learn how to operate and configure open source wireless equipment. The hands-on labs, which include a field day, will be used to reinforce wireless theory. In addition to the practical elements; policy, governance and regulatory issues will also be discussed.

Workshops: 3 hours per week.

Prerequisites: Enrolment in a graduate IT course or permission of the Academic Chair.

Exclusions: Students who have completed ICT564 Wireless Networks may not enrol in this unit for credit.

Wireless Networks (ICT264)

Credit Points: 4

MURDOCH: S2-internal

This unit will explore wireless data communications technologies with a specific focus on WiFi networking. Students will learn how to operate and configure open source wireless equipment and the hands-on labs will be used to reinforce fundamental wireless theory. The topics covered will include, security, Quality of Service (QoS), point-to-point networking, multi-hop and mesh networking and IEEE standardisation activities.

Lectures: 2 hours per week; tutorials: 2 hours per week (1 hour unsupervised).

Prerequisites: ICT103 Introduction to Data Communications.

Wisdom from the Ancient Near East (REL312)

Credit Points: 3

Not available this year

Wisdom traditions in the ancient Near East address such issues as innocent suffering, living life in the face of death, and making wise choices in daily life. The wisdom perspective, though not irreligious, is often sceptical of orthodox religious perspectives and draws on the lessons of practical, lived experience as opposed to revelation from a deity. This unit will examine wisdom literature from ancient cultures including, Egypt, Sumer, Babylonia, and Israel.

Lecture 1 hour per week: Tutorial 1 hour per week.

Witchcraft: Historical Images of Women (HIS252)

As for HIS286 except:

Credit Points: 3

Not available this year

Witchcraft: Historical Images of Women (HIS286)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit examines perceptions of women in Western societies from the Middle Ages through to the eighteenth century. It explores witchcraft episodes from Britain and Europe from a macroperspective, and from Salem, Massachusetts, from various microperspectives. The aim of the unit is to examine different ways

of interpreting primary source material. These documents provide fascinating insights into the ways in which women and men have been perceived both by contemporaries and historians.

Lectures: 1 hour per week; tutorials: 2 hours per week.

Prerequisites: Nil.

Women in Asian Societies (AST258)

Credit Points: 4

MURDOCH: S2-internal, S2-external

This unit examines the role and status of women in Asian societies. It considers representations of the feminine in traditional culture as well as contemporary society. Special emphasis will be placed on the implications for women of current social and economic changes in the region including government policies affecting reproduction and the family, women's involvement in subsistence agriculture, industry and the development process. Autobiography and film will be used to supplement anthropological and sociological studies.

Lectures: 2 hours per week; films: 1 hour per week; tutorials: 1.5 hour tutorial per week.

Prerequisites: Nil.

Women in Asian Societies (AST288)

As for AST258 except:

Credit Points: 3

Not available this year

Work and Well-being (PSY512)

Credit Points: 3

MURDOCH: S2-external

Aim: to acquaint students with issues related to well-being of workers. Topics: theories and management of work related stress, mental health (and ill health) at work, and impact of retirement, retrenchment and unemployment. The unit also covers issues of safety and accident causation, safety measures, improving safety performance, and human factors underlying work performance. Focus will be on maintaining the physical and psychological well-being of the individual employee in a climate which is compatible with the organisational objectives.

Online discussions with minimum contribution requirements.

Prerequisites: Enrolment in Pg/or GCertOHRs or Pg/or GDipConsultPsych or MAppPsych or DPsych or MAppPsych/PhD, or for other Masters courses students need to obtain the permission of the Unit Coordinator.

Exclusions: Students who have successfully completed MBS570 Health and Wellbeing in the Workplace may not enrol in this unit for credit.

Work Health and Safety Law (MBL623)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit explores the statutory requirements of work health and safety in Australia, focussing on the role law has in preventing work related injury and disease. It will examine the responsibilities of duty holders and discuss policy issues. Workers compensation and rehabilitation are also studied.

Seminars: 3 hours per week

Prerequisites: Enrolment in a postgraduate-level course.

Exclusions: Students who have completed MBS623 Work and

Health Safety Law may not enrol in this unit for credit.

Work-Based Learning (BUS267)

Credit Points: 4

MURDOCH: S1-internal (quota of 50 places)

Utilise current employment (full-time, part-time or casual) and integrate formal learning outcomes with learning at work. Reflect on the synthesis between workplace experiences and learnings and integrate those with formal in-class learning. Opportunity to consolidate theoretical knowledge and develop professional competence in the workplace. Learning experience takes place inside and outside the classroom participating in real world business experiences and incorporating this into formal studies. Can be undertaken as a general elective in undergraduate courses University-wide.

Lecture/seminars 3 hours per week.

Prerequisites: Nil.

Since having an existing job is a required component, students are required to ensure they withdraw from the unit in a timely manner should their working circumstances change.

This unit is subject to quota. Quota is due to limited resources. Students must already be in the workplace either full-time, part-time or casual.

Working in Aid and Development (SUS306)

Credit Points: 4

MURDOCH: W-internal

This unit explores practitioners' approaches to international aid and development programming. It analyses policy frameworks, project design and implementation with particular emphasis on the practical role of consultants in the work of international development agencies. Topics include engaging local participation, working with NGOs, aid for trade, gender mainstreaming, environmental sustainability, and project governance. This 'hands on' unit is taught by expert practitioners involved in economic development and governance projects in Africa, Asia and the Pacific.

Seminars and workshops are delivered in intensive teaching mode, which may include evenings and weekends. Contact the School for further details.

Prerequisites: STP204 Overseas Aid and Development.

Exclusions: SSH301/SSH601 Special Topics in Development Studies.

Working in Aid and Development (SUS313)

As for SUS306 except:

Credit Points: 3

Not available this year

Working in Development (SWM512)

Credit Points: 3

MURDOCH: W-internal

Aid and development professionals are employed across a range of institutional settings. This unit examines the work of international consultants in particular and is taught by expert practitioners with a wealth of experience in consultancies, project management and policy advice in Africa, Asia and the Pacific. Students work in teams through the tasks of project design and implementation, taking into account cross-cutting issues of gender, sustainability and governance, and develop networking opportunities into the aid and development industry.

Seminars and workshops are delivered in intensive teaching mode (24 hours contact time), which may include evenings and weekends. Students will then complete research assignments independently, in consultation with teaching staff.

Prerequisites: Enrolment in a postgraduate award.

Exclusions: Students who have successfully completed SSH606 Working in Aid and Development may not enrol in this unit for credit.

Working with Indigenous Communities: Internship (AIS208)

As for AIS222 except:

Credit Points: 3

Not available this year

This unit is not subject to quota.

Working with Indigenous Communities: Internship (AIS222)

Credit Points: 4

MURDOCH: S1-internal (quota of 10 places), S2-internal (quota of 10 places)

This is a professional internship program which offers students the opportunity to spend a number of weeks working with an Indigenous community organisation. The coursework component of the unit will comprise an exploration of an appropriate range of frameworks for cross-cultural interaction in work settings.

Lectures: 1 hour/week x 8 weeks; workshops: 2 hours/week x 8 weeks

Prerequisites: Permission of the Academic Chair. Students must have completed at least one of AIS180 or AIS182, plus one Part II AIS unit. Preference will be given to students enrolled in an AIS major or minor, the Primary Education/AIS joint degree or with permission of the Academic Chair.

This unit is subject to quota. Quota is due to limited availability of suitable placements. Preference will be given to students enrolled in the Australian Indigenous Studies (AIS) major, or the Minor in AIS, or Indigenous Sustainability.

Workplace Law (BSL202)

As for BSL228 except:

Credit Points: 3

Not available this year

Exclusions: Students who have successfully completed L363/LAW363 Employment Relations Law or BUS228 Workplace Law may not enrol in this unit for credit.

Workplace Law (BSL228)

Credit Points: 4

MURDOCH: S2-internal, S2-external
KDUPJ: S2U-internal

This unit examines the legal relationship between an employer and employee. It begins with a study of the individual contract of employment focusing on the common law rights and duties of employers and employees, and then proceeds to take an overview of relevant Australian legislation. A particular interest is taken in the minimum standards, regulation of collective bargaining, industrial action, dismissal and work health and safety.

Lectures: 2 hours per week; tutorials: 1 hour per week.

Prerequisites: BUS165 Principles of Commercial Law.

Exclusions: Students who have successfully completed BUS228 Employment Law or L363/LAW363 Employment Relations Law may not enrol in this unit for credit.

Workplace Law (BUS228)

Credit Points: 4

DUBAI-ISC: TMD-internal
KAPLAN-SGP: TMA-internal
SGP1: TMB-internal

Workplace Practicum (EXS329)

Credit Points: 4

Not available this year

Develop 'hands on' training within this unit. This unit will enable students' to work alongside other health professionals, observing principles and practices of everyday work experiences. It will enable the student to see the transfer of knowledge from the classroom into the workplace, in a variety of contexts, depending on their practicum placement. It includes both on-campus learning (lecture/workshops) and off-campus worksite placement.

First 2 weeks of semester:

Seminar/workshop: 4 hours per week.

In addition, there is a minimum of 120 hours of practicum experience built into this unit that will need to be completed prior to the end of the enrolled semester.

Prerequisites: CHIZ09/EXS209 Biomechanics and Diagnostic Palpation Skills or Biomechanics.

Exclusions: Student who have successfully completed CHI329 Workplace Practicum may not enrol in this unit for credit.

World Religions (REL101)

Credit Points: 3

MURDOCH: S2-internal, S2-external

In this unit, the differences between spirituality and religion will be examined. The history, development and expression of several world religions will be explored through an analysis of different themes. These themes include concepts of the sacred, symbols, rituals, scriptures, worldviews and ethics.

Lectures: 1 hour per week; tutorials: 1 hour per week.

Prerequisites: Nil.

Exclusions: Students who have successfully completed THE282 World Religions may not enrol in this unit for credit.

World Religions (THE282)

Credit Points: 4

Not available this year

This unit introduces the history, development and expression of five major world religions (Hinduism, Buddhism, Judaism, Christianity and Islam).

Lectures/workshops/tutorials: 3 hours per week.

Prerequisites: Nil. Highly recommended: THE107 Thinking Theology.

World Religions in Historical Encounter (REL306)

Credit Points: 3

Not available this year

This unit looks at periods of history when some of the world religions have encountered one another, with both constructive and destructive outcomes. The course will focus particularly on the three great monotheisms - Judaism, Christianity, and Islam- and with some attention to Hinduism. Encounters include that between Judaism and Christianity in the classical period; the Crusades; the intellectual and theological encounter between Islam, Judaism, and Christianity in the Twelfth Century; and the contest between Christianity, Islam, and Hinduism in India.

1 hour Lecture per week; 1 hour Tutorial per week.

World Writing Today (EGL223)

Credit Points: 4

Not available this year

Explore representative contemporary poetry, drama and fiction in World Writing Today. The unit concentrates on, but is not limited to, works by internationally recognised writers. The unit aims to introduce students to recent writing from around the world that poses challenging questions about nationalism, multiculturalism and the emerging field of 'critical white studies', and to provide a theoretical framework through which to engage with common themes and changing ideas.

Lectures: 1 hour per week; tutorials: 1.5 hours per week.

Prerequisites: Nil.

Worship and Liturgy (THE288)

Credit Points: 4

MURDOCH: S1-external

This unit includes a study of the phenomenon of worship and the theology and practice of Christian worship through the history of the Church up to the present day.

Prerequisites: Nil. Highly recommended: THE107 Thinking Theology.

Worship and Liturgy (THE615)

Credit Points: 3

MURDOCH: S1-internal, S1-external

This unit studies the theology and practice of Christian worship. It introduces the study of ritual and the use of ritual in religious settings.

Seminars: 2 hours per week

Prerequisites: Enrolment in graduate level study.

Writing Academic English (TLC121)

Credit Points: 3

MURDOCH: S1-internal, S2-internal

This unit will help you to develop the reading and writing skills that will enable you to effectively tackle university assignments. It is designed for students for whom English is an additional language, from all schools, and explores the process and basic elements of academic writing. In this unit, you will not only improve your accuracy in writing and build your academic vocabulary, but also develop your ability to think critically and to communicate complex ideas in English.

Lectures: 1 hour; tutorials: 3 hours.

Prerequisites: Nil.

This unit is recommended for students whose first language is not English.

Writing and Creativity (EGL122)

Credit Points: 3

MURDOCH: S2-internal, S2-external

This unit will teach students how to critically and imaginatively analyse and write texts. They will be exposed to some key concepts and techniques in relation to creativity and writing and introduced to ideas about content and form. Students will be given the opportunity to explore concepts in a practical way through the development of their own writing projects.

Lectures: up to 1 hour per week; workshops: up to 2 hours per week.

Prerequisites: Nil.

Writing for the Screen (MCC353)

Credit Points: 4

MURDOCH: S2-internal

In this unit students learn about the formal elements of writing for the screen and develop a script for a short film in the genre of their choice. The unit will cover current industry standards and practice, with particular focus on writing according to funding criteria. It is recommended for students who wish to proceed to MCC226 Screen Production II and MCC302 Advanced Screen Production as scripts may be developed for production in these units.

Lectures: 1 hour per week; workshops: 2 hours per week.

Note: Lectures and workshops/tutorials commence in Week 1 of the semester.

Prerequisites: MCC128 Screen Production I (TV Studio) (or MED107 Screen and Sound Production I (TV Studio) or MED107 Screen Production I (TV Studio) OR permission of the Unit Coordinator (subject to proven ability to write with words and images).

Exclusions: Students who have successfully completed MED312 Writing for the Screen may not enrol in this unit for credit.

Writing for the Screen (SCR200)**As for MCC353 except:**

Credit Points: 3

Not available this year

Glossary

For definitions of words and phrases used in this Handbook, consult the University's Dictionary of Terms:

<http://goto.murdoch.edu.au/DictionaryOfTerms>

More detailed information on many of these topics can be found in the Study at Murdoch section of the Handbook.