When you’re thinking for yourself, there’s no limit to what you might achieve.

Acknowledgement of Country

Murdoch University acknowledges the Whadjuk people of the Noongar nation as the traditional custodians of this country and its waters and that Murdoch University stands on Noongar Country.

Murdoch University pays its respects to Noongar elders past and present and acknowledges their wisdom and advice in teaching and cultural knowledge activities.
Welcome to Murdoch

I am delighted that you are considering studying at Murdoch University for the next stage of your educational journey.

Murdoch University is renowned for its “free thinking” ethos. We actively encourage creativity and critical thinking in all our students because we know these are skills for life that are highly valued by employers and make a positive difference to our community.

We also recognise that the world is a complex and ever-changing place. Because of this, we stand by all our students and provide support and guidance, no matter what challenges come their way.

Our students join a strong, caring and diverse community which places excellence in teaching, learning and research at the heart of all we do.

The most recent Good Universities Guide found we continue to deliver outstanding results, with five-star ratings in the areas of overall student experience, student support, teaching quality and student-to-staff ratios.

I am truly delighted to present our 2022 prospectus to you and invite you to explore the many excellent study options open to you at Murdoch.

We are proud of our constantly-expanding global community of pioneering minds and we would love you to join us.

EEVA LEINONEN
VICE CHANCELLOR
MURDOCH UNIVERSITY
Welcome to our vibrant community.

The Murdoch difference

Ask anyone who’s studied here: there’s something special about Murdoch.

Murdoch is a place where you can be yourself and be appreciated for who you truly are. It’s the kind of place where the lecturers know you by name, and down-to-earth students wave to you across the lawns of Bush Court. We are honoured to welcome staff and students who come from all walks of life.

Whether you want to change the whole world, some of the world, or just your world, our extensive range of courses and hands-on learning facilities will equip you with the skills you need. But the most important thing you’ll learn here? To think freely and to think for yourself.

We don’t follow the crowd, and neither do our students. Thousands of free-thinking students have graduated from Murdoch and made their mark on the world. When you’re thinking for yourself, there’s no limit to what you might achieve.

Free thinking has always been at the heart of Murdoch and continues to steer us towards activities that truly matter. We’re different, and we’re proud of it.

5 star rating
for overall undergraduate experience, student support and for teaching quality
GOOD UNIVERSITIES GUIDE 2021

#1 in social equity
in Western Australia
GOOD UNIVERSITIES GUIDE 2021
Explore our campuses

Murdoch University spans seven campuses across four countries, offering students a diverse range of learning environments and opportunities.

PERTH
Our Perth campus features beautiful native bushland, specialised educational and recreational facilities and a range of essential support services. The campus is home to a fully-operational engineering plant, media facilities, moot court, chiropractic clinic, veterinary hospital and farm.

MANDURAH
Set in the heart of a coastal town, our Mandurah campus offers clinical, academic and research expertise and state-of-the-art facilities. The campus is used as specialist nursing premises which complements our facilities at our South Street campus in Perth.

ROCKINGHAM
Rockingham is a major urban centre on the south coast of the Perth metro area. Our Rockingham campus offers a strong learning community with a focus on research and university pathway programs.

CBD
Centrally located on St Georges Terrace in Perth’s CBD, our city presence offers executive education and professional development opportunities. The space includes a range of co-working spaces that are available to book for staff, alumni and industry to connect and collaborate.

DUBAI
Murdoch University Dubai is located in the heart of Dubai International Academic City, in the business hub of the Middle East. We offer Foundation and Diploma programs, as well as courses in business, communication, IT, psychology, criminology, healthcare management and education in partnership with Navitas.

SINGAPORE
Singapore is a global hub for education and innovation, ranking highly in numerous international rankings. At our Singapore campus we offer courses in business, communication, tourism, psychology, IT, criminology, and global politics and policy, in partnership with Kaplan Higher Education.

MYANMAR
In 2016 Murdoch became the first Australian university to offer courses in Yangon, Myanmar’s largest city and most important commercial centre. We deliver postgraduate business courses to students in the region, in partnership with Kaplan Higher Education.
Real-world learning

Benefit from our wide range of facilities designed to support you, academically and personally.

**CHIROPRACTIC CLINIC**

As a Chiropractic student, you’ll learn to treat patients in our on-campus chiropractic clinic, which houses a rehabilitation centre, physiological therapeutics facility, consulting rooms and a digital radiographic suite.

**ENGINEERING PILOT PLANT**

Our nationally renowned Bayer Pilot Plant is where our Electrical Engineering students learn real-world skills. This engineer’s playground is one of only a few in Australia and the only one of its kind in Western Australia.

**IT INNOVATION HUB**

Fitted out with the latest mixed and augmented reality equipment, operational data centre and high-performance computing capabilities, our IT Innovation Hub is a cutting-edge teaching, learning and research facility, specially designed for IT students.

**LAUNCHPAD**

Launchpad is a place for students and industry to come together to solve challenges, create opportunities, take advantage of cutting-edge facilities such as 3D printers and collaboration spaces, and get professional consulting advice.

**SPORTS SCIENCE FACILITY**

Our sports science facility houses a dedicated exercise physiology laboratory, complete with a climate and altitude chamber, plus a performance laboratory with motion capture system and running track. It also includes a rehabilitation, strength and conditioning laboratory, complete with fully equipped gym with Olympic lifting facilities. It is also home to a Mind and Body Lab with a fitness testing area and a DEXA machine.

**SIMLAB™**

Murdoch is proud to be the first university in Australia to offer SimLab™ technology, an immersive platform that gives students the opportunity to experience, practise and improve their teaching techniques in a safe learning environment.

**LAW MOOT COURT**

In our Herbert Smith Freehills Moot Court, you will have the opportunity to try hypothetical cases in a courtroom environment, develop advocacy and mootin skills, and compete against other law schools from around the world.

**MEDIA ARTS CENTRE**

As a Creative Arts or Communications student, you’ll get to experience our soundstage, television and radio studios, digital post-production facilities, sound-recording studios, digital and creation workplaces, and professional video and editing suites.

**MURDOCH PSYCHOLOGY CLINIC**

If your goal is to become a registered psychologist, you’ll need to study an undergraduate degree in psychology and then continue your studies at postgraduate level. At postgraduate level, you may have the opportunity to work with real clients at our on-campus psychology clinic.

**NEXUS THEATRE**

Equipped with world-class facilities, Nexus Theatre has been providing students, staff and the Murdoch community, for the past 27 years, with a modern teaching and performance space to enjoy.

**NURSING SIMULATION SUITES**

From your first week as a Murdoch Nursing student you will have the opportunity to experience our state-of-the-art Nursing Simulation Suites at both our Mandurah and Perth campuses. These clinical suites house fully equipped clinical teaching wards, treatment areas and simulation suites. You’ll practise your skills in lifelike, high-tech mannequins with heart, lung and digestive sounds, and other realistic features.

**THE ANIMAL HOSPITAL AND WORKING FARMS**

Our Perth campus is home to a working farm, a veterinary clinic, a fully equipped Veterinary Hospital complete with cancer and dermatology clinics, a Pet Emergency Centre and our Equine Centre with equine operating theatres.
Murdoch is about more than just learning – it’s also about getting involved, having fun and making lifelong friends.

You’ll kick off your Murdoch journey at orientation week. O-Week is a great opportunity to finalise your enrolment and sign up to classes, meet your lecturers, organise your student ID card, go on-campus tours and visit the Murdoch Bookshop for your last-minute stationary needs. You’ll discover Bush Court (the heart of our campus), experience our $20m Student Hub and venture through the Geoffrey Bolton Library.

STUDENT HUB
The Student Hub at our Perth campus is a flexible space where you can indulge in yummy food, socialise and co-work.

JOIN THE CLUB
There are over 130 clubs and societies on-campus for you to join.

ESPORTS GAMING HUB
Visit our new Esports Gaming Hub equipped with 12 state-of-the-art Alienware Gaming computers.

KEEP ACTIVE
Join a social sports team or the on-campus fitness centre with discounted memberships for students.

EXPERIENCE MURDOCH
Get involved in campus events like Festival Day, Stress Less Week, weekly Marketdaze stalls and themed tavern events.

STUDENT GUILD
Run by students, for students, the Murdoch Student Guild runs social events and a heap of extracurricular activities.
Live on-campus

With a range of stylish, fully furnished apartments available for rent, there are options to suit almost any budget.

With student experience a core focus, the Murdoch University Village has an exciting residential life program designed to help you meet new people, achieve academically and develop essential life skills.

There is a range of facilities available, including:
- swimming pool
- pool lounge with a pool table, table tennis and air hockey
- recreation room with barbecues, a projection screen and communal kitchen
- beach volleyball and basketball courts
- theatre room and movie room with satellite TV
- group study rooms
- music room
- outdoor cinema
- three large communal laundries

The Village offers 24-hour staff presence, with resident staff members living onsite and night-time security patrols.

RATES
The weekly rates for 2022 range from $176.20 for a single bedroom in an eight bedroom apartment to $409.20 for a one-bedroom apartment if booked on a per semester basis. By booking your accommodation for the entire university year (42 weeks) the rates will be cheaper.

SHORT-STAY ACCOMMODATION
If you are a student wanting to trial living out of home, you can stay at the Village on a short-term basis while you find long-term housing.

You can book a single room in a shared apartment on a nightly basis, with rates starting from $45 per night (3-night minimum stay).

“Originally from Busselton in the South West region of Western Australia, I chose to live in the student village as the total travel time for me would have been 6 hours to and from uni! I saw the benefit of living on-campus. It means that I can walk from the village to my classes.

What I love most about living in the student village is the fact that it feels like a community, rather than just student accommodation. Making friends since starting uni has been easy. The student village hosts and organises a variety of events and activities throughout the year, which has allowed me to interact with other residents and staff members. Some of the activities I partake in at the village are yoga, boot camp, community dinners, faculty night activities, and village carnivals.

For me, living on-campus at the student village has been a life-changing experience. Not only have I made lifelong friendships, but I have also become more independent and self-sufficient.”

NATALIE YAPA STUDIED A BACHELOR OF BUSINESS (MANAGEMENT AND ENTREPRENEURSHIP AND INNOVATION) RESIDENT AT MURDOCH UNIVERSITY STUDENT VILLAGE
Support while you study

The transition to university can be daunting, but we’re here to help.

We offer a range of support services that can help you to learn new skills including how to research and reference, how to manage your time effectively and how to handle stress.

MYMURDOCH ADVICE

Require advice on wellbeing, study or getting the most out of university? Our team of experts at MyMurdoch Advice are here to provide you with valuable guidance and tips to ensure you have a successful start to uni life. Student Success Advisors and Peer Academic Coaches are here to make your life easier by offering personalised support services on your studies, providing helpful resources and English language support, advising on course plans, showcasing academic skills and much more.

STUDENT LEARNING

Managing your time, improving the way you communicate and learning new study skills are all part of life as a university student. Our student learning support services will help you develop the academic and study skills you need to succeed at university and beyond. You can access self-help resources like StudioLabs and Grammarly, visit a Peer Academic Coach at any MyMurdoch Advice location on-campus or online and they will refer you through to our specialised learning support team, located in the library. We also have great programs like Peer Academic Study Support to help you with specific units throughout your study.

ADDITIONAL SUPPORT PROGRAMS

If you’re an elite athlete or a member of the Australian Defence Force, our student support programs are here to provide additional support and to assist you in balancing your studies and additional commitments throughout your time at Murdoch.

CAREERS AND EMPLOYABILITY

The Careers and Employment team are here to assist you in planning and developing your career, from simple, self-directed activities through to one-on-one, personalised career advice.

THE STUDENT CENTRE

The Student Centre team will support you from the moment you arrive on-campus through to the day you graduate. You can chat to the team about fees, parking permits, enrolment and class sign-up, your student ID card or general course information.

KULBARDI ABORIGINAL CENTRE

If you’re an Indigenous or Torres Strait Islander student, the Kulbardi Aboriginal Centre is here to support you. Once you have begun your journey at Murdoch University the support staff at Kulbardi are here to help you with academic, cultural and emotional support until you graduate.

For more information on any of our support services, visit murdoch.edu.au/life-at-murdoch/support-services
When you consider studying at Murdoch, it’s important to understand the financial investment, and structure, before you apply.

Your fees will depend on several factors, including your citizenship, residency status and the units that you choose. At Murdoch, you pay for the individual units you enrol in, rather than an overall course fee. You’ll pay your fees at the beginning of each semester.

To understand the cost of your course, visit handbook.murdoch.edu.au/fees

HELP LOAN
If you meet the citizenship and residency requirements, you may be eligible for a HELP loan. This means that you can choose to either pay for your units upfront each semester or defer your fees to a HELP loan.

To find out more visit murdoch.edu.au/study/fees-scholarships/government-support

CENTRELINK
Centrelink offers a range of support services to eligible students. These include Austudy, ABSTUDY and Youth Allowance. Find out if you’re eligible at humanservices.gov.au

OTHER COSTS AND EXPENSES
There are other fees and costs to consider when planning for the financial aspects of your studies. These include:

• Parking – Our Perth campus has three parking zones and permits range from $200 to $430 per year. Parking at the Rockingham and Mandurah campuses is free for students, although you will still need to display a valid parking permit.

• Books – You can buy new books from our on-campus bookshop or second-hand books through the Student Guild. Our library also has textbooks in closed reserve and has a wide variety of resources available online.

• Student Services and Amenities Fee – The student services and amenities fee (SSAF) is a fee charged by all higher education providers to help with student services and features that aren’t directly linked to your studies. The SSAF is charged twice a year, and the amount you pay depends on whether you’re a full or part-time student, and which campus you study at. For 2021, the fee ranged from $38.50 to $154.

SCHOLARSHIPS
We’re proud to offer over $2.5 million in scholarships each year, which not only reward high academic achievement, but also provide support to Indigenous students, students from regional or remote areas, and students who have faced personal or financial hardship. Based on your chosen course of study, there is also a range of study area specific scholarships on offer.

Westpac Young Technologists Scholarship
The Westpac Young Technologists Scholarship is valued at up to $15,000. This scholarship is open to school leavers who have graduated in the past year and are eager to explore positive change through technology. There is a range of eligible courses in the disciplines of Creative Media, Engineering, Science and Technology.

Ragdoll Scholarship
The Ragdoll Scholarship is valued at up to $12,000. It is available to domestic undergraduate students who enrol full time in their first year of study, in the disciplines of either Business and Law, Engineering, Health, Science, Teaching or Technology and are experiencing personal and/or financial hardship.

George Alexander Foundation Scholarship
The George Alexander Foundation Scholarship is valued at $24,000. The scholarship is available to students who achieved an ATAR of 80 or higher and have relocated from a regional or remote location and can demonstrate examples of personal leadership and/or contributions to the community. The scholarship is to be used for accommodation and living expenses in Perth.

For more information about any of our scholarships, visit goto.murdoch.edu.au/scholarships
We want to change your world, literally. We’ll encourage you to think for yourself and be curious about how the world works.

The world becomes your classroom when you join one of our 10 Study Abroad and Exchange programs across the globe.

Whether you spend a winter abroad in Europe or do a semester exchange in Asia, the opportunities are endless.

Best of all, your overseas study can count towards your degree, so you can see the world while completing your degree. This means that not only do you get to see the world while undertaking your Murdoch degree, but you’ll also:

• Get a different perspective on your course
• Take classes that aren’t available at Murdoch
• Learn a new language or improve on existing skills
• Add value to your resume and increase your employability
• Build an international network
• Become more confident, independent and mature
• Meet people from different cultures and make friends from around the world!

EXCHANGE PROGRAM

If you’re looking to spend anywhere between a semester or a year overseas, our exchange program could be what you’re looking for. You could choose from one of the destinations below:

• Austria
• Canada
• Croatia
• Czech Republic
• Denmark
• Germany
• Hong Kong
• Ireland
• Japan
• Malaysia
• Netherlands
• Spain
• Sweden
• United Kingdom
• USA

INTERNATIONAL STUDY TOURS

Like the short-term program, international study tours run over the summer or winter breaks. You could get valuable work experience while on tour with other students from your area of study.

INDIA LEE STUDIED ABROAD AT SAN DIEGO STATE UNIVERSITY IN CALIFORNIA, UNITED STATES.

SDSU has a very established Art School with great faculty. They all work in the field, and have great business advice as well as very unique, creative assignments that get you excited about the field. There are so many units that you can do, and it was very inspiring.

SHORT-TERM PROGRAMS

If you want to travel overseas while studying but only have a short amount of time, our short-term program might be best for you. With a short-term program, you can study one or two units with one of our overseas partners, usually during the summer or winter break. If you’re looking for more hands-on learning, an international internship could give you real-world experience and boost your future career prospects. You could head to London, New York, Cambodia or Spain, to name just a few destinations.

The programs listed are not guaranteed until international travel for these activities is permitted.
We have a range of pathway options available, taking into account your high school results, previous studies, and work and life experience.

To study at Murdoch, you will need to meet the specific entry requirements for your course, as well as our English Language Competency (ELC) requirements. Domestic students can demonstrate ELC by:

- Successfully completing Year 11 and 12, 2 years of VET study, or 2 years of a combination of these pathways in an Australian or English speaking school.
- Achieving a scaled mark of 50 or higher in ATAR English, Literature or English as an Additional Language or Dialect.
- Achieving a mark of 3 or higher in International Baccalaureate (IB) higher level English.
- Achieving a mark of 4 or higher in IB standard level English.
- Sitting an English proficiency test, such as the Special Tertiary Admissions Test (STAT) and attaining a score of 140 or higher in the Written English section.
- Successfully completing a university preparation course or an approved English language course.
- Successfully completing two units at an Australian university or through Open Universities Australia (AQF Level 7 or higher).
- Successfully completing a Diploma (AQF Level 5 of higher).

These pathways meet the English Language Competency (ELC) requirements for most of the courses at Murdoch.

To find out the specific English Language Competency (ELC) requirements for the course you’re interested in, and any additional ELC requirements for the professional registration on completion of your degree, visit murdoch.edu.au/courses.
If you have recently completed school, there are a range of ways to enter Murdoch University. To gain admission into most courses at Murdoch, you will need a selection rank of 70. This can be achieved via an ATAR, a Certificate IV (CIV), a portfolio of work, or completion of an enabling pathway completed during Year 12. Some courses require higher selection ranks, and this is detailed on our course pages. You will also need to meet the University’s English Language Competency (ELC) requirements. With the exception of Nursing and Veterinary Science (which have a competitive entry), undergraduate courses at Murdoch have a guaranteed selection rank required for consideration. Your selection rank includes your ATAR plus any eligible adjustment factors. You'll find the minimum selection rank for the course you're interested in by visiting murdoch.edu.au/courses.

The difference between an ATAR and selection rank

Your ATAR, or Australian Tertiary Admission Rank, is a number between 0 and 99.95—a rank which tells you how you have been positioned compared to other Year 12 students in Western Australia.

Adjustments are used to increase your selection rank due to factors like the location of your high school or primary residence, the selection of subjects including a language other than English or specialist Mathematics or your eligibility for an educational access scheme such as Murdoch RSE. Selection rank adjustments don’t change your ATAR—they change your selection rank for entry into a particular university.

Here at Murdoch, we offer Murdoch RSE, an educational access scheme aimed at supporting access to university for students who are first in family or from rural and regional, low socio-economic, or Aboriginal and Torres Strait Islander backgrounds. It can help you get into your preferred course by increasing your Murdoch selection rank. There’s no need to register—if you’re eligible, the adjustment factor is automatically added to your ATAR score when you apply for a Murdoch undergraduate degree.

Academic and English Language Competency (ELC) requirements

To gain admission into a course at Murdoch, you will need a Western Australian Certificate of Education (WACE), an ATAR or selection rank of 70 or higher (depending on your chosen course) and you will need to meet our English Language Competency (ELC) requirements. The most common ways for a domestic student to meet ELC requirements are:

- Two years of Year 11 and 12 or VET studied in Australia (or a combination of both), or
- A minimum scaled score of 50 or higher in ATAR English (or equivalent), or
- A score of 100, or higher in the Written English Component of the Special Tertiary Admission Test (STAT)

A selection rank of 70 can be achieved by using your adjusted ATAR score, by scoring 24 or higher in the International Baccalaureate (IB), completing an accredited Certificate IV or higher, using a portfolio entry pathway, or by completing an enabling pathway course. Read more about our enabling pathway courses on page 24.

If you completed high school outside of Western Australia, you will still need to meet the same entry requirements as Western Australian students. ATAR scores are equivalent across every state in Australia except Queensland. If you have previously studied in Queensland and have an Overall Position (OP), you can have this converted to an ATAR score.

Courses with other admission options

Some Murdoch courses have other admission pathways that can be used as an alternative to an ATAR pathway, including:

LAW START

If you’ve achieved great results in one or more ATAR subjects with a strong focus on essay-writing and communication, LAW START could be an option for you to apply directly to study law at Murdoch. To be considered for admission, you will need to nominate law, or a combined law degree, add Murdoch as your first preference and meet our English Language Competency (ELC) requirements.

Portfolio entry pathway

If you’re ready to pursue your university goals but don’t currently meet our standard admission requirements, our portfolio entry pathway could be the ideal option for you. If you’re a school leaver, you can demonstrate your eligibility through your final Year 12 subject results and/or extra-curricular activities in an area directly related to your desired course. All portfolio applicants need to demonstrate English Language Competency (ELC).

To find which courses are available via portfolio entry go to murdoch.edu.au/study/courses/undergraduate-courses/portfolio-entry-pathway.

Media portfolio pathway

Our media portfolio pathway is for creative students aiming to enrol in an arts course based on your motivation and potential for creative aptitude. You will be assessed by the Academic Chair for your desired course, based on your creative portfolio. Your admission through the media portfolio pathway is not dependent on your ATAR score or having completed ATAR subjects. To be eligible for our media portfolio pathway, you must complete all Western Australian Certificate of Education (WACE) or equivalent, demonstrate English Language Competency (ELC) and your aptitude and ability via a body of work related to the course you are applying for.

Completed high school more than two years ago?

Even if you finished Year 12 a while ago, your exam results are still valid. If you finished in 1992 or after, you can visit tisc.wa.edu.au to convert your results to an ATAR using the TISC ATAR calculator.

If you graduated from high school prior to 1992, you can contact TISC directly to request an ATAR.

Completed studies at a higher education provider?

For most of our undergraduate courses, if you have successfully completed at least two units at an Australian university or through Open Universities Australia (OUA), you will meet the entry requirements to apply for admission to most courses requiring a selection rank of 70.

To be eligible for entry via this pathway for a course with a higher selection rank, you will need to have studied for one or two semesters full-time (depending on the Murdoch course you choose) full-time at another Australian university and achieve a minimum average score (minimum score dependent on the course you choose).

Work or life experience?

If you didn’t finish high school or haven’t completed any tertiary education, you still have a range of admission pathway options to study at Murdoch.

Special Tertiary Admissions Test (STAT)

If you’re at least 25 years old by the first of March in the year you wish to commence your studies, you can apply for entry to Murdoch by sitting the STAT. You will be able to apply for all courses excluding law and veterinary science using your STAT score.

To apply for admission into most of our undergraduate courses, you’ll need a STAT score of at least 140 in the written English section and 135 in the multiple choice section. To apply for Engineering you will need a STAT score of at least 140 in the written English section and 155 in the multiple choice section.

Please note that admission to nursing may require additional English Language Competency (ELC) requirements. You can check ELC requirements for nursing at murdoch.edu.au/study/courses/undergraduate/83737.

Mature Age Pathway (MAP)

This involves an interview and a portfolio submission. Your portfolio will need to include a recent resume which demonstrates 3-5 years of professional experience (paid or voluntary) in an area directly related to your chosen course, a 500-word personal statement and a minimum of two references related to this experience.

You will need to apply for the Mature Age Pathway at least two weeks prior to the start of the semester. This pathway is available for direct entry to Education, Psychology, Chiropractic Science, Veterinary Science, Nursing, Engineering and Law courses.

Completed a vocational education and training (VET) qualification?

If you have successfully completed a Certificate IV or higher VET qualification and meet our English Language Competency (ELC) requirements, you’re eligible to apply for admission to many of our undergraduate courses. This excludes direct entry into Law and Veterinary Science. For entry into Engineering, your VET qualification must be at diploma level or higher.

If you don’t have a Certificate IV or higher, you can explore our range of enabling pathways.

Previously commenced or completed study at a higher education provider?

For most of our undergraduate courses, if you have successfully completed at least two units at an Australian university or through Open Universities Australia (OUA), you will meet the entry requirements to apply for admission to most courses requiring a selection rank of 70.
We offer a range of enabling pathway courses that will help you develop the skills you need to study at a university level.

Upon successful completion, you’ll be eligible to study most undergraduate courses with a selection rank of 70.

**ONTRACK**
Our most popular enabling pathway course is OnTrack, a free 14-week course run at our Perth, Mandurah and Rockingham campuses.

OnTrack will provide you with a supportive adult learning environment in which you can develop effective study habits and learning strategies as well as the tuition needed to develop your academic skills to an undergraduate level. You will be given assistance to explore an undergraduate degree program that matches your aspirations and have access to a network of peer and academic support at Murdoch University.

**FLEXITRACK**
If you’d like to study a pathway course like OnTrack but can’t commit to a full-time workload or would prefer to study online, then FlexiTrack may be the course for you.

With the same entry requirements and course content as OnTrack, FlexiTrack is our free online course for students who do not qualify for direct entry. The course can be studied intensively over 10 weeks, full-time over 20 weeks, or part-time over 12 months. With numerous intakes available, you could begin your studies in February, April, July, September or November.

**ONTRACK SPRINT**
If you don’t quite get the ATAR results you need, OnTrack Sprint could be the right option for you. It’s a free, intensive 4-week course which commences every year in January at our Perth campus.

OnTrack Sprint will help you to develop effective study habits and learning strategies and build your academic skills to an undergraduate level in a supportive environment. If you successfully complete this course you could apply to start one of our degrees in Semester 1, at the same time as your high school friends.

To be eligible, you’ll need to have attained a selection rank of 70, but have not met English Language Competency (ELC) requirements via completion of Year 11 and Year 12 in an Australian or English speaking school, but have attained a scaled score of 45-49 in ATAR English.

**K-TRACK**
K-Track is our free 14-week on-campus course designed to enable Aboriginal or Torres Strait Islander students to qualify for entry into an undergraduate degree. The course is tailored specifically for students who would not otherwise qualify for entry.

Through a series of units, you’ll explore the concepts of communication, collaborative work practices and critical thinking. You will also be introduced to academic writing styles, referencing, essay writing and constructing arguments.

**PRE-LAW**
Pre-Law is our night course designed for mature age applicants who do not meet the entry requirements for our Bachelor of Laws. If you complete this course at credit level (at least a 60% average), you’ll be offered direct entry into the Bachelor of Laws.

For more information about our enabling pathways, visit murdoch.edu.au/enablingpathways
Choosing what to study

Flexilab transforms how STEM is taught

Students studying science, technology and engineering will enjoy Murdoch’s new Flexilab – a multi-purpose teaching and preparatory laboratory transforming the way science subjects are taught. Height adjustable benches and wash-down facilities have also been provided to better accommodate access for students in wheelchairs.

Choosing what to study at uni isn’t easy. You can be sure that when you leave Murdoch you’ll be prepared for the rapidly changing working world as we help you to develop a wide range of practical and transferable skills, including critical and creative thinking, communication, research and problem-solving skills.

If you’re unsure about what you want to do, that’s okay! Here are a few things for you to think about...

**Talk to people.**
Find out as much as you can about different subjects, courses and careers by talking to your career adviser and teachers at your high school, your family and friends, and even people in jobs that you think you might enjoy.

**Explore more than one area.**
Whether you’re researching university courses or are just trying to figure out what you’d like to study, don’t limit yourself to one area. At Murdoch you can study a combined degree or double major, meaning you can study two completely different or complementary areas. You could study a course that will give you the qualification needed for your future career alongside something you find really interesting. For example, you may want to be a lawyer so you study a law degree, but you may also have a passion for science – at Murdoch you can study both!

**Figure out what you like, and what you don’t.**
We all learn best when we’re studying something we enjoy. So when it comes to choosing your university course, you should base your decision on exactly that. Make a list of the things you love, have a passion for or are just really good at. You may have a subject at school that you really like or perhaps there’s something you do in your free time that you could study at university and turn into a career.

**Do your research.**
Have a look at university websites and brochures to explore the courses and careers you may be interested in, or experience universities for yourself by attending open days and information evenings. Find out more and register at murdoch.edu.au/events

**Consider the type of job you can see yourself working in.**
Are you better at working with people or by yourself? Do you thrive in an indoor environment or prefer to be outside amongst nature? Do you like the idea of travelling for work? Ask yourself these questions and even get a taste for different work environments by completing work experience while you’re still in high school.

**Remember, it’s okay to change your mind.**
Try to remain flexible in the way you think about your future, because you might just change your mind! Research shows Australian professionals change their career path an average of five to seven times. If you find that the course you chose isn’t really for you, or you discover something different you’d like to study instead, that’s okay. Even once you’ve started at uni, there’s still the flexibility to change.

With NINE study areas to choose from and over 280 courses on offer, no matter what kind of free thinker you are, you’ll find an undergraduate course that aligns with your interests and career aspirations.
The first degree you will study at university is an undergraduate degree, also known as a bachelor’s degree.

At Murdoch, we offer a comprehensive range of degrees and majors, providing you with the opportunity to specialise in an area (or two) of your choice.

Our flexible degree structure means that for most courses you can choose to study on-campus or online, study at your own pace by doing a unit or two per semester or full-time to complete your course in the specified timeframe, and study two majors or degrees at once, to broaden your qualifications and choice of careers.

**MURDOCH DEGREE STRUCTURE**

While school is divided into four terms, university study is generally divided into two semesters. Each semester usually lasts 15 weeks.

For most degrees, if you study full-time, you would typically complete four units per semester, with each unit worth three credit points. Each one of our degrees has a specified number of credit points you need to complete to graduate.

The units you study will usually include:

- **Your major:** This is your main sequence of units in your chosen area of study. Your major forms the bulk of what you’ll learn during your time at university and will become your area of expertise.
- **Your course core:** This is a set of units and specified electives (units that you choose from a specified list) which you need to complete as part of your degree.
- **Murdock Career Learning Spine:** This is a set of units which is compulsory for some courses and recommended for others. It’s designed to give you the kind of practical, transferable skills you’ll use for your entire career. You’ll learn to work in a digital environment, network like a professional, and manage your professional identity online.
- **Options:** Depending on what you choose to study, a double major won’t necessarily take any longer than a single major to complete, but a combined degree will take an extra year or two, compared to a single degree.

Specialising in two areas will expand your expertise, broaden your career options and give you a competitive edge in your career.

For example, you could study a Bachelor of Business with majors in Accounting and Finance as a double major, or a Bachelor of Laws and a Bachelor of Criminology as a combined degree.

Depending on what you choose to study, a double major won’t necessarily take any longer than a single major to complete, but a combined degree will take an extra year or two, compared to a single degree.

**EXAMPLE DOUBLE MAJOR COURSE STRUCTURE**

Are you wondering how you fit two three-year majors into just one three-year degree?

When you study a single major, you’ll have a certain number of option units that you can put towards studying general electives, a minor, a co-major or an additional major (double major). If you study an additional major from the same degree, you will only need to complete the required major units and not more option, course core or career spine units.

To the right is an example of what a Bachelor of Business in Account and Finance course structure would look like.

**Options:** Once you’ve completed the compulsory parts of your degree and major, you may have left over credit points, so you can study options.

- **a double (or additional) major** – Depending on what other major you choose, this may or may not increase the time required to complete your course.
- **a co-major** – This is a sequence of units in a specialised area of study that has less depth than your major.
- **a minor** – This is a short sequence of units in a specialised area of study that has less depth than a co-major.
- **general electives** – This could include any units from your other courses that you meet the prerequisites for.

**YOU CAN CHOOSE ONE OR TWO MAJORS FOR MOST COURSES – OR COMBINE TWO DEGREES**

Depending on your degree, you could also earn an extra year or two, compared to a single degree.
Learn business foundations with an opportunity to specialise

### BACHELOR OF BUSINESS
- Accounting 38
- Business Law 38
- Entrepreneurship and Innovation 39
- Finance 40
- Global Business and Politics 40
- Hospitality and Tourism Management 41
- Human Resources Management 42
- International Business 42
- Management 43
- Marketing 43

### BACHELOR OF COMMERCE
- HR Management and Analytics 44
- Professional Business Practice 45
A new era of business, needs a new kind of business graduate.

It’s our business to rethink business education.

We are reimagining the way business education is being delivered with the new Bachelor of Commerce allowing you to complete your degree in two years instead of three.
Preparing the workforce for the future is considered a major strategic challenge, which has taken on a new significance given the recent changes to the way society operates. With governments focusing on skill-building, and increasing employer demands for ‘work-ready’ graduates, education providers are under pressure to do things differently.

 Universities are at the forefront of business education, facilitating supportive and engaging learning environments to develop specialised capabilities and personal skills. But business students, their families, and governments, expect education providers to also deliver on employability outcomes that enable graduates to navigate the evolving workplace and its dynamic nature.

There is an abundance of evidence to support the view that employers are satisfied with graduate technical skills, but are less satisfied with those skills which support work readiness and employability outcomes. A lack of experience in professional work environments is contributing to this perception. Work experience is highly regarded by employers, particularly if the experience is in a professional setting. Therefore, it is vital for education providers to integrate the practical application of knowledge into traditional business courses.

BUSINESS EDUCATION FOR THE MODERN-DAY LEARNER

Focusing on modern learning approaches that are optimised via digital learning platforms is one of the paths education providers can take to ensure student skillsets are better aligned with evolving student and business needs. At Murdoch University, we are using virtual immersive simulation experiences embedded within the Bachelor of Commerce to test technical and subject skills and promote awareness and motivation to widen personal aptitudes and capabilities.

Another path is to design courses that provide more opportunities for students to engage in professional and authentic business practice experiences. Courses should be co-designed and co-delivered with industry experts.

The more education institutions can enhance graduate outcomes, the better for students, education providers, employers and the global community. This approach equips business graduates for the rapidly changing world of work at the start of their business degree, not as an after-thought as graduation approaches. This is the cornerstone of how the Murdoch Business School is transforming education.

CO-DESIGNED WITH INDUSTRY FOR REAL-WORLD EXPERIENCES

Real-world experiences are an integral part of our courses and a required component for all students in the Bachelor of Commerce program. Collaborations between Murdoch Business School academics and industry professionals with experiences in banking, engineering, education, insurance, and mining is driving the co-design and co-development of an innovative curriculum aligned with industry standards and expectations, relevant for the future graduate.

Participation in a range of professional experiences is used to deliver an innovative business education. This ranges from case-studies to client projects, field trips, business simulations and workplace internships. This approach is coupled with non-traditional assessments and a focus on developing digital knowledge where innovation, creativity and problem-solving is used.

The Murdoch Business School is creating a model of collaboration that is taking the best of academic and professional expertise and applying it to the challenges that business graduates are likely to encounter as they transcend into the workforce of the future. So, when the time comes, they are prepared for work that employers value and industry needs.

ASSOCIATE PROFESSOR
ANTONIA GIRARDI
HEAD OF THE MURDOCH BUSINESS SCHOOL, MURDOCH UNIVERSITY
STUDY THE NEW BACHELOR OF COMMERCE

We are reimagining the way business education is being delivered at Murdoch. The new Bachelor of Commerce will allow you to complete your degree in two years instead of three.

You can choose two majors to study from including Professional Accounting, or HR Management and Analytics. You’ll also take part in our Professional Business Practice co-major, giving you the opportunity to develop real-world industry skills and gain hands-on experience through placements, internships and projects with global organisations to prepare you for the workplace.

STUDY AN ACCREDITED BUSINESS PROGRAM

We offer a suite of programs which have been designed to develop business skills for the changing world of work. Some of our accreditations are with the Australian Institute of Management WA, Australian HR Institute (AHRI) and CPA Australia.

GAIN THE RELEVANT SKILLS TO SUCCEED IN YOUR BUSINESS CAREER

The Murdoch Business School is connected to industry, meaning you’ll learn the current needs of the workforce and future-proof your career.

We work with an Industry Advisory Board that brings together leaders from business, government and education to offer their expertise, guidance and leadership. We are proud to have an Advisory board that is reflective of our community - diverse in culture, gender and industry sectors.

GAIN REAL-WORLD EXPERIENCE

At Murdoch, you’ll have the opportunity to participate in our Work Integrated Learning program. Through these industry placements, you’ll gain invaluable, hands-on experience with some of WA’s and Australia’s leading businesses, government entities and not-for-profit organisations.

You’ll learn new skills and build networks that are essential for career development as well as gaining a competitive edge over other graduates when it comes to finding employment.

Why study Commerce at Murdoch?

1. Graduate in two years. Accelerate your learning and complete your undergraduate degree in two years instead of three.

2. Participate in authentic career-learning experiences. Throughout your studies, you could participate in case studies, client projects, corporate training, business simulations and virtual site tours and workplace internships.

3. Study a degree shaped by industry professionals. It’s co-designed and co-delivered with industry experts, so you’ll learn the latest skills valued by employers. Some of our members work at Ernst & Young, Department of Planning, Lands and Heritage, Student Edge and the City of Fremantle.

Ready to study an industry-relevant Commerce degree?

Learn more about Commerce on page 44.
Accounting
If you want to...
1. Qualify for a career where your skills will be in demand regardless of what the economy is doing.
2. Gain hands-on experience using software packages that will help you practice bookkeeping and learn how to prepare taxation documents.
3. Work with real organisations on real projects, and complete internships through our Work Integrated Learning program.

As an Accounting student you will...
• Identify business opportunities, analyse problems and solve them.
• Make decisions about investments, lending or borrowing money, and providing goods for cash or on credit.
• Interpret accounting and auditing standards and taxation acts.
• Gain skills in financial statement analysis, forecasting and budgeting, negotiation, ethical decision-making and problem-solving.

You’ll learn
Management accounting, technology and accounting processes, corporate finance, taxation and company law.

Want to be recognised?
When you graduate, you can apply to be a member of the professional accounting bodies, including Associate membership of CPA Australia, direct entry into the Chartered Accountants of Australia and New Zealand CA Programme and Associate membership of the Institute of Public Accountants. Our degree is accredited by CPA.

Where it will take you
You could work with professional accounting firms, in government departments, major or emerging brands or in not-for-profit organisations. Your future career options could include:
• Credit Manager
• Chief Financial Officer
• Financial Analyst or Planner
• Auditor or Bookkeeper
• Accountant, including Certified Practising Accountant

What you need to know...
BACHELOR OF BUSINESS
TISE Code MUBUS
Course Code B1367
Duration 3 years
Selection Rank* 70
Intake Semester 1 and 2
Recommended ATAR Subjects Mathematics Applications

*Minimum Selection Rank required for consideration

Business Law
If you want to...
1. Work with organisations on real projects as part of our Work Integrated Learning program.
2. Develop the legal skills and knowledge you need to run your own business.
3. Solve real business problems and experience the many perspectives you’ll find in the workplace.

As a Business Law student you will...
• Develop legal, management and business skills needed to conduct day-to-day business.
• Understand when to seek legal advice and examine the important areas of finance, advertising and employment law.
• Explore the laws around consumer and employee protection, product disclosure, business reporting, compliance and many other areas of business.
• Learn the principles of order and justice, and the different ways business disputes can be resolved.

You’ll learn
Marketing and advertising law, alternative dispute resolution, workplace law, finance law and taxation.

Where it will take you
You’ll graduate ready to work in practically any business or industry across state and federal government agencies, non-governmental organisations, not-for-profit organisations and major international brands. Your future career options could include:
• Financial Services Officer
• Legal Compliance Officer
• Business Owner or Entrepreneur
• Business Analyst

What you need to know...
BACHELOR OF BUSINESS
TISE Code MUBRL
Course Code B1367
Duration 3 years
Selection Rank* 70
Intake Semester 1 and 2
Recommended ATAR Subjects N/A

*Minimum Selection Rank required for consideration

Entrepreneurship and Innovation
If you want to...
1. Connect, collaborate and create with local businesses and industry members.
2. Create a business idea, develop it and have the chance to launch it in your final year.
3. Utilise innovative teaching approaches such as Legal® Serious Play®, Design Thinking, Lean Start-Up, Gamification or Neuroeducation.

As an Entrepreneurship and Innovation student you will...
• Understand innovation, how it develops and how it can be managed.
• Explore problem-solving methodologies to find solutions for business and societal challenges.
• Gain project management skills.
• Study how to develop effective human capital and social networks.
• Learn how to influence the process of building competitive advantage.

You’ll learn
Marketing and advertising law, alternative dispute resolution, workplace law, finance law and taxation.

Where it will take you
Graduating with a Bachelor of Business in Entrepreneurship and Innovation opens up many career opportunities. You could work for yourself or work within any industry or sector. Your future career options could include:
• Entrepreneur/Business Owner
• Working in a Start-Up
• Intrapreneur (you could be a manager within a company who promotes corporate changes)
• Business Consultant
• Business Analyst or Manager
• Social Enterprise Consultant

What you need to know...
BACHELOR OF BUSINESS
TISE Code MUBLF
Course Code B1367
Duration 3 years
Selection Rank* 70
Intake Semester 1 and 2
Recommended ATAR Subjects N/A

*Minimum Selection Rank required for consideration

---

“After visiting all the university campuses around Perth, I felt most at home with the natural feel of the Murdoch campus. After some research and comments from mentors and industry professionals, the decision to study my degree at Murdoch was easy. Business is an industry which is constantly changing and developing, and this is what interests me about studying commerce. Not knowing where I may end up is an exciting prospect and it keeps me adaptable and flexible to opportunities as they arise.”

JORDAN JUPP
BACHELOR OF COMMERCE
(ACCOUNTING AND FINANCE)
**Finance**

**If you want to...**
1. Join a growing industry where strong growth is expected for financial brokers.
2. Work on real projects as part of our Work Integrated Learning program.
3. Build your network of contacts by becoming a member of professional bodies and associations through our industry connections.

**What you need to know...**
- Finance Broker
- Chief Financial Officer
- Investment Strategist
- Financial Analyst or Manager
- Credit Manager

include:
- not-for-profit organisations. Your future career options could include:
- Business Analyst (marketing, operations, finance)
- Business and Government Relationship Analyst (private sector)
- Policy Analyst (trade, investment, operations, finance)

**As a Finance student you will...**
- Explore business opportunities, analyse problems and find solutions.
- Make informed decisions and shape business interactions in a creative, confident and ethical way.
- Gain an understanding of capital investment, sources of funds, dividend policy, working capital management, efficient capital markets, portfolio management, the use of options, futures, forward exchange contracts and more.

**You’ll learn**
- Investment analysis, international finance, corporate finance, finance law and treasury management.

**Want to be recognised?**
When you graduate, you could be eligible for associate membership of the Financial Services Institute of Australasia (FINSIA).

**Where it will take you**
Graduating with a major in Finance will make you ready to work across both business and politics. Your future career options could include:
- Travel Retailer or Guide
- Tour Operator
- Hotel Sales, Marketing and Public Relations Director
- Convention Services Manager
- Hospitality Manager

Your future career options could include:
- Travel Retailer or Guide
- Tour Operator
- Hotel Sales, Marketing and Public Relations Director
- Convention Services Manager
- Hospitality Manager

You could work in travel and tourism, hospitality or retail industries.

**Global Business and Politics**

**If you want to...**
1. Study the only business course in Australia which combines business, politics and public policy.
2. Work with organisations on real projects, and complete internships through our Work Integrated Learning program.
3. Gain the kind of management, negotiation and problem-solving skills that will help you in any career.

**Where it will take you**
Graduating with a major in Global Business and Politics will make you ready to work across both business and politics. Your future career options could include:
- Travel Retailer or Guide
- Tour Operator
- Hotel Sales, Marketing and Public Relations Director
- Convention Services Manager
- Hospitality Manager

You could work in travel and tourism, hospitality or retail industries.

**Hospitality and Tourism Management**

**If you want to...**
1. Work with organisations and complete internships through our Work Integrated Learning program.
2. Develop the kind of management, negotiation and problem-solving skills that will help you in any career path you choose.
3. Learn from Western Australia’s top tourism experts who are actively involved in tourism research.

**Where it will take you**
Graduating with a major in Hospitality and Tourism Management will make you ready to work across both business and politics. Your future career options could include:
- Travel Retailer or Guide
- Tour Operator
- Hotel Sales, Marketing and Public Relations Director
- Convention Services Manager
- Hospitality Manager

You could work in travel and tourism, hospitality or retail industries.

**As a Global Business and Politics student you will...**
- Make crucial business decisions, create strategies to manage complex challenges and learn how to become a future business leader.
- Explore how global and domestic politics and public policy shape the decisions and strategies of business and non-profit sectors in society.
- Learn how business is conducted within Australia, across borders and around the world.
- Solve practical problems in business and develop negotiation skills.

**You’ll learn**
- How business functions in society, international political economies and public policy analysis.

**As a Hospitality and Tourism Management student you will...**
- Learn about hospitality and tourism management and how the industry is always changing.
- Explore sustainable tourism and use data to help predict trends for a particular place or region.
- Learn business management principles and how to use research to make business decisions.

**You’ll learn**
- Destination management, hospitality and tourism, sustainable tourism, tourism and hospitality law and strategic management.

**As a Finance student you will...**
- Explore business opportunities, analyse problems and find solutions.
- Make informed decisions and shape business interactions in a creative, confident and ethical way.
- Gain an understanding of capital investment, sources of funds, dividend policy, working capital management, efficient capital markets, portfolio management, the use of options, futures, forward exchange contracts and more.

**You’ll learn**
- Investment analysis, international finance, corporate finance, finance law and treasury management.

**Want to be recognised?**
When you graduate, you could be eligible for associate membership of the Financial Services Institute of Australasia (FINSIA).

**Where it will take you**
Graduating with a major in Finance will make you ready to work across both business and politics. Your future career options could include:
- Travel Retailer or Guide
- Tour Operator
- Hotel Sales, Marketing and Public Relations Director
- Convention Services Manager
- Hospitality Manager

You could work in travel and tourism, hospitality or retail industries.

**As a Hospitality and Tourism Management student you will...**
- Learn business management principles and how the industry is always changing.
- Explore sustainable tourism and use data to help predict trends for a particular place or region.
- Learn business management principles and how to use research to make business decisions.

**You’ll learn**
- Destination management, hospitality and tourism, sustainable tourism, tourism and hospitality law and strategic management.

**Where it will take you**
Graduating with a major in Hospitality and Tourism Management will make you ready to work across both business and politics. Your future career options could include:
- Travel Retailer or Guide
- Tour Operator
- Hotel Sales, Marketing and Public Relations Director
- Convention Services Manager
- Hospitality Manager

You could work in travel and tourism, hospitality or retail industries.

**As a Global Business and Politics student you will...**
- Make crucial business decisions, create strategies to manage complex challenges and learn how to become a future business leader.
- Explore how global and domestic politics and public policy shape the decisions and strategies of business and non-profit sectors in society.
- Learn how business is conducted within Australia, across borders and around the world.
- Solve practical problems in business and develop negotiation skills.

**You’ll learn**
- How business functions in society, international political economies and public policy analysis.

**As a Finance student you will...**
- Explore business opportunities, analyse problems and find solutions.
- Make informed decisions and shape business interactions in a creative, confident and ethical way.
- Gain an understanding of capital investment, sources of funds, dividend policy, working capital management, efficient capital markets, portfolio management, the use of options, futures, forward exchange contracts and more.

**You’ll learn**
- Investment analysis, international finance, corporate finance, finance law and treasury management.

**Want to be recognised?**
When you graduate, you could be eligible for associate membership of the Financial Services Institute of Australasia (FINSIA).

**Where it will take you**
Graduating with a major in Finance will make you ready to work across both business and politics. Your future career options could include:
- Travel Retailer or Guide
- Tour Operator
- Hotel Sales, Marketing and Public Relations Director
- Convention Services Manager
- Hospitality Manager

You could work in travel and tourism, hospitality or retail industries.

**As a Global Business and Politics student you will...**
- Make crucial business decisions, create strategies to manage complex challenges and learn how to become a future business leader.
- Explore how global and domestic politics and public policy shape the decisions and strategies of business and non-profit sectors in society.
- Learn how business is conducted within Australia, across borders and around the world.
- Solve practical problems in business and develop negotiation skills.

**You’ll learn**
- How business functions in society, international political economies and public policy analysis.

**As a Hospitality and Tourism Management student you will...**
- Learn business management principles and how the industry is always changing.
- Explore sustainable tourism and use data to help predict trends for a particular place or region.
- Learn business management principles and how to use research to make business decisions.

**You’ll learn**
- Destination management, hospitality and tourism, sustainable tourism, tourism and hospitality law and strategic management.

**Where it will take you**
Graduating with a major in Hospitality and Tourism Management will make you ready to work across both business and politics. Your future career options could include:
- Travel Retailer or Guide
- Tour Operator
- Hotel Sales, Marketing and Public Relations Director
- Convention Services Manager
- Hospitality Manager

You could work in travel and tourism, hospitality or retail industries.

---

**What you need to know...**

<table>
<thead>
<tr>
<th>BACHELOR OF BUSINESS</th>
<th>Course Code</th>
<th>TISC Code</th>
<th>Duration</th>
<th>Intake</th>
<th>Recommended ATAR Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>TISC Code</td>
<td>MURUS</td>
<td>B1367</td>
<td>3 years</td>
<td>70</td>
<td>Mathematics Applications</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration*
**BACHELOR OF BUSINESS**

### Human Resources Management

**If you want to...**

1. Use virtual simulation to prepare you for real-life HR experiences such as interviews and managing conflict resolution.
2. Work with real organisations on real projects, and complete internships through our Work Integrated Learning program.
3. Develop management, negotiation and problem-solving skills that will help in any career.

**What you need to know...**

<table>
<thead>
<tr>
<th>Bachelor of Business</th>
<th>TSSC Code</th>
<th>Course Code</th>
<th>Intake</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1685</td>
<td>B1367</td>
<td></td>
<td>Semester 1 and 2</td>
<td>70</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

**Where it will take you**

You'll be able to explore a range of roles across Australia and the world. Your future career options could include:

- Human Resources Analyst
- Human Resources Policy Officer
- Payroll and Operations Support
- Recruitment Resource

### International Business

**If you want to...**

1. Develop strategic decision-making skills and explore new ways of thinking essential to any business operation.
2. Build your network of contacts by becoming a member of professional bodies and associations through our industry connections.
3. Learn from experts in international business as they share their experience and insights from a range of perspectives.

**What you need to know...**

<table>
<thead>
<tr>
<th>Bachelor of Business</th>
<th>TSSC Code</th>
<th>Course Code</th>
<th>Intake</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1633</td>
<td>B1367</td>
<td></td>
<td>Semester 1 and 2</td>
<td>70</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

**Where it will take you**

- Foreign Affairs Advisor
- International Engagement Officer
- International Operations Analyst
- Management Analyst

Your future career options could include:

- Federal government agencies
- Non-governmental organisations
- State and federal police
- Not-for-profit organisations or major international brands. Your future career options could include:

- Strategic management
- Organisational development and change
- Strategic decision-making skills

### Management

**If you want to...**

1. Be supported throughout your studies. Murdoch is rated five stars for learner engagement and student support for Business and Management courses (source: The Good Universities Guide 2020).
2. Launch your career in any industry, from global corporations to not-for-profit organisations.
3. Solve real business problems and experience the perspectives you’ll find in the workplace.

**What you need to know...**

<table>
<thead>
<tr>
<th>Bachelor of Business</th>
<th>TSSC Code</th>
<th>Course Code</th>
<th>Intake</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1696</td>
<td>B1367</td>
<td></td>
<td>Semester 1 and 2</td>
<td>70</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

**Where it will take you**

- Work with real organisations on real projects to develop the skills and knowledge you need to become a successful manager.
- Gain the kind of management, negotiation and problem-solving skills that will help you in any career path you choose, in a rapidly-changing world.

### Marketing

**If you want to...**

1. Get real-world experience through our Work Integrated Learning program.
2. Learn from experts who have worked with companies such as MTV, Pepsi, Nike and other multi-national corporations.
3. Learn to use data and digital marketing strategies to give customers what they’re looking for, often before they even know they’re looking for it.

**What you need to know...**

<table>
<thead>
<tr>
<th>Bachelor of Business</th>
<th>TSSC Code</th>
<th>Course Code</th>
<th>Intake</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1637</td>
<td>B1367</td>
<td></td>
<td>Semester 1 and 2</td>
<td>70</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

**Where it will take you**

With a major in marketing your skills will be in high demand. Your future career options could include:

- Digital Marketer
- Market Research Analyst
- Product or Brand Manager
- Marketing Account Manager or Marketing Consultant

This course is recognised by the Australian Marketing Institute (AMI). Your future career options could include:

- Marketing Account Manager or Marketing Consultant
- Product or Brand Manager
- Market Research Analyst
- Content Marketer
- Digital Marketer

Want to be recognised?

This course is recognised by the Australian Marketing Institute (AMI).
Before moving to Perth to study at Murdoch in Dubai. Soon after that I enrolled at Murdoch to study finance. I dropped out of finance and took a year to find myself which led me to enrol to study marketing at Murdoch's Perth campus. Coming to Murdoch has been an incredible experience of discovery, bonding, and learning.

My experience has been incredibly positive. I love the beautiful campus, the great facilities, the people. I have always been able to find someone on-campus who is available to help me out, provide me with guidance or offer me support.

CARLOS DE LEON
BACHELOR OF COMMERCE (MARKETING)
Creative Arts & Comms

BACHELOR OF ARTS
- English and Creative Writing

BACHELOR OF CREATIVE MEDIA
- Games Art and Design
- Graphic Design
- Photography
- Screen Production
- Sound

BACHELOR OF COMMUNICATION
- Global Media and Communication
- Journalism
- Strategic Communication
- Web Communication

BACHELOR OF DIGITAL MEDIA AND COMMUNICATION
- Digital Media and Communication

Develop your creative ideas and think freely
BACHELOR OF CREATIVE MEDIA IN GAMES ART AND DESIGN

Bring your creative passion to life.

Do you want to level-up your gaming knowledge and turn your passion into your career?

Studying a Bachelor of Creative Media in Games Art and Design will allow you to create games where you'll learn about animation, 3D modelling, concept art, and designing for mobile and virtual reality platforms. Some of our past students have worked on projects such as Furious 7, Fantastic Four and The Hobbit.

Why study Games Art and Design at Murdoch?

1. Learn in our state-of-the-art facilities. You'll have access to some of the latest technologies and facilities including a dedicated games computer lab, VR headsets, green screen studio and interactive audio suites to help you bring your games to life.

2. Study a degree where you'll learn alongside industry professionals. You could learn from games production experts including Simon Allen, who worked as an animator for Pixar, Jason Trevenen, who worked as a concept artist for Disney, and Brad Power, who was lead designer at the Perth studio of AAA developer Interzone Games.

3. Showcase your work. You'll have the chance to join local, national and international competitions, giving you great exposure to potential employers.

WORK WITH REAL CLIENTS AT OUR VERY OWN MESH CONSULTANCY

MESH provides a collaborative space for students from across the creative arts and communication disciplines to showcase their work and develop real consulting experience.

As a creative arts or communication student, you'll have the opportunity to act as a MESH consultant and deal with a diverse range of real clients. You could find yourself working collaboratively with a group of students to develop unique communication solutions for a local not-for-profit, or perhaps a more independent and long-term project through undertaking a professional placement.

You could even develop mobile apps or games, build interactive displays or websites, develop visual brand identities, meet film and sound production needs, create social media campaigns, write content and media strategies, or take on a research project.

GET ON-THE-JOB EXPERIENCE

To complement your on-campus experience, you can also learn from the industry's best through an internship at some of WA's leading businesses, government agencies and not-for-profit organisations.

LET YOUR ARTISTIC FLAIR AND CREATIVITY COME TO LIFE AT OUR MEDIA ARTS CENTRE

As a creative arts or communication student, you'll make use of our $1.7 million Media Arts Centre, combining interactive television, sound, news, journalism and graphic design facilities for you to hone your skills, gain real-world experience and explore new ideas.

You'll also use our new M0Lab—a high tech digital workspace that houses a range of facilities to cater to the needs of emerging digital professionals, and our M0Studio—a custom-built space where your artistic and creative skills come to life. You can gain experience while learning in a purpose-built drawing studio, with ample natural light and flexible configuration and layout with privacy screening for life model work.

ADD ONE OR TWO MINORS TO YOUR DEGREE

We have a wide range of minors on offer, which you can study alongside your chosen major. Adding a minor could boost your career prospects, expand your skills and help you explore another area you're interested in. Some of our minors include: Indonesian, Creative Writing and Japanese.
As an English and Creative Writing student you will…
• Develop your skills that make people laugh, cry and think from a new perspective.
• Learn to write in a range of literary and related genres. Think critically and creatively, apply knowledge and information, and communicate effectively.
• Learn from scholars and established writers, ranging from short story authors and novelists, to drama practitioners and performance theorists.
• Explore a wide range of literary, theoretical and dramatic texts, from the Renaissance to the present day.

You’ll learn
Professional writing and editing. Reading and writing in the online world, poetry, literature, imagination and politics and the approaches to reading and writing.

Where it will take you
You could become an author or editor and will be well prepared for employment in advertising, design, teaching, public administration, journalism, publishing, computer arts and many fields of business. Your future career options could include:
• Copywriter
• Editor
• Journalist
• Arts Administrator
• Professional Writer

What you need to know…

BACHELOR OF ARTS
TISC Code MUCAC
Course Code 81336
Duration 3 years
Selection Rank* 70
Intake Semester 1 and 2
Recommended ATAR Subjects N/A

*Minimum Selection Rank required for consideration

BACHELOR OF CREATIVE MEDIA
TISC Code MUCAC
Course Code 81343
Duration 3 years
Selection Rank* 70
Intake Semester 1 and 2
Recommended ATAR Subjects N/A

*Minimum Selection Rank required for consideration

As a Games Art and Design student you will…
• Explore games art and design processes, production concepts and industry-standard tools and techniques.
• Learn about animation, 3D modelling, concept art, and designing for mobile and virtual reality (VR) platforms.
• Learn how game designers create games and gamified systems around systems of play, how concept artists transform ideas into visuals, or how production artists create characters, props and terrains.
• Get experience in digital art workflows and design, and other industry practices.

You’ll learn
Advanced 3D character animation, mobile app and interaction design, virtual reality, platforms and publishing, critical games play and design and digital painting.

Where it will take you
You could work in various local and international businesses, as well as in web development. Your future career options could include:
• Concept or Technical Artist
• Animator
• Character or Environment Modeller
• Game or Level Designer
• Production or Lighting Artist

What you need to know…

BACHELOR OF ARTS
TISC Code MUCAC
Course Code 81336
Duration 3 years
Selection Rank* 70
Intake Semester 1 and 2
Recommended ATAR Subjects N/A

*Minimum Selection Rank required for consideration

BACHELOR OF CREATIVE MEDIA
TISC Code MUCAC
Course Code 81343
Duration 3 years
Selection Rank* 70
Intake Semester 1 and 2
Recommended ATAR Subjects Visual Arts

*Minimum Selection Rank required for consideration

As a Graphic Design student you will…
• Learn design strategy and practical skills for a range of print and digital media contexts.
• Master industry-specific software, critical design thinking, visual problem-solving and aesthetic production techniques.
• Work on real client projects to build a portfolio of digital, print and communication designs, building career skills such as working to a creative brief, developing a professional approach to client liaison and managing graphic design projects.

You’ll learn
Publication design, identity and branding, web and app design, interaction design and information and service design.

Want to be recognised?
As a graduate, you will be eligible to apply for Associate Status with the Design Institute of Australia (DIA) and the Australian Graphic Design Association (AGDA).

Where it will take you
When you graduate, you’ll have the skills and knowledge suitable for a career in graphic design. Your future career options could include:
• Graphic Designer
• Service Designer
• Digital or Web Designer
• Interaction Designer
• Publication and Prepress Designer

What you need to know…

BACHELOR OF ARTS
TISC Code MUCAC
Course Code 81336
Duration 3 years
Selection Rank* 70
Intake Semester 1 and 2
Recommended ATAR Subjects N/A

*Minimum Selection Rank required for consideration

BACHELOR OF CREATIVE MEDIA
TISC Code MUCAC
Course Code 81343
Duration 3 years
Selection Rank* 70
Intake Semester 1 and 2
Recommended ATAR Subjects N/A

*Minimum Selection Rank required for consideration

As a Photography student you will…
• Gain both theoretical and practical skills in photography and digital imaging, so you learn to create powerful and effective images for a range of audiences and genres.
• Develop a thorough understanding of critical photographic design and theory and the changing nature of the creative industries.

You’ll learn
Photographic technique, digital imaging and design, studio and lighting, visual literacy and documentary photography.

Want to be recognised?
Upon entering the industry you can apply to join various industry associations such as Australian Accredited Professional Photographers (AAPP), CAPS Photographer Accreditation Program or the Australian Photographers Association (APA).

Where it will take you
When you graduate, you’ll be well suited to careers in a range of industries and fields such as fashion, publications, advertising, professional photographic agencies, corporations, art, journalism, government and more. Your future career options could include:
• Photo Journalist
• Content Producer
• Professional Photographer
• Freelance Image Producer
• Professional Artist

What you need to know…

BACHELOR OF ARTS
TISC Code MUCAC
Course Code 81336
Duration 3 years
Selection Rank* 70
Intake Semester 1 and 2
Recommended ATAR Subjects N/A

*Minimum Selection Rank required for consideration

BACHELOR OF CREATIVE MEDIA
TISC Code MUCAC
Course Code 81343
Duration 3 years
Selection Rank* 70
Intake Semester 1 and 2
Recommended ATAR Subjects Visual Arts

*Minimum Selection Rank required for consideration
Screen Production
If you want to…
1. Work with real organisations on real projects and complete internships through our Work Integrated Learning program on-campus student creative consultancy MESH.
2. Build a portfolio of creative works throughout your degree.
3. Work with international award-winning film-makers who have more than 20 years’ combined experience.

What you need to know…
• Sound Designer or Editor
• Radio or Podcast Producer
• Sound Recordist or Boom Operator
• Foley Artist or Editor
• Audio or Live Sound Engineer

Where it will take you
Murdoch University is a member of the Australian Screen Production Education and Research Association.
Want to be recognised?
When you graduate, you’ll be ready for a career in a range of industries and fields such as media production, film and TV, online and subscriptions, festival and media events, screen writing and development and post-production houses. Your future career options could include:
• Director, Producer or Editor
• Production Designer or Manager
• Screen Writer
• Cinematographer
• Post Production or Visual Effects Artist

You’ll learn
• Explain the theory and production of sound across a range of creative industries.
• Learn how to work in a recording studio, exploring contemporary sound design and production.
• Explore the sound design and production process.
• Cover topics including recording, editing, mixing and remaking sound for music, film and television, sound design for interactive media, games and theatre, industrial sound design, and radio production.

Want to be recognised?
Murdoch University is a member of the Australian Screen Production Education and Research Association.
Where it will take you
When you graduate, you’ll be ready for a career in a range of industries and fields such as media production, film and TV, online and subscriptions, festival and media events, screen writing and development and post-production houses. Your future career options could include:
• Director, Producer or Editor
• Production Designer or Manager
• Screen Writer
• Cinematographer
• Post Production or Visual Effects Artist

You’ll learn
• Learn how to work in a recording studio, exploring contemporary sound design and production.
• Use our production facilities which include a real sound stage, recording studio, television studio, drama theatre and surround sound mixing suites to work on music, film, television, games and drama productions.
• Cover topics including recording, editing, mixing and remaking sound for music, film and television, sound design for interactive media, games and theatre, industrial sound design, and radio production.

Global Media and Communication
If you want to…
1. Navigate and equip yourself with all the communication and creative skills you need to succeed in an ever-changing global media industry.
2. Gain valuable experience through our on-campus student creative consultancy MESH.
3. Be led by industry professionals with vast experience and connections in a range of fields.

What you need to know…
• Campaign Specialist
• Communication Policy and Strategy Consultant
• Media and Communication Officer

Where it will take you
Social and mobile media, disruptions and innovations in communication, communicating global issues, globalisation and media audiences and governance.
Want to be recognised?
When you graduate, you’ll be ready for a career in a range of industries and fields such as media production, film and TV, online and subscriptions, festival and media events, screen writing and development and post-production houses. Your future career options could include:
• Director, Producer or Editor
• Production Designer or Manager
• Screen Writer
• Cinematographer
• Post Production or Visual Effects Artist

You’ll learn
• Develop new skills and gain experience as you analyse both traditional and digital media texts.
• Develop research skills that enable you to examine global media issues, cultural and media policies, and audience behaviour.
• Develop research skills that enable you to examine global media issues, cultural and media policies, and audience behaviour.
• Work on a communication project or take on a professional internship placement, to give you on-the-job, real-world experience.

You’ll learn
• Work on a communication project or take on a professional internship placement, to give you on-the-job, real-world experience.
• Develop new skills and gain experience as you analyse both traditional and digital media texts.
• Develop research skills that enable you to examine global media issues, cultural and media policies, and audience behaviour.
• Develop research skills that enable you to examine global media issues, cultural and media policies, and audience behaviour.
• Work on a communication project or take on a professional internship placement, to give you on-the-job, real-world experience.

Recommendation Rank
• Recommended ATAR Subjects: 70

Mark Moore
BACHELOR OF CREATIVE MEDIA (SOUND)
**Journalism**

If you want to...  
1. Follow in the footsteps of some of our students who have interned at major Perth newsrooms, including the ABC, The West, Channel Seven and The Fremantle Herald.  
2. Gain real-world experience through our on-campus student creative consultancy MESH.  
3. Embark on a career as a storyteller in the digital age.

As a Journalism student you will...  
- Develop the skills you need to thrive in the digital era of news and get a job in today's evolving media landscape.  
- Gain skills in practical reporting and writing, using social media and video journalism.  
- Learn how to use Adobe Photoshop, Premiere Pro and Audition and ways to capture stories from different angles.  
- Investigate the ethical, legal and cultural contexts of the media, analyse the influence journalism has on society, as well as the rapidly changing world of news delivery.

You'll Learn  
Digital news gathering and reporting, online and mobile journalism, digital media skills, TV news reporting and how to work in a digital newsroom.

Where it will take you  
When you graduate, you’ll have the skills to research, write and communicate effectively, all of which are useful in corporate and public sector settings. Your future career options could include:  
- Journalist  
- Freelance Writer  
- TV News Reporter or Producer  
- Foreign Correspondent  
- Radio Journalist or Presenter  
- Podcaster or Podcast-Host

**Strategic Communication**

If you want to...  
1. Work with real organisations on real projects as part of our Work Integrated Learning program.  
2. Develop an entrepreneurial attitude, client consultation skills and critical thinking so you can action your ideas.  
3. Work in an industry where strong future growth is expected for public relations, advertising and marketing professionals.

As a Strategic Communication student you will...  
- Learn how to communicate and engage with various stakeholders and audiences strategically.  
- Investigate the influences of media, mass communication and the newsroom on society.  
- Develop specialised communication skills and learn how to apply them in professional communication in the digital age.  
- Learn how to create and produce content, manage social media and develop public relations and communications strategies.  
- Social media management, consulting and freelancing, campaign management, communication strategy and planning, issues and crisis management.

Want to be recognised?  
The Strategic Communication major is accredited by the Public Relations Institute of Australia (PRIA).

Where it will take you  
When you graduate, you can choose from careers in strategic communication, public relations and specialised areas such as social media management, private offices and community relations.  
Your future career options could include:  
- Social Media Manager  
- Media Advisor  
- Public Relations Officer or Manager  
- Strategic Communication Manager  
- Sponsorship and Fundraising Coordinator  
- Community Relations Officer

**Web Communication**

If you want to...  
1. Learn from industry professionals and digital media researchers while working for real clients.  
2. Work in an industry where there is strong future growth for advertising, multimedia and web design professionals.

As a Web Communication student you will...  
- Learn to use data to inform the way you communicate across a variety of platforms and mediums.  
- Learn how to communicate and engage with various stakeholders and audiences strategically.  
- Learn to use data to inform the way you communicate across a variety of platforms and mediums.  
- Develop specialised communication skills and learn how to apply them in professional communication in the digital age.  
- Learn how to create and produce content, manage social media and develop public relations and communications strategies.  
- Want to be recognised?  
The Strategic Communication major is accredited by the Public Relations Institute of Australia (PRIA).

Where it will take you  
When you graduate, you might work in strategic communication, web design or digital marketing or in specialised areas such as social media management or search engine marketing and strategy.  
Your future career options could include:  
- Web Communication Specialist  
- Social Media Consultant  
- Consultant or Freelancer  
- Client Production Officer  
- Publication Design Professional  
- Online and Mobile Journalism Professional  
- Web Analytics Consultant

**Digital Media and Communication**

If you want to...  
1. Study at the only university in Western Australia to offer a degree where communication and digital media come to life.  
2. Learn the ins and outs of industry as you work with real organisations on real projects to create media productions and tackle communication issues.

As a Digital Media and Communication student you will...  
- Learn to use data to inform the way you communicate across a variety of platforms and mediums.  
- Use data and analytics to understand how modern communication works across the globe.  
- Develop digital and traditional communication skills and then learn how to apply them in a range of contexts from web communication, to social media, creative production and news media.

You’ll Learn  
The foundations of media theories, ethics and production, how to communicate to different audiences using different mediums produced in digital and traditional environments and how to solve complex problems using creative, technical and critical thinking skills.

Where it will take you  
You could work in a number of creative industries including publishing and communication, creative media or in digital sectors, to name a few. Your future career options could include:  
- Web Communication Specialist  
- Social Media Consultant  
- Consultant or Freelancer  
- Client Production Officer  
- Publication Design Professional  
- Online and Mobile Journalism Professional  
- Web Analytics Consultant
Get hands-on experience in our $10 million Bayer Pilot Plant
GRADUATE CAREER-READY WITH MORE THAN 450 HOURS OF WORK EXPERIENCE AS PART OF YOUR ENGINEERING DEGREE

In addition to the work experience you have as part of your degree, you’ll also have the chance to complete additional work placements, industry projects and work simulations. These practical experiences are your chance to see what your future career could be like, while gaining valuable experience and skills.

FIND YOUR PASSION

Not sure which of our Engineering majors is for you? Don’t worry, you won’t need to lock in your choice until the start of your second year. You’ll be able to learn about each area in your first year units before you decide.

GET INVOLVED WITH ENGINEERING PROGRAMS AND COMPETITIONS

As a Murdoch Engineering student, you could join an Engineers Without Borders program, such as the Humanitarian Design Summit, where you could travel to a developing country to learn how you can use your skills to create positive change within communities. You could also compete in industry competitions like the Unearthed Hackathon, where you will work with fellow students to solve real industry challenges and showcase your engineering work.

LEARN IN REAL-WORLD ENVIRONMENTS

This includes our renewable energy research facilities, power engineering lab and $10 million Bayer Pilot Plant—a real-world engineering plant that is the only one of its kind in WA.

The best of Engineering

5 star rating
for overall experience, student support, teaching quality, learner engagement and median graduate starting salary for engineering and technology
GOOD UNIVERSITIES GUIDE 2021

Highest rated
for median graduate starting salary for engineering and technology
GOOD UNIVERSITIES GUIDE 2021

Accredited
Our engineering degrees are accredited by Engineers Australia, the Australian Industry body for engineering

Electrical Power Engineering

If you want to…
1. Gain the skills you need to develop reliable, efficient and sustainable power systems for the next generation.
2. Travel overseas to create positive change through our Engineers Without Borders program.
3. Get hands-on experience with the power engineering lab, containing both electrical machines and power electronics modules.

As an Electrical Power Engineering student you will…
• Explore power systems, including power generators and motors, power electronics, transmission and distribution networks and power systems operations.
• Learn how to effectively design and plan smart power systems to increase reliability and stability of power supply.
• Develop models for an interconnected power system to analyse different fault conditions.
• Complete an engineering project in your final year under the guidance of an experienced supervisor.

You’ll learn
Electrical and electronic circuits, power transmission and distribution networks, power systems protection, control and safety, smart power systems design and planning, engineering finance, and management and law.

Want to be recognised?
Electrical Power Engineering is accredited by Engineers Australia. As a graduate, you can become a graduate member of Engineers Australia. You could become a Full Chartered Professional Engineer after a further three to five years of engineering work experience.

Where it will take you
Graduating with a major in Electrical Power Engineering will open the door to a wide range of career opportunities. Your future career options could include:
• Electrical Engineer
• Electrical Power Systems Operator and Designer
• Electrical Power Systems Planner and Analyst
• High Voltage and Low Voltage Engineer
• Energy Systems Designer

What you need to know…

BACHELOR OF ENGINEERING HONOURS
TISC Code MUENG
Course Code H256
Duration 4 years
Selection Rank* 80

Recommended ATAR Subjects
Mathematics Specialist, Physics
Chemistry, Mathematics Methods, Mathematics Specialist

*Minimum Selection Rank required for consideration

Renewable Energy Engineering

If you want to…
1. Get experience at Murdoch’s Renewable Energy Systems Laboratory, which houses grid-connected solar-power systems.
2. Travel overseas to create positive change through our Engineers Without Borders program.
3. Gain 450 hours of real-work experience as part of your degree.

As a Renewable Energy Engineering student you will…
• Learn how to apply your thinking to help address global energy challenges.
• Learn how to design, analyse, plan, commission and test a wide range of renewable energy systems, including photovoltaic; wind, hydro, biomass and solar-thermal.
• Complete an engineering project in your final year under the guidance of an experienced supervisor.

You’ll learn
Energy supply and management, applied photovoltaics, wind and hydro power systems, solar thermal and biomass engineering, and renewable energy systems engineering.

Want to be recognised?
Renewable Energy Engineering is accredited by Engineers Australia. As a graduate, you can become a graduate member of Engineers Australia. You could become a Full Chartered Professional Engineer after a further three to five years of engineering work experience.

Where it will take you
Graduating with a major in Renewable Energy Engineering will give you the skills that are in high demand for a career in power generation and distribution. Your future career options could include:
• Renewable Energy Engineer
• Renewable Energy Systems Designer
• Power Systems Engineer
• Renewable Resource Analyst
• Energy Efficiency Consultant

As an Electrical Power Engineering student you will…
• Explore power systems, including power generators and motors, power electronics, transmission and distribution networks and power systems operations.
• Learn how to effectively design and plan smart power systems to increase reliability and stability of power supply.
• Develop models for an interconnected power system to analyse different fault conditions.
• Complete an engineering project in your final year under the guidance of an experienced supervisor.

You’ll learn
Electrical and electronic circuits, power transmission and distribution networks, power systems protection, control and safety, smart power systems design and planning, engineering finance, and management and law.

Want to be recognised?
Electrical Power Engineering is accredited by Engineers Australia. As a graduate, you can become a graduate member of Engineers Australia. You could become a Full Chartered Professional Engineer after a further three to five years of engineering work experience.

Where it will take you
Graduating with a major in Electrical Power Engineering will open the door to a wide range of career opportunities. Your future career options could include:
• Electrical Engineer
• Electrical Power Systems Operator and Designer
• Electrical Power Systems Planner and Analyst
• High Voltage and Low Voltage Engineer
• Energy Systems Designer

What you need to know…

BACHELOR OF ENGINEERING HONOURS
TISC Code MUENG
Course Code H256
Duration 4 years
Selection Rank* 80

Recommended ATAR Subjects
Mathematics Specialist, Physics
Chemistry, Mathematics Methods, Mathematics Specialist

*Minimum Selection Rank required for consideration

Renewable Energy Engineering

If you want to…
1. Get hands-on experience in our $10 million Bayer Pilot Plant – the only one of its kind in Western Australia.
2. Take on another major from a different study area to broaden your understanding of how science applies in social, business, health and policy environments.
3. Travel overseas to create positive change through our Engineers Without Borders program.

As an Engineering Technology student you will…
• Gain practical experience, engage with industry and learn from experts to build a deep understanding of engineering technology.
• Develop the ability to design, manufacture, install, commission, operate and maintain plants and equipment.
• Specialise in a range of engineering study areas, including electrical power or renewable energy.
• Be able to apply to transfer to a Bachelor of Engineering degree after completing the first year of your Bachelor of Engineering Technology course.

You’ll learn
Electrical and electronic circuits, energy, mass and flow control systems and process dynamics, instrument and communication systems, electrical power systems, and wind and hydro power systems.

Want to be recognised?
Renewable Energy Engineering is accredited by Engineers Australia. As a graduate, you can become a graduate member of Engineers Australia. You could become a Full Chartered Professional Engineer after a further three to five years of engineering work experience.

Where it will take you
Graduating with a major in Renewable Energy Engineering will give you the skills that are in high demand for a career in power generation and distribution. Your future career options could include:
• Renewable Energy Engineer
• Renewable Energy Systems Designer
• Power Systems Engineer
• Renewable Resource Analyst
• Energy Efficiency Consultant

As a Renewable Energy Engineering student you will…
• Learn how to apply your thinking to help address global energy challenges.
• Learn how to design, analyse, plan, commission and test a wide range of renewable energy systems, including photovoltaic; wind, hydro, biomass and solar-thermal.
• Complete an engineering project in your final year under the guidance of an experienced supervisor.

You’ll learn
Energy supply and management, applied photovoltaics, wind and hydro power systems, solar thermal and biomass engineering, and renewable energy systems engineering.

Want to be recognised?
Renewable Energy Engineering is accredited by Engineers Australia. As a graduate, you can become a graduate member of Engineers Australia. You could become a Full Chartered Professional Engineer after a further three to five years of engineering work experience.

Where it will take you
Graduating with a major in Renewable Energy Engineering will give you the skills that are in high demand for a career in power generation and distribution. Your future career options could include:
• Renewable Energy Engineer
• Renewable Energy Systems Designer
• Power Systems Engineer
• Renewable Resource Analyst
• Energy Efficiency Consultant

As an Electrical Power Engineering student you will…
• Explore power systems, including power generators and motors, power electronics, transmission and distribution networks and power systems operations.
• Learn how to effectively design and plan smart power systems to increase reliability and stability of power supply.
• Develop models for an interconnected power system to analyse different fault conditions.
• Complete an engineering project in your final year under the guidance of an experienced supervisor.

You’ll learn
Electrical and electronic circuits, power transmission and distribution networks, power systems protection, control and safety, smart power systems design and planning, engineering finance, and management and law.

Want to be recognised?
Electrical Power Engineering is accredited by Engineers Australia. As a graduate, you can become a graduate member of Engineers Australia. You could become a Full Chartered Professional Engineer after a further three to five years of engineering work experience.

Where it will take you
Graduating with a major in Electrical Power Engineering will open the door to a wide range of career opportunities. Your future career options could include:
• Electrical Engineer
• Electrical Power Systems Operator and Designer
• Electrical Power Systems Planner and Analyst
• High Voltage and Low Voltage Engineer
• Energy Systems Designer

What you need to know…

BACHELOR OF ENGINEERING HONOURS
TISC Code MUENG
Course Code H256
Duration 4 years
Selection Rank* 80

Recommended ATAR Subjects
Mathematics Specialist, Physics
Chemistry, Mathematics Methods, Mathematics Specialist

*Minimum Selection Rank required for consideration

Engineering Technology

If you want to…
1. Gain practical experience, engage with industry and learn from experts to build a deep understanding of engineering technology.
• Develop the ability to design, manufacture, install, commission, operate and maintain plants and equipment.
• Specialise in a range of engineering study areas, including electrical power or renewable energy.
• Be able to apply to transfer to a Bachelor of Engineering degree after completing the first year of your Bachelor of Engineering Technology course.

You’ll learn
Electrical and electronic circuits, energy, mass and flow control systems and process dynamics, instrument and communication systems, electrical power systems, and wind and hydro power systems.

Want to be recognised?
Renewable Energy Engineering is accredited by Engineers Australia. As a graduate, you can become a graduate member of Engineers Australia. You could become a Full Chartered Professional Engineer after a further three to five years of engineering work experience.

Where it will take you
Graduating with a major in Renewable Energy Engineering will give you the skills that are in high demand for a career in power generation and distribution. Your future career options could include:
• Renewable Energy Engineer
• Renewable Energy Systems Designer
• Power Systems Engineer
• Renewable Resource Analyst
• Energy Efficiency Consultant

As an Electrical Power Engineering student you will…
• Explore power systems, including power generators and motors, power electronics, transmission and distribution networks and power systems operations.
• Learn how to effectively design and plan smart power systems to increase reliability and stability of power supply.
• Develop models for an interconnected power system to analyse different fault conditions.
• Complete an engineering project in your final year under the guidance of an experienced supervisor.

You’ll learn
Electrical and electronic circuits, power transmission and distribution networks, power systems protection, control and safety, smart power systems design and planning, engineering finance, and management and law.

Want to be recognised?
Electrical Power Engineering is accredited by Engineers Australia. As a graduate, you can become a graduate member of Engineers Australia. You could become a Full Chartered Professional Engineer after a further three to five years of engineering work experience.

Where it will take you
Graduating with a major in Electrical Power Engineering will open the door to a wide range of career opportunities. Your future career options could include:
• Electrical Engineer
• Electrical Power Systems Operator and Designer
• Electrical Power Systems Planner and Analyst
• High Voltage and Low Voltage Engineer
• Energy Systems Designer

What you need to know…

BACHELOR OF ENGINEERING HONOURS
TISC Code MUENG
Course Code H256
Duration 4 years
Selection Rank* 80

Recommended ATAR Subjects
Mathematics Specialist, Physics
Chemistry, Mathematics Methods, Mathematics Specialist

*Minimum Selection Rank required for consideration

Dylan Kepler
BACHELOR OF ENGINEERING HONOURS (ELECTRICAL POWER ENGINEERING AND RENEWABLE ENERGY ENGINEERING)

“After studying at two other Perth universities, I chose to study at Murdoch because of the friendly vibe on-campus. The Murdoch culture is about community, teamwork and helping each other out. The engineering courses offered at Murdoch are in line with the future of industry. Unlike other universities, Murdoch is focussed on preparing us for what the industry will be, not what it currently is. My main interest was in renewable energy engineering as caring for the environment is one of my core values. I decided to add electrical power engineering to my degree as I felt that both majors went hand in hand.”
Health

BACHELOR OF FOOD SCIENCE AND NUTRITION
Food Science and Nutrition 66

BACHELOR OF LABORATORY MEDICINE
Laboratory Medicine 67

BACHELOR OF NURSING
Nursing 68

BACHELOR OF SCIENCE (CHIROPRACTIC SCIENCE)/BACHELOR OF CLINICAL CHIROPRACTIC
Chiropractic Science and Clinical Chiropractic 69

BACHELOR OF SCIENCE (MEDICAL, MOLECULAR AND FORENSIC SCIENCES)
Biomedical Science 69
Clinical Laboratory Science 70
Forensic Biology and Toxicology 71
Genetics and Molecular Biology 71

BACHELOR OF ARTS OR BACHELOR OF SCIENCE
How to become a registered psychologist 72
Psychology (Bachelor of Arts or Bachelor of Science) 73

BACHELOR OF SPORT AND EXERCISE SCIENCE
Sport and Exercise Science 73

Improve community health in the heart of the Murdoch Health and Knowledge Precinct
STUDY IN THE HEART OF OUR HEALTH PRECINCT

As a Murdoch student, you’ll learn in the heart of Perth’s health precinct. You’ll benefit from the strong partnerships we have with our neighbours, including the $200 million Murdoch Health and Knowledge Precinct, Fiona Stanley and St John of God hospitals, the Institute for Immunology and Infectious Diseases, the Australian National Phenome Centre, the Perron Institute for Neurological and Translational Science, and the Centre for Molecular Medicine and Innovative Therapeutics.

LEARN FROM OUR HEALTH EXPERTS

Learn from our nursing and clinical simulation expert, Prue Andrus, who has won multiple awards for teaching, including Western Australia’s top nursing educator of the year in 2017. Our specialist in psychology and cognitive processes, Dr Matthew Thompson, can help you understand how we make decisions as human beings, and share with you his research that was presented to the former President of the United States, Barack Obama. Our sports and exercise science expert, Dr Brad Wall, who’s implemented exercise treatments for cancer patients, athletes and clinical populations, can teach you about the benefits of exercise throughout the lifespan.

GAIN REAL-WORLD EXPERIENCE BEFORE YOU GRADUATE

We work closely with our healthcare partners to give you the best preparation for real-life with work experience in hospitals, aged care, sport associations and community settings throughout Western Australia.

We have a range of partnerships with leading organisations, including the Western Australian Cricket Association, Western Australian Institute of Sport, several WAFL teams, the Western Australian Police Academy, various privately-owned businesses and community-owned recreation and leisure centres.

STUDY IN OUR NURSING SIMULATION SUITES

Both our Mandurah and Perth campuses house state-of-the-art nursing facilities, comprised of authentic simulated learning environments, treatment areas and simulation suites. You will prepare for your real-life placements by practicing your skills on lifelike, high-tech mannequins suited to prepare you for your real-life placements by practicing your skills on lifelike, high-tech mannequins.

STUDY IN OUR LABORATORY MEDICINE INSTRUMENTATION SUITE

Our Laboratory Medicine Instrumentation Suite has state-of-the-art automation, as found in real industry. You’ll use this lab to learn how to diagnose and monitor the treatment of human disease.

GAIN INDUSTRY EXPERIENCE IN OUR LABORATORY MEDICINE INSTRUMENTATION SUITE

Our Laboratory Medicine Instrumentation Suite has state-of-the-art automation, as found in real industry. You’ll use this lab to learn how to diagnose and monitor the treatment of human disease.

5 star rating
for overall experience, student support and teaching quality, health services, learner engagement, overall experience, skills development and teaching quality for nursing.

GOOD UNIVERSITIES GUIDE 2021

Get hands-on
as a nursing student you’ll complete 12 weeks of work experience in hospitals, aged care and community settings throughout WA.

Job growth
expected for health and welfare services managers, nurse managers, registered nurses, creative art therapists, nurse practitioners, and counsellors.

AUSTRALIAN GOVERNMENT (GROWTH 2021)

FEATURED COURSE

BACHELOR OF SPORT AND EXERCISE SCIENCE/GRADUATE DIPLOMA IN CLINICAL EXERCISE PHYSIOLOGY

Turn your fitness and health passion into a rewarding career.

In this integrated four-year course you’ll learn to develop, implement and manage physical activity and behavioural programs for healthy clients as well as those living with a range of chronic conditions. You’ll develop your skills in our state-of-the-art facilities including our exercise physiology lab, strength and conditioning lab and performance lab with 3D motion capture. In your final year gain hands-on experience by completing an industry practicum ranging from community gyms to professional local sporting teams.

Why study Sport and Exercise Science and Clinical Exercise Physiology at Murdoch?

1. Enrol in the only course of its type in WA. We are home to WA’s only integrated four-year Exercise Physiology degree where you’ll graduate as an accredited exercise physiologist with 360 hours of practicum experience.

2. Graduate industry ready. Benefit from our unique, industry placements on offer with the Western Australian Institute of Sport, WA Police Academy, Western Australian Cricket Association, WA Football League clubs, Perth Lynx and Tennis West.

3. Learn from leading academics. You’ll learn from specialists in their field, including Dr Brad Wall, who’s developed exercise treatments for athletes, clinical populations and cancer patients. He’ll teach you about the benefits of physical activity throughout the lifespan.
Food Science and Nutrition

If you want to...

1. Learn about the role of food and nutrition in human performance, health and wellbeing, and illness prevention.
2. Prepare for a career relating to the promotion of health at individual and community levels.
3. Build your skills in human nutrition, evidence-based food and nutrition practice, food science and food product development.

As a Food Science and Nutrition student you will...

- Study in the heart of the Murdoch Health Precinct, which includes public and private hospitals and the Australian National Phenome Centre.
- Take advantage of our living labs to grow your food production research knowledge, including at our Whitley Falls farm.
- Grow your industry connections as you interact with researchers and scientists, with strong industry links, from Murdoch’s world-class research centres.
- Study subjects including chemistry, biochemistry, human physiology, principles of nutrition, nutrition and disease, food science and food product development.

You’ll learn...

- The role of food and nutrition in human health and illness prevention, food composition knowledge and cooking/culinary skills, novel food product design, the role of food and nutrition in sport performance and cognitive performance, and an understanding of food and its impacts on the human microbiome.

Where it could take you

When you graduate from this course you are likely to find work in a health field, in the food sector or a human nutrition science field. Your future career options could include:

- Nutritionist or Public Health Nutritionist
- Food Scientist or Technologist
- Product Manager
- Food Safety Officer
- Food Marketing and Food Media
- Manager in educational health and wellbeing and community programs

Laboratory Medicine

If you want to...

1. Develop skills in the handling of patient material, laboratory testing and analysing clinical results.
2. Study in a major health precinct including three hospitals and a medical research institute.
3. Learn on the latest instrumentation as part of our extensive hands-on practical training, including industry placements within diagnostic pathology laboratories.

As a Laboratory Medicine student you will...

- Complete a four-year degree including work integrated learning in diagnostic pathology laboratories.
- Learn from academics with an open-door policy, so you can get the help and advice you need to succeed.
- Learn by doing, with laboratory content throughout the course to ensure you acquire practical skills and reinforce theoretical principles.

You’ll learn...

- Clinical microbiology, clinical biochemistry, clinical haematology, pathological aspects of disease and diagnostic genomics.

Want to be recognised?

This course is recognised by the Australian Institute of Medical Scientists (AIMS).

Where it will take you

Pursue a range of roles in public or private diagnostic pathology, research or working in laboratories as a technician. You could also explore the fields of medical and life science research, marketing, media and academia, or take on further studies in medicine, pharmacy, dentistry and veterinary science. Your future career options could include:

- Medical Scientist
- Technical Officer
- Laboratory Technician
- Research Scientist
- Medical Representative

Natasha Gill

BACHELOR OF LABORATORY MEDICINE / BACHELOR OF SCIENCE (LABORATORY MEDICINE AND FORENSIC BIOLOGY AND TOXICOLOGY)
I wanted to become a nurse because I have seen the impact that nurses have on those who require care. I want to be the reason that patients are able to feel safe and supported while they’re unwell. I love nursing because no two patients are the same. I have had the opportunity to hear stories from all ages, learn incredible life lessons and cry with them during times of need. I want to be the reason that nurses have on those who require support while they’re unwell. I love patients are able to feel safe and cared for. I want to be the reason that nurses have on those who require support while they’re unwell. I love patients are able to feel safe and cared for.

BACHELOR OF NURSING

If you want to...
1. Build a career out of making a difference to people’s lives.
2. Learn the skills needed to become a Registered Nurse.
3. Complete 18 weeks of work experience in hospitals, aged care and community settings throughout Western Australia.

As a Nursing student you will...
- Combine the professional person-centred approach of nursing with psychosocial and biological sciences.
- Benefit from the combined knowledge of lecturers who have worked across the globe treating patients and administering health care.
- Gain life-time access to a web-based ePortfolio, to showcase your knowledge and experience for prospective employers when you graduate.
- Gain experience in state-of-the-art simulated learning environments so you’ll graduate career ready.

Want to be recognised?
This course is accredited by the Australian Nursing and Midwifery Accreditation Council (ANMAC).

Where it will take you
Once you are registered to practice as a nurse you can pursue a career in a wide variety of clinical, leadership and research roles, in settings including acute care hospitals, the community, industry, rural and remote areas, and aged care. Your future career options could include:
- Acute Care Nurse
- Aged Care Nurse
- Community Nurse
- Mental Health Nurse

Want to be recognised?
This course is accredited by the Australian Nursing and Midwifery Accreditation Council (ANMAC).

Where it will take you
Once you are registered to practice as a nurse you can pursue a career in a wide variety of clinical, leadership and research roles, in settings including acute care hospitals, the community, industry, rural and remote areas, and aged care. Your future career options could include:
- Acute Care Nurse
- Aged Care Nurse
- Community Nurse
- Mental Health Nurse

Chiropractic Science and Clinical Chiropractic

If you want to...
1. Study the only fully-accredited chiropractic course in Western Australia.
2. Develop the commercial skills needed to run your own practice.
3. Gain hands-on experience working in our purpose-built, on-campus chiropractic and rehabilitation clinic where you’ll treat members of the public.

As a Chiropractic Science and Clinical Chiropractic student you will...
- Learn how to recognise the signs and symptoms of various disorders involving the musculoskeletal system and related pain syndromes.
- Develop well-rounded scientific and clinical skills required, so you graduate ready to work.
- First complete a three-year Bachelor of Chiropractic Science, giving you the knowledge you need in human biological sciences and introducing you to chiropractic skills and theory. You then progress to the two-year Bachelor of Clinical Chiropractic where you will learn the skills you need to practice as a primary contact healthcare professional.

You’ll learn
The complexities of health and illness across the lifespan, professional, legal and socio-cultural health influences, and the technical skills required in the provision of high-quality nursing care.

Want to be recognised?
With a degree accredited by the Council on Chiropractic Education Australasia (CCEA), you will be eligible for registration in Australia, New Zealand and many other parts of the world.

Where it will take you
You’ll graduate with the internationally-recognised qualifications you need to become a registered healthcare professional in Australia and other countries. Your future career options could include:
- Registered Chiropractor in private practice
- Academic work in the tertiary education sector
- Researcher within a university setting or private facility
- Consultant to government and non-governmental organisations, health policy panels and regulatory bodies

Biomedical Science

If you want to...
1. Study in the heart of the Murdoch Health Precinct, which includes three hospitals and a medical research institute.
2. Grow your industry connections with strong industry links from Murdoch’s world-class research centres.
3. Learn among researchers who have been ranked as well above world standard for medical and health sciences, immunology and medical microbiology (source ERA, 2018).

As a Biomedical Science student you will...
- Explore a variety of disciplines including physiology, microbiology, immunology, cell biology, biochemistry and pathology.
- Broaden your scope by including other areas of study such as anatomy, parasitology, haematology, histology and pharmacology.
- Complete extensive hands-on practical classes guided by lecturers who are making a real-world impact with their research.
- Learn both broad-based and specific laboratory techniques needed in the medical sciences, including cutting-edge advancements in modern medical research.

You’ll learn
Cell biology (structure and function of cells), medical microbiology (bacteria, viruses and fungi that cause disease), medical immunology and molecular genetics (how the body defends itself against infection and how genetics is important in medical science), biomedical physiology (how body systems function) and pathological basis of disease (causes and effects of diseases including cancer).

Where it will take you
When you graduate, you could pursue a career in various medical and health related fields. Your future career options could include:
- Medical Researcher
- Medical Biotechnologist
- Laboratory Technologist (in hospitals, medical research institutes or universities)
- Biomedical Sales and Marketing Specialist
- Human Biology Teacher (with further study)

What you need to know...

What you need to know...

What you need to know...
Clinical Laboratory Science

If you want to...
1. Study in the Murdoch Health Precinct, which includes the Institute for Immunology and Infectious Diseases.
2. Gain hands-on laboratory experience to help you develop your practical skills and reinforce the theory you learn.
3. Prepare for the workforce or further study as you learn about the latest advances in modern diagnostic science.

As a Clinical Laboratory Science student you will...
- Explore medical technology and work in practical laboratories to gain skills needed to analyse, diagnose and research human diseases.
- Examine disease processes and learn the technical skills needed to handle patient material collected in hospitals, surgeries and forensic investigations.
- Perform clinical testing and analyse and report results.
- Learn about human biology, cell and molecular biology, molecular genetics.
- Study a range of clinical laboratory disciplines including microbiology, immunology, biochemistry and haematology.

You’ll learn
Clinical microbiology, histopathology, haematology, diagnostic genomics and clinical immunology.

Where it will take you
Clinical laboratory science will allow you to pursue a career in health-related fields. Your future career options could include:
- Laboratory Technician
- Technical Officer
- Medical Researcher
- Laboratory Assistant
- Research Scientist

Forensic Biology and Toxicology

If you want to...
1. Work with international and local organisations on real projects as part of our Work Integrated Learning program.
2. Get hands-on experience as you apply DNA sequencing and other forensic techniques from the lab to simulated crime scenes.
3. Study analytical techniques in our state-of-the-art laboratory, which is part of the Australian National Phenome Centre.

As a Forensic Biology and Toxicology student you will...
- Investigate a murder case, in your final year, including examining the crime scene and presenting evidence in a courtroom.
- Explore DNA sequencing and work on simulated crime scenes on and off campus.
- Study the pathology of asphyxiation, electrocution, gunshot wounds and the injuries associated with fatal fires.
- Learn witness imaging techniques, with hands-on training in facial approximation.
- Learn how to recognise blunt and sharp force injuries and the weapons that cause them.

You’ll learn
Forensic science and miscarriages of justice, crime scene investigation, forensic DNA analysis, forensic anatomy and anthropology and forensic toxicology.

Where it will take you
You could pursue a range of roles in Australia or overseas. Your future career options could include:
- Crime Scene Officer
- Forensic Biologist
- Forensic Investigator
- Forensic Toxicologist
- Wildlife Forensics Officer

Genetics and Molecular Biology

If you want to...
1. Study among our world-class molecular research centres, including the Institute for Immunology and Infectious Diseases.
2. Learn among researchers who have been ranked ‘above world standard for immunology and genetics.
3. Learn by doing, with laboratory content throughout the course so you’ll learn practical skills and reinforce theoretical principles.

As a Genetics and Molecular Biology student you will...
- Learn how to solve problems at the molecular level, with the most up-to-date knowledge and training in molecular genetics.
- Gain the molecular biology skills to analyse molecular samples and learn how to apply them across a range of fields.
- Get hands-on laboratory experience to learn practical skills which reinforce the theory you’ve learned.

You’ll learn
Cell biology (structure and function of cells), genetics and evolution (studying the evolution of life and population development), microbiology (bacteria, viruses and fungi, important in industrial, ecological, agricultural and medical settings), genetic engineering (construction and uses of GMOs and associated ethical considerations), biochemistry (importance of molecules in cell function) and systems biology (holistic approach to understanding biological functions).

Where it will take you
You’ll be prepared for a career working in hospitals, research organisations such as the CSIRO and medical research centres, universities and agriculture departments, biotechnology and food processing industries. Your future career options could include:
- Molecular Biologist
- Bioinformatician
- Genetic Engineer
- Molecular Biotechnologist
- Research Scientist or University Academic

What you need to know...

<table>
<thead>
<tr>
<th>BACHELOR OF SCIENCE (MEDICAL, MOLECULAR AND FORENSIC SCIENCES)</th>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSCL</td>
<td>B1380</td>
<td></td>
<td>3 years</td>
<td>70</td>
</tr>
<tr>
<td>Intake Semester 1 and 2</td>
<td>Recommended ATAR Subjects</td>
<td>Biology in Human Biology, Chemistry, Mathematics Applications</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

Recommended ATAR Subjects
- Chemistry
- Mathematics Applications

What you need to know...

<table>
<thead>
<tr>
<th>BACHELOR OF SCIENCE (MEDICAL, MOLECULAR AND FORENSIC SCIENCES)</th>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSFB</td>
<td>B1380</td>
<td></td>
<td>3 years</td>
<td>70</td>
</tr>
<tr>
<td>Intake Semester 1 and 2</td>
<td>Recommended ATAR Subjects</td>
<td>Biology in Human Biology, Chemistry, Mathematics Applications</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

Recommended ATAR Subjects
- Chemistry
- Mathematics Applications

What you need to know...

<table>
<thead>
<tr>
<th>BACHELOR OF SCIENCE (MEDICAL, MOLECULAR AND FORENSIC SCIENCES)</th>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSFL</td>
<td>B1380</td>
<td></td>
<td>3 years</td>
<td>70</td>
</tr>
<tr>
<td>Intake Semester 1 and 2</td>
<td>Recommended ATAR Subjects</td>
<td>Biology in Human Biology, Chemistry, Mathematics Applications</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

Recommended ATAR Subjects
- Chemistry
- Mathematics Applications

---
Is your goal to become a registered psychologist?

Becoming a registered psychologist in Australia takes a minimum of six years, but there are a few different options to get you there. When people say “I’m a psychologist” in Australia, it means they’ve completed a minimum of six years of study and work experience, and have successfully registered with the Psychology Board of Australia (PBA). Just like doctors, nurses and lawyers, it’s a legal requirement to be registered with the respective professional body before you can practise.

**STEP 1** Years 1-3
Complete an accredited three-year undergraduate psychology course
Murdock offers the Bachelor of Arts or Science in Psychology

**STEP 2** Year 4
Complete an accredited Honours year
Murdock offers the Bachelor of Arts or Science in Psychology Honours

**STEP 3**
Apply for provisional registration with the Psychology Board of Australia
OR
Complete an accredited fourth year in Psychology
Murdock offers the Graduate Diploma in Psychology

**OPTION 1** Year 5+
Doctoral degree
Murdock offers the Doctor of Psychology and the Master of Applied Psychology + Doctor of Philosophy

**OPTION 2** Years 5 + 6
Standard higher degree
Murdock offers the Master of Applied Psychology (Clinical)

**OPTION 3** Years 5 + 6
5 + 1 pathway (1-year study + 1-year internship)
Murdock offers the Master of Applied Psychology (Professional)

Apply for full registration with the Psychology Board of Australia

Want to be recognised?
The Bachelor of Science and Arts in Psychology is accredited by the Australian Psychology Accreditation Council (APAC). The Bachelor of Science is accredited by the Australian Psychology Accreditation Council (APAC). The Bachelor of Arts is accredited by the Australian Psychology Accreditation Council (APAC).

Where it will take you
A Bachelor of Arts or Bachelor of Science in Psychology will give you an in-depth understanding of human behaviour that you can use across many industries. Your future career options could include:

- Psychologist (with further study)
- Human Resources or Marketing Officer
- Manager
- Researcher

What you need to know...

**BACHELOR OF ARTS OR BACHELOR OF SCIENCE**

<table>
<thead>
<tr>
<th>TSG Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUAPC</td>
<td>B1336</td>
<td>3 years</td>
<td>N/A</td>
</tr>
<tr>
<td>MUAPC</td>
<td>B1339</td>
<td>3 years</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Intake</th>
<th>Recommended ATAR Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1 and 2</td>
<td>Physical Education Studies</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

As a Psychology student you will...

- Choose to take psychology as either a Bachelor of Arts or a Bachelor of Science.
- Learn about all the major fields in psychology, including human cognition development, biological, social, and cultural influences, abilities and disabilities, psychological disorders and cognitive neuroscience.
- Examine leading-edge research and practical applications to explore how we make sense of ourselves.

You’ll learn

- Social and interpersonal relations, how people think, plan, remember and make decisions, how human beings change and develop through the lifespan; how society, culture and the people around us influence our behaviour, how individuals differ in their personality and talents, how biology influences behaviour, what causes psychological disorders and how psychologists can help, techniques for investigating people’s thoughts, feelings and behaviour and techniques for investigation of the human brain.

Want to be recognised?
The Bachelor of Science and Arts in Psychology is accredited by the Australian Psychology Accreditation Council (APAC).

Where it will take you
A Bachelor of Science or Bachelor of Arts in Psychology will give you an in-depth understanding of human behaviour that you can use across many industries. Your future career options could include:

- Psychologist (with further study)
- Human Resources or Marketing Officer
- Manager
- Researcher

What you need to know...

**BACHELOR OF SPORT AND EXERCISE SCIENCE**

<table>
<thead>
<tr>
<th>TSG Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSSC</td>
<td>B1348</td>
<td>3 years</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Intake</th>
<th>Recommended ATAR Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1 and 2</td>
<td>Physical Education Studies</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

As a Sport and Exercise Science student you will...

- Benefit from our partnership with the Western Australia Cricket Association and learn from academicians who are actively researching professional sports.
- Become experienced in prescription exercise, as well as assessing and improving the movement of both athletes and the general population.
- Have the chance to gain experience in a range of settings from community gyms to professional sporting teams.
- Put your knowledge and skills to the test in your third year through an industry placement.

You’ll learn

- The research behind sport and exercise science, sports psychology, functional human anatomy and biomechanics, measurement and manipulation of exercise motor skills, exercise programming and prescription and rehabilitation.

Want to be recognised?
On graduation, you will be able to register with Exercise and Sports Science Australia (ESSA) as an Exercise Scientist, and be able to apply for entry into the Graduate Diploma in Clinical Exercise Physiology to become an Accredited Exercise Physiologist (AEP).

Where it will take you
With a major in Sport and Exercise Science, you could pursue a variety of roles in sports academies, institutes of sports, university sport science labs and professional and amateur sporting clubs. Your future career options could include:

- Sport or Exercise Scientist
- Strength and Conditioning Coach
- Sport and Recreation Officer
- Sports Development Officer
- Community Education Officer

What you need to know...
Examine crime from a range of perspectives

Law & Criminology

BACHELOR OF CRIMINOLOGY

Crime Science 78
Criminal Behaviour 78
Legal Studies 79
White Collar and Corporate Crime 80

BACHELOR OF LAWS

Law 81
Law (Graduate Entry) 83
BENEFIT FROM REAL-WORLD LEGAL EDUCATION

Don’t wait until you graduate to gain hands-on experience in a real legal setting. You can benefit from clinics at Murdoch to develop your legal skills and deepen your knowledge of the law in context, while providing vital legal services to the community.

Our 20+ year partnership with SCALES Community Legal Centre means you can work on real cases, gaining invaluable experience before you graduate. You will have the opportunity to research and formulate advice for real clients, under the supervision of a qualified solicitor and teaching staff.

We also collaborate with the Aboriginal Family Law Service, offering services to rural and remote Indigenous women experiencing family violence.

JOIN ONE OF THE LARGEST AND MOST SUCCESSFUL LAW MOOTING PROGRAMS IN WA

The Murdoch Mooting Program is a high quality and innovative program that provides you with the opportunity to develop your practical legal skills in a real-world setting.

You could take part in simulated court proceedings, as well as local, national and international mooting competitions. Our teams hone their skills in our Herbert Smith Freehills Moot Court, which is set up just like a real courtroom, and they compete in more competitions than any other law school in the state.

WORK FOR REAL CLIENTS TO BUILD YOUR CV

Prepare yourself for the workforce and gain valuable experience while working with our industry placement Work Integrated Learning program. You could work with some of Western Australia’s and Australia’s leading businesses, government departments, city and shire offices, law firms and not-for-profit organisations.

You could even be offered employment by the organisation you work with.

LEARN FROM LEADING CRIMINOLOGY ACADEMICS WITH REAL-WORLD EXPERIENCE

Studying a Bachelor of Criminology at Murdoch means you’ll gain the knowledge and expertise needed to succeed in a criminology, social justice or a cognitive career.

You’ll engage in interactive experiences and learn from leading academics who previously treated notorious prisoners on the inside, worked on cold-cases and with agencies like the FBI or worked in policing and interrogation.

Why study Criminal Behaviour at Murdoch?

1. Learn with hands-on criminology work. You’ll engage in interactive experiences and learn alongside leading academics in their field, including Associate Professor Guy Hall, who previously treated notorious prisoners on the inside.

2. Graduate industry ready. Develop your career skills, create change or opportunity and increase your professional network through real-world learning experiences over a minimum of 40 hours.

3. Work on real-life crime cases. The Cold Case Review at Murdoch initiative could see you review large volumes of Open Source Intelligence (OSINT) relating to specific cases and provide recommendations to law enforcement or families on new avenues for enquiry.

Interested in a crime-fighting career? Learn more about Criminal Behaviour on page 78.
Crime Science
If you want to...
1. Study at the only university in Australia to offer this course.
2. Analyse crime problems and work with law and forensics to propose targeted problem-solving strategies.
3. Build your network from within our law, forensics and criminology disciplines making use of our strong ties to the Western Australian Legal and Forensics Community.

What you need to know…
• Juvenile Justice Officer
• Crime Prevention Officer
• Federal or State Security and Law Enforcement Officer

Your future career options could include:
You will set yourself up for a career in the criminal justice system.

Where it will take you
international and transnational crimes.
miscarriages of justice, advanced criminology, crime science and Forensic anatomy and anthropology, forensic science and
You'll learn
• Explore the value of scientific methods in the analysis of crime
• Learn how data can identify and create opportunities for early intervention strategies.
• Explore the value of scientific methods in the analysis of crime trends and the difficulties faced by police forces in protecting the community.

You’ll learn
Forensic anatomy and anthropology, forensic science and miscarriages of justice, advanced criminology, crime science and international and transnational crimes.

Where it will take you
You will set yourself up for a career in the criminal justice system. Your future career options could include:
• Federal or State Security and Law Enforcement Officer
• Crime Prevention Officer
• Criminologist
• Community Correction Officer
• Juvenile Justice Officer

Legal Studies
If you want to...
1. Learn how you can make a difference in the world when it comes to issues of human trafficking, crimes against humanity, and social and welfare law.
2. Develop strong ties with the Western Australian legal and business communities.
3. Challenge the way you think about the world as you explore the legal system and how it shapes society.

What you need to know…
• Court Administrator
• Paralegal Officer
• Juvenile Justice Officer
• Community Correction Officer

Your future career options could include:
You will be set up for a career in the criminal justice system.

Where it will take you
Social and welfare law, criminological research methods, alternative dispute resolution, international and transnational crimes, law, justice and social policy.

You’ll learn
Social and welfare law, criminological research methods, alternative dispute resolution, international and transnational crimes, law, justice and social policy.

What you need to know…

David Keatley is a Criminologist specialising in understanding complex sequences of criminal behaviours.
He is an expert in behaviour sequence analysis related to serial homicide, sexual assault, false confessions, terrorism and cold cases. Dr Keatley collaborates with researchers and law enforcement agencies on cold case investigations all over the world, alongside working at Murdoch as a criminology lecturer. He has worked on many well-known cases, including one where he applied his behaviour sequence analysis technique to transcripts of the interrogation of Brendan Dassey, whose confessions were examined in the famous Netflix documentary series, Making a Murderer.
I came across Murdoch while looking into universities that offered psychology in Australia. After some research, I realised that Murdoch is well known for their criminology degree. After stumbling across the combined degree in criminology and psychology, I was certain that Murdoch was the place for me.

I love that my degree allows me to combine my interests of crime investigations and psychology. I get to learn and understand how humans think and function and what stressors drive them towards committing crime. Every time I sit down to study, I come across something interesting and learn something new.

NIKITA BAMB
BACHELOR OF ARTS (PSYCHOLOGY)
AND BACHELOR OF CRIMINOLOGY
(COMMERCE)

---

**White Collar and Corporate Crime**

**If you want to...**

1. Change the way you think about the world and big business.
2. Work with local, national or international organisations on real projects as part of our Work Integrated Learning program.
3. Follow in the footsteps of other Murdoch students who have worked on real cold cases and travelled overseas to work with governments in post-war zones.

**As a White Collar and Corporate Crime student you will...**

- Examine case studies on embezzlement, insider trading, environmental crimes and more.
- Explore what causes criminal behaviour by a person or organisation and how these behaviours can be prevented.
- Explore the social, economic and political impact of corporate crime and understand the role of regulatory agencies in detecting and preventing crimes.
- Gain valuable research, technical and communication skills as you conduct your own case research.
- Learn how to investigate digital crime scenes using cyber forensics to detect criminal activity.

**You'll learn**

Policing and crime prevention, white collar crime, cyber forensics and IT, server environments and architectures, and criminal behaviour.

**Where it will take you**

You will be set up for a career in the criminal justice system.

Your future career options could include:

- Financial Forensics Officer
- Risk Management Officer
- Fraud Investigator
- National Security Officer
- Cybercrime Analyst

---

**Law**

**If you want to...**

1. Join Western Australia’s largest and most successful moot program.
2. Earn credit towards your degree with hands-on legal training in our award-winning clinic working with real clients in areas such as human rights, family law and Indigenous issues.
3. Shape your degree to suit your specific career goals and aspirations.

**As a Law student you will...**

- Develop strong real-life legal skills through our clinical program with partners such as SCALES Community Legal Centre.
- Work on real cases with real clients and get new insight into the legal system.
- Develop your reasoning skills in our internationally-recognised moot program. Mooting is a simulated court proceeding where you will be presented with a legal problem and argue it before a ‘judge’ in our purpose-built courtroom.
- Take the opportunity to prepare for the future world of legal work by studying cutting-edge areas such as cybercrime and forensics.
- Be able to complete this degree in just four years or sooner by taking advantage of our summer and winter intensive schedule.

**You’ll learn**

Law required for admission to legal practice and be able to select from a broad range of law electives such as human rights law, family law and commercial law.

**Want to be recognised?**

The Bachelor of Laws degree meets the educational requirements of the Legal Practice Board of Western Australia for admission as a practising lawyer. If you would like to become a practising lawyer, you can complete your practical legal training on-campus thanks to our partnerships with Leo Cusden and College of Law.

**Where it will take you**

Studying law can lead to a career in any area or industry, from navigating human rights to exploring emerging fields such as artificial intelligence. You could work in the public or private sector, fighting for the rights of those who are disadvantaged or unfairly treated, and creating a better society. Your future career options could include:

- Solicitor
- Barrister
- Roles in Federal, State or Local government
- Legal Advisor in the corporate sector or a community legal centre
- Legal Analyst

**What you need to know...**

**BACHELOR OF CRIMINOLOGY**

<table>
<thead>
<tr>
<th>TRC Code</th>
<th>Course Code</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUCVC</td>
<td>B1345</td>
<td>70</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects: N/A

---

**BACHELOR OF LAWS**

<table>
<thead>
<tr>
<th>TRC Code</th>
<th>Course Code</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MULAW</td>
<td>B1395</td>
<td>70</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects: N/A

---

There were a few reasons for choosing Murdoch. Firstly, I loved the campus, particularly the bushland and secondly, it was the only university that offered such a diverse range of degrees in relation to sustainability and development courses. I was drawn to the human rights and sustainability elements that permeate almost all the courses at Murdoch.

I have never felt like a number to any of my lecturers. All my lecturers have genuinely cared about my learning experience and have been willing to work flexibly to accommodate different student needs. To know that your lecturers are supporting you every step of the way makes a huge difference.

LAUREN HODSON
BACHELOR OF LAWS/BACHELOR OF ARTS
(INTERNATIONAL AID AND DEVELOPMENT)
I chose to study at Murdoch because my degree takes five years, which is a significant period of time. I knew university would be like my second home, and so I wanted to go to a university that felt like home. During open-day at Murdoch, the staff were friendly and warm. I loved that everyone I met was so easy going and homely. As a country kid, I love nature and I liked how Murdoch was very green and had so much natural flora.

I have always had an interest in law and a passion for helping others. I like the combination of criminology and law because criminology provides the background information into offending, which will make me a better lawyer in the long run.

JESSICA RANDELL
BACHELOR OF LAWS/BACHELOR OF CRIMINOLOGY (CRIMINAL BEHAVIOUR)
Help solve the world’s future environmental challenges
The best of Science

5 star rating for skills development in Veterinary Science (GOOD UNIVERSITIES GUIDE 2021)

Strong career growth for medical technicians, pathology collectors, medical laboratory technicians, environmental scientists, agricultural scientists, veterinarians and veterinary nurses (AUSTRALIAN GOVERNMENT JOB OUTLOOK 2020)

Industry links

Interact with researchers and scientists, with strong industry links, from Murdoch’s world-class research centres

STUDY AT THE CENTRE OF HEALTH SCIENCE IN WA

As a Murdoch student, you’ll learn in the heart of Perth’s emerging health precinct where you’ll undertake hands-on work experience.

You’ll benefit from the strong partnerships we have with our neighbours, including the $200 million Murdoch Health and Knowledge Precinct, Fiona Stanley and St John of God hospitals, the Institute for Immunology and Infectious Diseases, the Australian National Phenome Centre, the Ngangk Yira Research Centre and the Centre for Comparative Genomics.

EXPERIENCE ON-CAMPUS ‘NATURAL LABORATORIES’

Our campus is one of the largest in Australia, home to a diverse range of flora and fauna. This means your coursework will take advantage of our stunning natural laboratories right here on-campus. You’ll get to combine textbook learning with hands-on field practice experience across our conservation category wetlands and banksia woodland. You may also experience handling turtles, quendas, endangered carnaby’s and other black cockatoos, and more than 200 species of plants.

HAVE ACCESS TO UNIQUE MURDOCH FACILITIES

We are proud to say we are the only city-based university in Australia with a farm and animal production property. Designed for your practical classes, this is where you may find yourself managing soil sampling procedures, practising animal handling techniques or undertaking a crime scene investigation. We also have a veterinary teaching hospital, complete with an exotic animal clinic, cancer and dermatology clinics, a 24-hour emergency centre and an equine centre with operating theatres specially designed for horses.

DISCOVER INDUSTRY PARTNERSHIPS

Use our partnerships, across industry and government, to take your course learnings to the next level. From the Perth Zoo, animal shelters, the WA Department of Primary Industries and Regional Development to a wide range of farms and veterinary practices, both in Australia and internationally, there are plenty of opportunities to expand on your experience. You could even go global and take your learning overseas like our Forensic Biology and Toxicology students did in 2019 when they were immersed in crime scene investigations on a trip to Malaysia.

LEARN FROM LEADING LECTURERS

Murdoch is a proud community that supports and leads a range of research institutes and centres that help make world-changing discoveries. These include the Harry Butler Institute, Health Futures and the Food Futures Institute. But we’re also home to supportive academic and staff who work on real-world cold case investigations. You’ll get to combine classroom learning with real-world experience in our crime scene rooms where you’ll become a forensic expert in a specific field and use your knowledge and skills to present that evidence in court.

Why study Criminology/Forensic Biology and Toxicology at Murdoch?

1. Only course of its kind in Australia. Double your career opportunities with the only course of its kind in Australia. When you graduate you’ll not only be able to pursue incredibly unique professions, but you’ll be able to step into two different fields.

2. Solve a case before you graduate. Based on real-life circumstances, examine a crime case where you’ll become a forensic expert in a specific field and use your knowledge and skills to present that evidence in court.

3. Work on real-world requests. Senior lecturers Dr David Keatley and Brendan Chapman are expert in forensics and criminology and provide cases to Murdoch students to undertake forensic investigations.

FEATURED COURSE

BACHELOR OF CRIMINOLOGY/BACHELOR OF SCIENCE (FORENSIC BIOLOGY AND TOXICOLOGY)

Combat crime and make our communities safer.

Are you interested in using your inquisitive mind, and attention to detail, to aid crime scene investigations or prevent crime? In this unique double degree you’ll learn forensic techniques including how to determine the cause of death, identify skeletal remains. The criminology component will give you insights into crime, the science of the mind and the criminal justice system, from policing and prevention to prison and release. You’ll also get hands-on experience in our crime scene rooms where you can learn the highly specialised practical skills needed for a crime-fighting career.

1. Only course of its kind in Australia. Double your career opportunities with the only course of its kind in Australia. When you graduate you’ll not only be able to pursue incredibly unique professions, but you’ll be able to step into two different fields.

2. Solve a case before you graduate. Based on real-life circumstances, examine a crime case where you’ll become a forensic expert in a specific field and use your knowledge and skills to present that evidence in court.

3. Work on real-world requests. Senior lecturers Dr David Keatley and Brendan Chapman are expert in forensics and criminology and provide cases to Murdoch students to undertake forensic investigations.

FEATURED COURSE

BACHELOR OF CRIMINOLOGY/BACHELOR OF SCIENCE (FORENSIC BIOLOGY AND TOXICOLOGY)

Combat crime and make our communities safer.

Are you interested in using your inquisitive mind, and attention to detail, to aid crime scene investigations or prevent crime? In this unique double degree you’ll learn forensic techniques including how to determine the cause of death, identify skeletal remains. The criminology component will give you insights into crime, the science of the mind and the criminal justice system, from policing and prevention to prison and release. You’ll also get hands-on experience in our crime scene rooms where you can learn the highly specialised practical skills needed for a crime-fighting career.

1. Only course of its kind in Australia. Double your career opportunities with the only course of its kind in Australia. When you graduate you’ll not only be able to pursue incredibly unique professions, but you’ll be able to step into two different fields.

2. Solve a case before you graduate. Based on real-life circumstances, examine a crime case where you’ll become a forensic expert in a specific field and use your knowledge and skills to present that evidence in court.

3. Work on real-world requests. Senior lecturers Dr David Keatley and Brendan Chapman are expert in forensics and criminology and provide cases to Murdoch students to undertake forensic investigations.

FEATURED COURSE

BACHELOR OF CRIMINOLOGY/BACHELOR OF SCIENCE (FORENSIC BIOLOGY AND TOXICOLOGY)

Combat crime and make our communities safer.

Are you interested in using your inquisitive mind, and attention to detail, to aid crime scene investigations or prevent crime? In this unique double degree you’ll learn forensic techniques including how to determine the cause of death, identify skeletal remains. The criminology component will give you insights into crime, the science of the mind and the criminal justice system, from policing and prevention to prison and release. You’ll also get hands-on experience in our crime scene rooms where you can learn the highly specialised practical skills needed for a crime-fighting career.

1. Only course of its kind in Australia. Double your career opportunities with the only course of its kind in Australia. When you graduate you’ll not only be able to pursue incredibly unique professions, but you’ll be able to step into two different fields.

2. Solve a case before you graduate. Based on real-life circumstances, examine a crime case where you’ll become a forensic expert in a specific field and use your knowledge and skills to present that evidence in court.

3. Work on real-world requests. Senior lecturers Dr David Keatley and Brendan Chapman are expert in forensics and criminology and provide cases to Murdoch students to undertake forensic investigations.

FEATURED COURSE

BACHELOR OF CRIMINOLOGY/BACHELOR OF SCIENCE (FORENSIC BIOLOGY AND TOXICOLOGY)

Combat crime and make our communities safer.

Are you interested in using your inquisitive mind, and attention to detail, to aid crime scene investigations or prevent crime? In this unique double degree you’ll learn forensic techniques including how to determine the cause of death, identify skeletal remains. The criminology component will give you insights into crime, the science of the mind and the criminal justice system, from policing and prevention to prison and release. You’ll also get hands-on experience in our crime scene rooms where you can learn the highly specialised practical skills needed for a crime-fighting career.

1. Only course of its kind in Australia. Double your career opportunities with the only course of its kind in Australia. When you graduate you’ll not only be able to pursue incredibly unique professions, but you’ll be able to step into two different fields.

2. Solve a case before you graduate. Based on real-life circumstances, examine a crime case where you’ll become a forensic expert in a specific field and use your knowledge and skills to present that evidence in court.

3. Work on real-world requests. Senior lecturers Dr David Keatley and Brendan Chapman are expert in forensics and criminology and provide cases to Murdoch students to undertake forensic investigations.
I moved from Canberra to Perth to study animal science as I had heard great reviews from family and friends that Murdoch is an excellent university for science related degrees. My main reason was because Murdoch has a great course for veterinary science, which is what I am passionate about studying for a future career. Now I am at Murdoch, I have found that the animal science degree is particularly hands-on, which is the most effective way of learning for myself. It also makes the learning much more enjoyable, valuable and unforgettable.

I have also had a great experience with the online learning, with all my teachers having been supportive, understanding and willing to answer any questions I have.

EMILY WING
BACHELOR OF SCIENCE
(ANIMAL HEALTH AND ANIMAL SCIENCE)

As an Animal Health student you will…
- Explore the latest issues, technology and opportunities in the field of animal health
- Focus on the condition and wellbeing of domestic animals, production animals such as sheep, cattle and pigs, and wildlife
- Develop teamwork, problem-solving and communication skills and be taught by some of Australia’s leading animal health experts
- Learn skills that will prepare you to succeed in a range of industries including agriculture, companion animal industries and wildlife management
- Have the opportunity to apply to study Veterinary Science when you combine Animal Health and Animal Science as a double major

You’ll learn
Comparative mammalian biochemistry, principles of infectious disease—veterinary microbiology, animal structure and function, pathology and diseases of production animals, and genetic engineering

Where it will take you
A major in Animal Health will give you opportunities to pursue a career in a wide range of fields, including agriculture, food production industries and research. Your future career options could include:
- Biosecurity and Quarantine Officer
- Farm Manager
- Genetic Technologies Consultant
- Research Scientist
- Livestock Manager

As an Animal Science student you will…
- Learn how technology and sustainable practices are being used to meet increasing demand for food production
- Explore developments in animal management, disease control, improved welfare and new molecular technologies
- Gain a comprehensive understanding of animal production systems in a range of industries
- Explore how new DNA technologies are transforming our traditional food and fibre production systems
- Have the opportunity to apply to study Veterinary Science when you combine Animal Health and Animal Science as a double major

You’ll learn
Livestock science and genetics, veterinary nutrition and animal toxicology, comparative mammalian biochemistry, animal structure and function, and animal production systems

Where it will take you
A major in Animal Science will give you opportunities to pursue a career in a wide range of fields, including agriculture, food production industries and research. Your future career options could include:
- Farm Business Manager
- Research Advisor/Extension
- Research Scientist
- Technical Advisor
- Agribusiness Consultant

What you need to know…

BACHELOR OF AGRICULTURAL SCIENCE

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Intake</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSAIH</td>
<td>B391</td>
<td>3 years</td>
<td>Semester 1 and 2</td>
<td>70</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects
- Biology
- Chemistry
- Mathematics

*Minimum Selection Rank required for consideration

What you need to know…

BACHELOR OF AGRICULTURAL SCIENCE

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Intake</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSAD</td>
<td>B31W</td>
<td>3 years</td>
<td>Semester 1 and 2</td>
<td>70</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects
- Biology
- Chemistry
- Mathematics

*Minimum Selection Rank required for consideration

What you need to know…

BACHELOR OF AGRICULTURAL SCIENCE

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Intake</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSPC</td>
<td>B391</td>
<td>3 years</td>
<td>Semester 1 and 2</td>
<td>70</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects
- Chemistry
- Mathematics Applications

*Minimum Selection Rank required for consideration

As a Crop and Pasture Science student you will…
- Find out how the latest research and industry practices are addressing increasing global concern around food security
- Learn how science is applied to food production in cropping and pasture systems regionally, nationally and globally
- Gain extensive knowledge of the factors that affect the growth of plants used for food and forage production, and how plant growth can be manipulated
- Learn how new technologies are improving the yield, profitability and sustainability of food production systems

You’ll learn
Agricultural science and food production, crop protection and plant biosecurity, agricultural markets, economics and policy, crop and pasture science, and agricultural and environmental technologies

Where it will take you
This major will make you an adaptable and innovative agricultural scientist ready for a variety of careers in the agricultural industries. Your future career options could include:
- Agricultural Scientist
- Agronomist
- Biosecurity and Quarantine Officer
- Farm Manager
- Research Scientist

What you need to know…

BACHELOR OF AGRICULTURAL SCIENCE

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Intake</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSAIH</td>
<td>B391</td>
<td>3 years</td>
<td>Semester 1 and 2</td>
<td>70</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects
- Biology
- Chemistry
- Mathematics

*Minimum Selection Rank required for consideration

BACHELOR OF AGRICULTURAL SCIENCE

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Intake</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSAD</td>
<td>B31W</td>
<td>3 years</td>
<td>Semester 1 and 2</td>
<td>70</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects
- Biology
- Chemistry
- Mathematics

*Minimum Selection Rank required for consideration

BACHELOR OF AGRICULTURAL SCIENCE

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Intake</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSPC</td>
<td>B391</td>
<td>3 years</td>
<td>Semester 1 and 2</td>
<td>70</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects
- Chemistry
- Mathematics Applications

*Minimum Selection Rank required for consideration

What you need to know…

BACHELOR OF AGRICULTURAL SCIENCE

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Intake</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSAIH</td>
<td>B391</td>
<td>3 years</td>
<td>Semester 1 and 2</td>
<td>70</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects
- Biology
- Chemistry
- Mathematics

*Minimum Selection Rank required for consideration

BACHELOR OF AGRICULTURAL SCIENCE

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Intake</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSAD</td>
<td>B31W</td>
<td>3 years</td>
<td>Semester 1 and 2</td>
<td>70</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects
- Biology
- Chemistry
- Mathematics

*Minimum Selection Rank required for consideration

BACHELOR OF AGRICULTURAL SCIENCE

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Intake</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSPC</td>
<td>B391</td>
<td>3 years</td>
<td>Semester 1 and 2</td>
<td>70</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects
- Chemistry
- Mathematics Applications

*Minimum Selection Rank required for consideration
As a Food Science and Nutrition student you will…

• Study in the heart of the Murdoch Health Precinct, which includes public and private hospitals within the Australian National Phenome Centre.
• Take advantage of our living labs to grow your food production research knowledge, including at our Whisky Falls farm.
• Grow your industry connections as you interact with researchers and scientists with strong industry links, from Murdoch’s world-class research centres.
• Study subjects including chemistry, biochemistry, human physiology, principles of nutrition, nutrition and disease, food science and food product development.

You’ll Learn

The role of food and nutrition in human health and illness prevention, food composition knowledge and cooking/culinary skills, novel food product design, the role of food and nutrition in human health and illness, and an understanding of food and its impacts on the human microbiome.

Where it will take you

When you graduate from this course you are likely to find work in medical and health related fields. Your future career options could include:

• Manager in educational health and wellbeing
• Food Marketing and Food Media
• Product Manager
• Food Scientist or Technologist
• Nutritionist or Public Health Nutritionist

Your future career options could include:

• Medical Representative
• Research Scientist
• Laboratory Technician
• Medical Researcher
• Biomedical Sales and Marketing Specialist
• Laboratory Technologist (in hospitals, medical research institutes and health related fields.}

When you graduate, you could pursue a career in various medical and health related fields. Your future career options could include:

• Registered Chiropractor in private practice
• Biomedical Sales and Marketing Specialist

You’ll graduate with the internationally-recognised qualifications you need to become a registered healthcare professional in Australia and other countries. Your future career options could include:

• Chiropractic...
Clinical Laboratory Science

If you want to…
1. Study in the Murdoch Health Precinct, which includes the Institute for Immunology and Infectious Diseases.
2. Gain hands-on laboratory experience to help you develop your practical skills and reinforce the theory you learn.
3. Prepare for the workforce or further study as you learn about the latest advances in modern diagnostic science.

What you need to know…
• Research Scientist
• Medical Researcher
Clinical laboratory science will allow you to pursue a career in genomics and clinical immunology.
• Study a range of clinical laboratory disciplines including microbiology, immunology, biochemistry and haematology.
• Learn about human biology, cell and molecular and molecular genetics.
• Perform clinical testing and analyse and report results.
• Learn about human biology, cell and molecular and molecular genetics.
• Study a range of clinical laboratory disciplines including microbiology, immunology, biochemistry and haematology.

You’ll learn
Clinical microbiology, histopathology, haematology, diagnostic genomics and clinical immunology.

Where it will take you
Clinical laboratory science will allow you to pursue a career in health-related fields. Your future career options could include:
• Laboratory Technician
• Technical Officer
• Medical Researcher
• Laboratory Assistant
• Research Scientist

Forensic Biology and Toxicology

If you want to…
1. Work with international and local organisations on real projects as part of our Work Integrated Learning program.
2. Get hands-on experience as you apply DNA sequencing and other forensic techniques from the lab to simulated crime scenes.
3. Study analytical techniques in our state-of-the-art laboratory, which is part of the Australian National Phenome Centre.

What you need to know…
• Wildlife Forensics Officer
• Forensic Toxicologist
• Forensic Biologist
• Crime Scene Officer
You could pursue a range of roles in Australia or overseas.

Where it will take you
You could pursue a range of roles in Australia or overseas. Your future career options could include:
• Crime Scene Officer
• Forensic Biologist
• Forensic Investigator
• Forensic Toxicologist
• Wildlife Forensics Officer

Genetics and Molecular Biology

If you want to…
1. Study among our world-class molecular research centres, including the Institute for Immunology and Infectious Diseases.
2. Learn among researchers who have been ranked above world standard for immunology and genetics.
3. Learn by doing, with laboratory content throughout the course so you’ll learn practical skills and reinforce theoretical principles.

What you need to know…
• Research Scientist
• University Academic
• Bioinformatician
• Molecular Biologist
As a Genetics and Molecular Biology student you will...
• Get hands-on laboratory experience to learn practical skills which reinforce the theory you’ve learned.
• Learn how to solve problems at the molecular level, with the most up-to-date knowledge and training in molecular genetics.
• Gain the molecular biology skills to analyse molecular samples and learn how to apply them across a range of fields.

Where it will take you
You’ll be prepared for a career working in hospitals, research organisations such as the CSIRO and medical research centres, universities and agriculture departments, biotechnology and food processing industries. Your future career options could include:
• Molecular Biologist
• Bioinformatician
• Genetic Engineer
• Molecular Biotechnologist
• Research Scientist or University Academic

Conservation and Wildlife Biology

If you want to…
1. Volunteer for conservation projects including wildlife rehabilitation, Eyre Bird Observatory, Turtle Tagging and Landcare, and more.
2. Take fieldwork in every semester, including in Murdoch’s campus bushland to support native fauna.
3. Get involved in student environmental social groups where you can participate in environmental initiatives, network and socialise.

What you need to know…
• Nature-based Tourism
• Environmental Officer
• Research Scientist
• Wildlife Forensics
You’ll learn
Ecology, conservation biology, wildlife biology, genetics and evolution, and Australian biodiversity.

Where it will take you
When you graduate, you’ll have the skills and experience you need to take on challenging roles in wildlife ecology, landscape and vegetation management, biodiversity conservation, animal biology and park management. Your future career options could include:
• Research Scientist
• Wildlife Officer
• Environmental Officer
• Nature-based Tourism
• Wildlife Forensics

What you need to know…

BACHELOR OF SCIENCE (MEDICAL, MOLECULAR AND FORENSIC SCIENCES) - Courses and Intake - Murdoch University

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Duration</th>
<th>Selection Rank</th>
<th>Recommended ATAR Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSL59</td>
<td>BACHELOR OF SCIENCE (MEDICAL, MOLECULAR AND FORENSIC SCIENCES)</td>
<td>3 years</td>
<td>70</td>
<td>Chemistry, Mathematics Applications</td>
</tr>
<tr>
<td>MUSL79</td>
<td>BACHELOR OF SCIENCE (MEDICAL, MOLECULAR AND FORENSIC SCIENCES)</td>
<td>3 years</td>
<td>70</td>
<td>Chemistry, Mathematics Applications</td>
</tr>
<tr>
<td>MUSL99</td>
<td>BACHELOR OF SCIENCE (MEDICAL, MOLECULAR AND FORENSIC SCIENCES)</td>
<td>3 years</td>
<td>70</td>
<td>Chemistry, Mathematics Applications</td>
</tr>
<tr>
<td>MUSC79</td>
<td>BACHELOR OF SCIENCE (MEDICAL, MOLECULAR AND FORENSIC SCIENCES)</td>
<td>3 years</td>
<td>70</td>
<td>Chemistry, Mathematics Applications</td>
</tr>
<tr>
<td>MUSCW</td>
<td>BACHELOR OF SCIENCE (MEDICAL, MOLECULAR AND FORENSIC SCIENCES)</td>
<td>3 years</td>
<td>70</td>
<td>Chemistry, Mathematics Applications</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration
Environmental Management and Sustainability

If you want to...
1. Get hands-on with turtles, quendas, and endangered Carnaby’s cockatoos in our on-campus conservation category wetlands and banksia woodland.
2. Expand your practical experience with field trips and volunteer projects.
3. Use spatial planning technology to reconcile human use and native habitat in protected areas.

What you need to know...
• Urban and Regional Planner
• Parks and Wildlife Officer
• Natural Resource Manager

As an Environmental Management and Sustainability student you will...
• Understand how to critically analyse issues, solve problems, and communicate effectively with others.
• Tackle current and future environmental issues and develop sustainable solutions.
• Complete practical experience throughout the course, including both on-campus and in the field.
• Develop knowledge in environmental restoration and management, approaches to sustainability, and technical skills in statistics and mapping technology.
• Graduate with a scientific knowledge base, combined with hands-on experience in real-world issues.

You’ll Learn
Social and environmental values of protected areas, legislation and policy, conservation, natural resource management and science-based environmental restoration.

Where it will take you
Pursue a career across a range of fields, such as biodiversity and ecosystem restoration, ecotourism, fisheries and wildlife. Your future career options could include:
• Environmental Consultant
• Mining Rehabilitation Officer
• Natural Resource Manager
• Parks and Wildlife Officer
• Urban and Regional Planner

What you need to know...
<table>
<thead>
<tr>
<th>Bachelor of Science</th>
<th>Course Code</th>
<th>TIC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSEM</td>
<td>B1307</td>
<td></td>
</tr>
<tr>
<td>Duration</td>
<td>3 years</td>
<td>Selection Rank*</td>
</tr>
<tr>
<td>Intake</td>
<td>Semester 1 and 2</td>
<td>70</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects
Chemistry, Mathematics Applications

*Minimum Selection Rank required for consideration

Environmental Science

If you want to...
1. Gain experience in our on-campus conservation category wetlands and banksia woodland that’s home to more than 200 species of plants.
2. Gain new environmental knowledge through research study that’s embedded in your degree.
3. Study with environmental practitioners and internationally respected experts, including members of the Intergovernmental Panel on climate change.

As an Environmental Science student you will......
• Learn how the environment works, and how we interact with it daily and as part of large institutions and organisations.
• Gain interdisciplinary knowledge in water and earth sciences, ecology, policy, law, and environmental management.
• Learn how to integrate your knowledge to sustain healthy environments.
• Complete hands-on field and laboratory-based practical learning.
• Complete a work placement with one of our many committed partners in industry, government and non-governmental organisations.
• Have the opportunity to customise your degree with minors in Applied Statistics, Resource Management, Sustainable Development, and more.

You’ll Learn
Atmospheric processes and relationships to climate change, how water, soils and plants interact, and shape natural and human landscapes and waterbodies. Ecological research to understand and mitigate threats to biodiversity, and effective science-based techniques in environmental assessment of wetlands.

Where it will take you
Pursue a career across a range of fields, such as biodiversity and ecosystem restoration, climate change adaptation and mitigation, alternative energy, mining rehabilitation, and natural resources. Your future career options could include:
• Atmospheric or Climate Change Scientist
• Environmental Consultant
• Environmental Ecologist
• Natural Resource Manager
• Restoration Ecologist

What you need to know...
<table>
<thead>
<tr>
<th>Bachelor of Science</th>
<th>Course Code</th>
<th>TIC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>TESC</td>
<td>B1307</td>
<td></td>
</tr>
<tr>
<td>Duration</td>
<td>3 years</td>
<td>Selection Rank*</td>
</tr>
<tr>
<td>Intake</td>
<td>Semester 1 and 2</td>
<td>70</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects
Chemistry, Mathematics Applications

*Minimum Selection Rank required for consideration

Marine Biology

If you want to...
1. Participate in field research camps, including to Point Peron or Coral Bay.
2. Become job-ready with every unit you study comprising laboratory sessions or fieldwork.
3. Put theory into context on local and global scales with real-life examples and a holistic approach to teaching.

As a Marine Biology student you will....
• Develop a detailed understanding of the biota and ecological processes of marine environments.
• Gain an appreciation of the diversity of marine life, the interactions between species and biota, and the physical environment.
• Cover topics including fish, wildlife populations and ecology, aquaculture and human impacts.
• Complete extensive fieldwork and practical learning.
• Learn in industry-standard laboratories, like the marine and freshwater research laboratory, equipped with world-class research instruments.

You’ll Learn
Animal diversity, marine ecology, marine botany, aquaculture and fish and wildlife populations.

Where it will take you
A Marine Biology major will create career opportunities in a range of environmental-related fields. Your future career options could include:
• Aquatic Ecologist
• Marine Policy and Planning Officer
• Fisheries Biologist
• Coastal Community Officer
• Marine Biologist in marine-based tourism

What you need to know...
<table>
<thead>
<tr>
<th>Bachelor of Science</th>
<th>Course Code</th>
<th>TIC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSBI</td>
<td>B1307</td>
<td></td>
</tr>
<tr>
<td>Duration</td>
<td>3 years</td>
<td>Selection Rank*</td>
</tr>
<tr>
<td>Intake</td>
<td>Semester 1 and 2</td>
<td>70</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects
Chemistry, Mathematics Applications

*Minimum Selection Rank required for consideration

Marine Science

If you want to...
1. Gain field experience in marine, coastal and estuarine environments along the coast of Western Australia.
2. Learn how modern technology has revolutionised oceanography and enabled advanced analysis of the world’s oceans.
3. Be part of our marine industries, which add more than AU$50 billion each year to the ‘blue economy’.

As a Marine Science student you will....
• Study oceanography, atmospheric science, marine biology, marine ecology and marine management, plus more.
• Learn how to assess the state of the marine environment, investigate climate change adaptation and manage coastal ecosystems.
• Develop laboratory and research methods, advanced field procedures, numerical and spatial analysis techniques, and report writing.

You’ll learn
Coastal and marine management, oceanography and marine pollution, marine ecology, atmospheric science and animal diversity.

Where it will take you
You’ll be qualified to work as a scientist in a range of marine-based professions, including marine environmental management, marine industries, marine biodiversity conservation, marine-based tourism and marine ecology. Your future career options could include:
• Coastal Manager
• Fisheries Officer
• Marine Environmental Consultant
• Biological Oceanographer
• Marine Park Ranger

What you need to know...
<table>
<thead>
<tr>
<th>Bachelor of Science</th>
<th>Course Code</th>
<th>TIC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSMS</td>
<td>B1307</td>
<td></td>
</tr>
<tr>
<td>Duration</td>
<td>3 years</td>
<td>Selection Rank*</td>
</tr>
<tr>
<td>Intake</td>
<td>Semester 1 and 2</td>
<td>70</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects
Chemistry, Mathematics Applications

*Minimum Selection Rank required for consideration

BACHELOR OF SCIENCE

94

Chemistry, Mathematics Applications

70

B1317

Duration
3 years

Semester 1 and 2

1300 687 3624   •
murdoch.edu.au/study
I chose to study at Murdoch because Murdoch had one of the best reputations of all the universities I had applied to, as well as the best location. It is close to the beach and the city while still having enough space to have their very own farm with herds of horses and cattle to aid our learning.

Josie Sinclair
Doctor of Veterinary Medicine

As a Veterinary Science student you will:

- Gain a science-based approach and hands-on experience that will prepare you for the highest standard of work in the veterinary industry.
- Graduate ready for a career across a range of settings, such as primary care, emergency, small animal practice, large animal or mixed practice, or as a government veterinarian.
- Complete a three-year, six-semester Bachelor of Science (Veterinary Biology) that progresses into an integrated two-year, six-trimester DVM (Doctor of Veterinary Medicine). This means you can complete a full qualification over five years.

You’ll learn

Veterinary structure and function, principles of surgery, anaesthesia and diagnostic imaging, processes in animal disease, health and management of production animals, avian and wildlife and exotic pet medicine.

Want to be recognised?

This course is accredited by the Australasian Veterinary Boards Council (AVBC), Royal College of Veterinary Surgeons (RCVS) and the American Veterinary Medical Association (AVMA).

Where it will take you

When you graduate you will be prepared for a career in animal health related fields, with animals of all species and sizes. Your future career options could include:

- Veterinary Clinician, in private practice or academia
- Undertaking specialist training in a wide range of clinical disciplines (such as surgery, medicine, pathology, reproduction, dermatology)
- Industry Consultant in agriculture, equestrian sport, animal welfare and animal behaviour
- Government Veterinarian, working on biosecurity, food security, herd disease and management
- Researcher in all aspects of animal health and welfare, including animal models of disease

What you need to know…

BACHELOR OF SCIENCE IN VETERINARY BIOLOGY/DOCTOR OF VETERINARY MEDICINE

**TISC Code**
MUSVB (School Leavers)
MUSVV (Non School Leavers)

**Course Code**
B1330 (School Leavers)
B1341 (Non School Leavers)

**Duration**
5 years

**Selection Rank**
98

**Intake**
Semester 1 and 2

**Recommended ATAR Subjects**
Biology, Chemistry, Mathematics Methods, Physics

*Minimum ATAR required for consideration
Social & Cultural Studies

BACHELOR OF ARTS
Community Development 102
English and Creative Writing 102
Global Challenges 103
Global Politics and Policy 104
History 104
International Aid and Development 105
Japanese 106
Philosophy 106
Psychology 107
Sociology 108
Sustainable Development 108
Tourism and Events 109

BACHELOR OF GLOBAL SECURITY
Terrorism and Counterterrorism 109

Develop your creative ideas and think freely
NEW COURSE AT MURDOCH!

Are you interested in learning about the challenges that face life on the planet?

The new global challenges major will provide you with the ability to identify and understand social and industry trends that will reshape the world in coming decades, and will allow you to develop the capabilities necessary to succeed in a reshaped society.

TAKE YOUR THINKING GLOBAL

Studying a degree in social and cultural studies opens you up to theoretical learning with hands-on industry placements and global internship opportunities.

You could travel to Indonesia for a semester as part of the national Australian Consortium for 'In-Country' Indonesian Studies (ACICIS) program or complete a semester in Japan at one of our 10 partner universities. You can also take advantage of our strong links to Asia through our Asia Research Centre, a leading international authority on politics, governance and social change in the contemporary Asian region – located right here at our Perth campus.

GET HANDS-ON EXPERIENCE THROUGHOUT YOUR STUDIES

Develop the skills that boost your competitive advantage and get you career-ready upon graduating. Murdoch’s Work Integrated Learning program allows you to complete internships and placements through our industry contacts including community groups, private organisations, non-government organisations (NGOs), or government agencies.

MAXIMISE YOUR STUDIES BY ADDING A CO-MAJOR OR MINOR TO YOUR DEGREE

We have a wide range of Social and Cultural Studies co-majors and minors on offer, which you can study alongside your chosen major. You could choose from Asian studies, community development, gender studies, global politics, religion or sustainable development.

COMPLEMENT YOUR DEGREE BY STUDYING A MINOR

Whether you want to tap into an area of personal interest, expand your learning or increase your career potential upon graduating, studying a minor might be for you. There is a range of minors that you can choose from at Murdoch, depending on where your interests lie. You could choose to study:

- Asian Studies
- Anthropology
- Community Development
- Creative Writing
- Literature
- Global Politics
- Critical and Human Security
- Security, Terrorism and Counterterrorism
- Gender Studies
- Modern History
- Indonesian
- Japanese
- International Aid and Development
- Sustainable Development
- Sustainability, Ecosystems and Community Development
- Sociology
- Tourism
- Events

Interested in making a lasting difference in communities? Learn more about International Aid and Development on page 105.
Community Development

If you want to...
1. Intern with community groups, private organisations, non-government agencies, or government departments through our Work Integrated Learning program.
2. Expand your career prospects even further by combining Community Development with another major such as International Aid and Development or Global Politics and Policy.
3. Create an e-portfolio to showcase your work to employers when you graduate.

What you need to know...
- Community Development Officer
- International Aid/Development Worker
- Regional Development Coordinator
- Youth Engagement Officer
- Community Project Manager

Your future career options could include:
- Working in local communities in a range of roles in Australia or overseas. Your future career options could include:
  - Community Project Manager
  - Youth Engagement Officer
  - Regional Development Coordinator
  - International Aid/Development Worker
  - Community Development Officer

English and Creative Writing

If you want to...
1. Work with organisations on real projects with our on-campus student creative consultancy MESH, and complete internships through our Work Integrated Learning program.
2. Showcase your creative work through local, national or even global competitions.

What you need to know...
- Develop your skills to make people laugh, cry and think from a new perspective.
- Learn to write in a range of literary and related genres, think critically and creatively, apply knowledge and information, and communicate effectively.
- Learn from scholars and established writers, ranging from short story authors and novelists, to drama practitioners and performance theorists.
- Explore a wide range of literary, theoretical and dramatic texts, from the Renaissance to the present day.

You'll learn
- Professional writing and editing, reading and writing in the online world, poetry, literature, imagination and politics, and the approaches to reading and writing.
- Where it will take you
You could become an author or editor and will be well prepared for employment in advertising, design, teaching, public administration, journalism, publishing, computer arts, and many fields of business. Your future career options could include:
  - Copywriter
  - Editor
  - Journalist
  - Arts Administrator
  - Professional Writer

Global Challenges

If you want to...
1. Learn critical thinking and data analytic skills that have been identified by employers as two of the most important attributes for the future workforce.
2. Undertake internships through our dedicated Work Integrated Learning program.
3. Develop skills, agility and disposition that equip you for the world of work in an age of rapid change and technological disruption.

What you need to know...
- Gain the ability to identify and understand social and industry trends that will reshape Australia and the world in coming decades.
- Develop the capabilities necessary to succeed in a reshaped society.
- Learn about the challenges facing life on the planet, and how our present and past thinking, relating to social and political change, are part of the solutions being advanced by leading thinkers across the social sciences, the humanities, business and elsewhere.

You'll learn
- What the world will look like in the future, key challenges facing the planet, how to mitigate traditional jobs with the technology and ideas of the future, convergence of four technologies − SMAC (social, mobile, analytics and cloud) that is driving business innovation.
- Where it will take you
You could find yourself working in the government sector, in established and emerging businesses, in consultancies and in the not-for-profit sector. Your future career options could include:
  - Business and Government Relationship Analyst
  - Entrepreneur/Business Owner
  - Policy Advisor (non-profit sector, Local/State government)
  - Content Producer for New Media
  - Policy Analyst
  - Research Officer

What you need to know...
- Develop the capabilities necessary to succeed in a reshaped society.
- Gain the ability to identify and understand social and industry trends that will reshape Australia and the world in coming decades.
- Learn about the challenges facing life on the planet, and how our present and past thinking, relating to social and political change, are part of the solutions being advanced by leading thinkers across the social sciences, the humanities, business and elsewhere.

You’ll learn
- What the world will look like in the future, key challenges facing the planet, how to mitigate traditional jobs with the technology and ideas of the future, convergence of four technologies − SMAC (social, mobile, analytics and cloud) that is driving business innovation.
- Where it will take you
You could find yourself working in the government sector, in established and emerging businesses, in consultancies and in the not-for-profit sector. Your future career options could include:
  - Business and Government Relationship Analyst
  - Entrepreneur/Business Owner
  - Policy Advisor (non-profit sector, Local/State government)
  - Content Producer for New Media
  - Policy Analyst
  - Research Officer

BACHELOR OF ARTS
MUACD
Course Code B1356
Duration 3 years
Intake Semester 1 and 2
Recommended ATAR Subjects N/A
*Minimum Selection Rank required for consideration

BACHELOR OF ARTS
MUACD
Course Code B1356
Duration 3 years
Intake Semester 1 and 2
Recommended ATAR Subjects N/A
*Minimum Selection Rank required for consideration

BACHELOR OF ARTS
MUACD
Course Code B1356
Duration 3 years
Intake Semester 1 and 2
Recommended ATAR Subjects N/A
*Minimum Selection Rank required for consideration
Global Politics and Policy

If you want to...  
1. Explore a unique combination of global politics and economics to build knowledge and skills which will be in demand by a range of employers.  
2. Build your network of contacts through industry connections.  
3. Travel to Indonesia for a semester as part of the ACICIS Study Indonesia program (the Australian Consortium for ‘In-Country’ Indonesian studies).

As a Global Politics and Policy student, you will...  
• Examine political power, public policy, political institutions, ideas and processes, and their transformations at national and global levels.  
• Learn how organisations, including government bodies, can benefit from high-performing leaders and strong internal systems.  
• Learn critical and creative thinking skills you can apply to any career.  
• Work with international and local organisations on real projects as part of our Work Integrated Learning program.

You'll learn  
The international political economy, terrorism and political violence in Southeast Asia, politics and security in Southeast Asia, terrorism, gangsters and the state, public policy, politics, power and policy.

Where it will take you  
You could pursue a wide range of career opportunities. Your future career options could include:  
• Political and Policy Advisor  
• Politician  
• Security Analyst  
• Lobbyist

What you need to know...  
BACHELOR OF ARTS  
TISC Code: MUAI  
Course Code: B1356  
Duration: 3 years  
Intake: Semester 1 and 2  
Selection Rank*: N/A

*Minimum Selection Rank required for consideration

History

If you want to...  
1. Study at a university that is ranked in the top 20 universities in Australia for history, philosophy and theology (source: Times Higher Education Rankings by subject 2020/21-200 category).  
2. Learn from history experts who explore how democracy, social change, intellectual history and modern life have impacted Thailand.  
3. Benefit from our strong links with the Asia region through our Asia Research Centre, an international leader in the study of East and Southeast Asia.

As a History student, you will...  
• Learn about the major categories of power in the modern world, including military, diplomatic, political, economic, religious, cultural, normative and effective power.  
• Develop a solid understanding of the role Asia has played in the history of the modern world.  
• Study the history of Australia, Europe or Asia as elective units.  
• Have the literary, analytical and communication skills, when you graduate, that you need for a broad range of careers including roles in foreign affairs, journalism, teaching and the public service.

You'll learn  

Where it will take you  
You’ll have the literary, analytical and communication skills you need for a broad range of careers including roles in foreign affairs, journalism, teaching and the public service.

What you need to know...  
BACHELOR OF ARTS  
TISC Code: MUAIH  
Course Code: B1356  
Duration: 3 years  
Intake: Semester 1 and 2  
Selection Rank*: N/A

*Minimum Selection Rank required for consideration

International Aid and Development

If you want to...  
1. Take on international aid and development volunteering projects which will count towards your academic credits.  
2. Work with local and international organisations on real projects as part of our Work Integrated Learning program.  
3. Gain critical thinking and creative problem-solving skills you can apply in any career.

As an International Aid and Development student, you will...  
• Explore the challenges and the changing approaches to international aid by governments, international organisations and aid agencies, and gain an in-depth understanding of international development programs and approaches.  
• Focus on how to work with people to help them develop skills for what’s known as participatory development practice.  
• Gain critical thinking and creative problem-solving skills you can apply in any career.  
• Travel to Indonesia for a semester or summer as part of the Study Indonesia ACICIS program to put your learning into practice.

You'll learn  
Understanding international politics, creative ways to work with community, international aid and development in practice, sex and gender matters, sustainable urban communities.

Where it will take you  
You could work in a range of roles in Australia or overseas. Your future career options could include:  
• Aid and Development Worker  
• International Diplomacy  
• Refugee and Migrant Support Worker  
• Policy Analyst  
• Program Officer

What you need to know...  
BACHELOR OF ARTS  
TISC Code: MUAI  
Course Code: B1356  
Duration: 3 years  
Intake: Semester 1 and 2  
Selection Rank*: N/A

*Minimum Selection Rank required for consideration

JONATHON HEWINS  
BACHELOR OF ARTS HONOURS (HISTORY)

As a child, I loved learning about the history of the universe and I spent my free time reading books, watching documentaries, and playing video games. I knew I wanted to study a history degree and I remember that I looked over the course and elective units, and I became really excited at the prospect of studying things like colonialism, the Cold War and South-East Asian history.
Japanese

If you want to...  
1. Study at a university that is ranked in the top 20 universities in Australia for languages, literature and linguistics (source: Times Higher Education Rankings by Subject 2020: 251-300 category).
2. Immerse yourself in Japanese culture and language by studying at one of our 10 partner universities in Japan for a semester or more.
3. Study at a university that received a five-star rating for teaching quality (source: The Good Universities Guide 2020).

What you need to know:
- Professional in Japan
- Japanese Teacher or Academic
- Hospitality or Tourism Operator
- Interpreter or Translator
- Diplomat

Your future career options could include:
- work in a broad range of industries, both locally and internationally.
- You'll have the language skills and cultural knowledge needed to understand and work effectively in a diverse range of environments.

Where it will take you
- Translators and Interpreters (NAATI).
- Want to be recognised?
  - Become a competent thinker, leader, communicator and innovator.
  - Focus on contemporary problems in ethics and justice, the relationship between philosophy, politics, and economics, or the relationship between power and knowledge.

As a Japanese student, you will...
- Develop the ability to engage in professional activities working with the people and culture of Japan.
- Build your proficiency in the four skills of listening, speaking, reading and writing contemporary Japanese.
- Learn about many aspects of Japanese culture and society.
- Take part in an exchange program and travel to Japan.

You'll learn
- Contemporary Japanese spoken and written language, Japanese cultural practices, Japanese world views, many aspects of the society, history and nature of Japan, research skills and methods using Japanese sources.

Want to be recognised?
- You can apply for professional accreditation as an interpreter and translator through testing by the National Accreditation Authority for Translators and Interpreters (NAATI).

Where it will take you
- You'll have the language skills and cultural knowledge needed to work in a broad range of industries, both locally and internationally.
- Your future career options could include:
  - Diplomat
  - Interpreter or Translator
  - Hospitality or Tourism Operator
  - Japanese Teacher or Academic
  - Professional in Japan

*Minimum Selection Rank required for consideration

Philosophy

If you want to...
1. Study at a university that is ranked in the top 20 universities in Australia for history, philosophy and theology (source: Times Higher Education Rankings by Subject 2020: 251-300 category).
2. Gain critical thinking and analytic skills - identified by employers as two of the most important attributes for the future workforce.
3. Perfect the art of analysing and evaluating arguments, make informed decisions and provide recommendations on complex problems.

What you need to know...
- Learn how to address some of the most fundamental questions in life, which science cannot answer.
- Gain an understanding of the role that conceptual frameworks play in shaping our world and how changing things often starts with re-thinking them in a new, perhaps controversial way.
- Become a competent thinker, leader, communicator and innovator.
- Focus on contemporary problems in ethics and justice, the relationship between philosophy, politics, and economics, or the relationship between power and knowledge.

You'll learn
- Critical and creative thinking, logical reasoning, advanced communication skills, ethical problem-solving, history of ideas and their impact on the sciences, literature, art and society.

Where it will take you
- You will develop skills in philosophy that can be applied almost anywhere. Your future career options could include:
  - Intelligence Services
  - Policy Advisor or Analyst
  - Public Service
  - Academia/Research

As a Philosophy student, you will...
- Examine leading-edge research and practical applications to explore how we make sense of ourselves.
- Build special expertise in the social and developmental areas of psychology and complete a capstone unit in family relations and social development.
- Examine leading-edge research and practical applications to explore how we make sense of ourselves.

Where it will take you
- You will gain an in-depth understanding of human behaviour that you can use across many industries. Your future career options could include:
  - Psychologist (with further study)
  - Human Resources or Marketing Officer
  - Manager
  - Researcher

Psychology

If you want to...
1. Take the first step towards becoming a registered psychologist with this course.
2. Get exposure, in your first year units, to how research studies are conducted, with participation in ongoing research rewarded with course credit.
3. Study an area with strong growth predicted in psychology jobs for Australia over the next five years. (source: Job Outlook 2019).

What you need to know...
- Get the opportunity to take psychology as either a Bachelor of Arts or a Bachelor of Science.
- Learn about all the major fields in psychology, including human development, biological, social, and cultural influences, abilities and disabilities, and psychological disorders.
- Build special expertise in the social and developmental areas of psychology and complete a capstone unit in family relations and social development.
- Examine leading-edge research and practical applications to explore how we make sense of ourselves.

You'll learn
- Family and interpersonal relations, how people think, plan, remember and make decisions, how human beings change and develop through the lifespan, how society, culture and the people influence our behaviour, how individuals differ in their personality and talents, how biology influences behaviour, psychological disorders and what causes them, and how psychologists can help, techniques for investigating people's thoughts, feelings and behaviour.

Want to be recognised?
- This course is accredited by the Australian Psychology Accreditation Council. With the addition of a fourth year of study, such as our Graduate Diploma or Honours program, you will be eligible for provisional registration with the Psychology Board of Australia.

Where it will take you
- You will gain an in-depth understanding of human behaviour that you can use across many industries. Your future career options could include:
  - Psychologist (with further study)
  - Human Resources or Marketing Officer
  - Manager
  - Researcher

As a Psychology student, you will...
- Examine leading-edge research and practical applications to explore how we make sense of ourselves.
- Build special expertise in the social and developmental areas of psychology and complete a capstone unit in family relations and social development.
- Examine leading-edge research and practical applications to explore how we make sense of ourselves.

Where it will take you
- You will gain an in-depth understanding of human behaviour that you can use across many industries. Your future career options could include:
  - Psychologist (with further study)
  - Human Resources or Marketing Officer
  - Manager
  - Researcher
Sociology
If you want to…
1. Create an e-portfolio to showcase your work to employers when you graduate.
2. Learn how changes in the structure of society, cultural systems of beliefs and values, and access to power can influence us as members of society.
3. Build knowledge that is useful in social and career-related contexts.

You’ll learn
The relationship between religions and society, the way class, religion, gender, ethnicity and other factors impact on young people.

Where it will take you
You will gain the knowledge and skills that are increasingly important in a wide range of professions and occupations.

What you need to know...

<table>
<thead>
<tr>
<th>BACHELOR OF ARTS</th>
<th>Course Code</th>
<th>TBC</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUASC</td>
<td>B1356</td>
<td>3</td>
<td>70</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

Sustainable Development
If you want to…
1. Take on sustainability volunteering within Australia or overseas that’ll count towards your academic credits.
2. Work with local and international organisations on real projects as part of our Work Integrated Learning program.
3. Join our community of students, graduates and experts committed to making a difference on a local, national and global scale.

You’ll learn
• Develop skills in critical thinking, social research, policy analysis, and project evaluation that are crucial in numerous occupations.
• Explore the connections between what is personal and social, in a global context.
• Gain a greater understanding of the social world and your place in it, recognising that everyday life is filled by human beings interacting with one another, institutions, ideas and emotions.
• Gain a broader perspective for understanding the world as you learn to think critically and creatively, apply knowledge and information, and communicate effectively.
• Develop skills in critical thinking, social research, policy analysis, and project evaluation that are crucial in numerous occupations.

Where it will take you
You could pursue a range of careers with State and Federal Government agencies, non-governmental organisations or businesses. Your future career options could include:

- Community Project Officer
- Humanitarian Aid Worker
- Sustainable Development
- Social Analyst

What you need to know...

<table>
<thead>
<tr>
<th>BACHELOR OF ARTS</th>
<th>Course Code</th>
<th>TBC</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUASU</td>
<td>B1356</td>
<td>3</td>
<td>70</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

Tourism and Events
If you want to…
1. Learn from industry experts in sustainable development of tourism in Australia and developing nations.
2. Study two majors in three years and graduate with two specialisations.
3. Create an e-portfolio to showcase your work to employers when you graduate.

You’ll learn
• Give yourself a competitive edge by combining your Sustainable Development major with another discipline, such as Tourism and Events, Community Development, or International Aid and Development.
• Learn to link tourism and events with national policy, economic development and environmental and cultural management.
• Take field trips to tourism destinations.

Where it will take you
You could pursue a range of roles in the tourism and hospitality industry as a tourism manager, event coordinator or event planner. Your future career options could include:

- Event Coordinator or Planner
- Government Policy Advisor or Maker
- Tourism Operations Manager
- Community Liaison Officer
- Hotel, Resort or Outdoor Leisure Manager
- Sustainability Educator

What you need to know...

<table>
<thead>
<tr>
<th>BACHELOR OF ARTS</th>
<th>Course Code</th>
<th>TBC</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUATE</td>
<td>B1356</td>
<td>3</td>
<td>70</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

Terrorism and Counterterrorism
If you want to…
1. Learn from our experts and benefit from our industry connections with government and security agencies.
2. Explore national and international security issues in the Middle East, Southeast and South Asia.
3. Study and discuss real-life events as they happen and learn through case studies of past events.

You’ll learn
• Examine the different ways governments, states and organisations have responded to the threat of terrorism and discover how effective these approaches have been.
• Gain the kind of skills, knowledge and insight that organisations across the world are looking for when assessing risk and potential threats to security.

Where it will take you
You could pursue a range of roles in the intelligence services, Australian Defence Force, and State and Federal Government agencies. Your future career options could include:

- Criminologist
- Customs and Protection Officer
- Defence Force Officer
- Immigration and Citizenship Officer
- State and Federal Law Enforcement Officer

What you need to know...

<table>
<thead>
<tr>
<th>BACHELOR OF GLOBAL SECURITY</th>
<th>Course Code</th>
<th>TBC</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUAGS</td>
<td>B1363</td>
<td>3</td>
<td>70</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration
Inspire the minds of today, so they can create a better tomorrow
The best of Teaching

REFINE YOUR TECHNIQUES WITH OUR VIRTUAL CLASSROOM
We are proud to be the first university in Australia to offer SimLab™ technology, our virtual classroom. Before heading into the real world, you’ll practise teaching, relationship management and behaviour management skills in a safe learning environment that mimics a real classroom.

Represented by professional real-life actors, you’ll get to work with classroom pupils with differing learning capabilities that respond in real-time. It’s not only the students you’ll work with; adult avatars can also take on the role of parents—all with unique personalities and behaviour.

GRADUATE READY TO STEP INTO A REAL CLASSROOM
Leave Murdoch feeling confident and ready to take on a real classroom, as you experience more than 550 hours of practical placements.

We offer the most extensive range of practical placements out of any university in WA. This means you won’t be confined to only metropolitan placements either, as you can choose to also undertake on-the-job training in regional, rural and remote schools.

Or if you want to build upon your cultural awareness, there’s also the option of conducting your work experience in international schools in Singapore, Thailand or China.

We also offer placements for specific interests, such as special needs and inclusive education centres and at Islamic, Catholic or Christian schools.

As a degree requirement you’ll build an online portfolio that showcases your accumulated experience and complete literacy and numeracy requirements (LANTITE). You’ll also be supported to fulfil the regulatory requirements for your Teacher Performance Assessment.

BENEFIT FROM OUR INTERNATIONAL BACCALAUREATE CERTIFICATE ACCREDITATION
If you’re interested in shaping the minds of students across the world, and advancing your career, why not consider enrolling in our Graduate Certificate in International Education?

We are one of the few universities in Australia accredited to teach the International Baccalaureate Certificate in Teaching and Learning. With IB certification, you become employable worldwide, gain exposure to different teaching methods and have opportunities to observe and converse with international school teachers.

BACHELOR OF EDUCATION (SECONDARY TEACHING)

Nurture tomorrow’s leaders
The world that we know is changing, as are tomorrow’s challenges. Become the outstanding teacher students need to succeed in a rapidly evolving world.

You’ll gain the experience and qualifications to teach students from Years 7 to 12 and major in an area of your interest. Our experienced academics with domestic and international teaching knowledge will help you discover how to prioritise, create engaging lesson plans and manage stakeholders—from parents to students and other teachers.

You’ll graduate with first-hand experience in a school environment where you’ll put the concepts you’ve learned into practice.

Why study Secondary Teaching at Murdoch?

1. Learn to manage stakeholders. Before you enter the classroom, learn to manage parents’ expectations and student behaviours in our virtual simulation SimLab™ suite.

2. Graduate classroom-ready. We’ve established strong relationships with public and private schools across WA, so you can undertake your practicum with students from a wide range of demographics.

3. Apply for WA’s longest running internship. Become part of the schooling staff by applying for a 1-year internship at a partnership school, so you can strengthen your teaching skills and knowledge.

Are you ready to make a difference to the lives of secondary students?
Learn more about Secondary Teaching on page 117.
I chose Murdoch as I love the outdoor feel and the reminder of the country that the campus provides. The student and campus culture also excite me with a passionate student body that offers unique and exciting experiences. I have always wanted to make a difference in the lives of children and support them through high school, so I knew that studying secondary teaching was the best course for me. There is an abundance of great clubs and societies to join on-campus and the student culture definitely sets Murdoch apart from other universities.

JACOB HOWARTH
BACHELOR OF EDUCATION
(SECONDARY TEACHING)
Primary, 1-10 Health and Physical Education

If you want to…
1. Enjoy practical placements, which could include metropolitan, rural, international, multicultural, private and state school environments.
2. Work as a primary school teacher for Years 1 to 6 and as a secondary teacher (up to Year 10).
3. Design, deliver and lead a sport development program for juniors, either within a school or club.

As a Primary, 1-10 Health and Physical Education student you will…
• Gain qualifications in coaching and officiating, with the opportunity to work with specialist coaches from a variety of sporting bodies such as the Western Australian Cricket Association, Tennis Australia, Basketball WA and Hockey WA.
• Complete a Teacher Performance Assessment before graduating in your final year.
• Take advantage of our partnership with the Western Australian Cricket Association and Tennis Australia and gain teaching experience in state team training sessions and high-level sports coaching.
• Create an online portfolio that showcases your expertise and practical experience for your future employers.

You’ll learn
The importance of health and physical education, how to run a sport education program, how to coach a number of different sports, and how to create and manage inclusive and effective learning environments.

Want to be recognised?
This qualification is recognised by the Teacher Registration Board of Western Australia, the Australian Institute for Teaching and School Leadership, and the state, Catholic and independent schools, departments, organisations and associations.

Where it will take you
This course will give you the qualification needed to teach children from Years 1 to 6 in primary schools and to teach Health and Physical Education for secondary students up to Year 10.

What you need to know…

<table>
<thead>
<tr>
<th>BACHELOR OF EDUCATION</th>
<th>Course Code</th>
<th>TISC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUHHEP</td>
<td>B1364</td>
<td></td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

Secondary Teaching

If you want to…
1. Travel the world, coach young people or inspire the next generation of thinkers.
2. Gain a qualification to teach students from Years 7 to 12 in a teaching area you’re passionate about.
3. Explore the role of education in society and learn how to manage a secondary level classroom.

As a Secondary Teaching student you will…
• Choose two majors from science, mathematics, english, society and environment, and physical education.
• Have qualifications in two teaching areas, so you have a competitive advantage with a variety of employers across Australia and overseas.
• Develop your teaching skills in a safe environment through our SimLab™ technology, our virtual classroom using actors and avatars—the only technology of its kind in WA.
• Get valuable experience working in school placements across the secondary years.

You’ll learn
Creating and managing effective learning environments, how to promote inclusive education, adolescent development and health across different countries and cultures.

Want to be recognised?
Murdoch University is currently in the process of seeking accreditation for this new course, and expects to receive recognition from the Teacher Registration Board of Western Australia, and the state, Catholic and independent schools, departments, organisations and associations.

Where it will take you
This course will give you the qualification needed to teach children and young adults in high schools from Years 7 to 12.

What you need to know…

<table>
<thead>
<tr>
<th>BACHELOR OF EDUCATION</th>
<th>Course Code</th>
<th>TISC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUHHEP</td>
<td>B1368</td>
<td></td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

1. Travel the world, coach young people or inspire the next generation of thinkers.
2. Gain a qualification to teach students from Years 7 to 12 in a teaching area you’re passionate about.
3. Explore the role of education in society and learn how to manage a secondary level classroom.

As a Secondary Teaching student you will…
• Choose two majors from science, mathematics, english, society and environment, and physical education.
• Have qualifications in two teaching areas, so you have a competitive advantage with a variety of employers across Australia and overseas.
• Develop your teaching skills in a safe environment through our SimLab™ technology, our virtual classroom using actors and avatars—the only technology of its kind in WA.
• Get valuable experience working in school placements across the secondary years.

You’ll learn
Creating and managing effective learning environments, how to promote inclusive education, adolescent development and health across different countries and cultures.

Want to be recognised?
Murdoch University is currently in the process of seeking accreditation for this new course, and expects to receive recognition from the Teacher Registration Board of Western Australia, and the state, Catholic and independent schools, departments, organisations and associations.

Where it will take you
This course will give you the qualification needed to teach children and young adults in high schools from Years 7 to 12.

What you need to know…

<table>
<thead>
<tr>
<th>BACHELOR OF EDUCATION</th>
<th>Course Code</th>
<th>TISC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUHHEP</td>
<td>B1368</td>
<td></td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

1. Travel the world, coach young people or inspire the next generation of thinkers.
2. Gain a qualification to teach students from Years 7 to 12 in a teaching area you’re passionate about.
3. Explore the role of education in society and learn how to manage a secondary level classroom.

As a Secondary Teaching student you will…
• Choose two majors from science, mathematics, english, society and environment, and physical education.
• Have qualifications in two teaching areas, so you have a competitive advantage with a variety of employers across Australia and overseas.
• Develop your teaching skills in a safe environment through our SimLab™ technology, our virtual classroom using actors and avatars—the only technology of its kind in WA.
• Get valuable experience working in school placements across the secondary years.

You’ll learn
Creating and managing effective learning environments, how to promote inclusive education, adolescent development and health across different countries and cultures.

Want to be recognised?
Murdoch University is currently in the process of seeking accreditation for this new course, and expects to receive recognition from the Teacher Registration Board of Western Australia, and the state, Catholic and independent schools, departments, organisations and associations.

Where it will take you
This course will give you the qualification needed to teach children and young adults in high schools from Years 7 to 12.

What you need to know…

<table>
<thead>
<tr>
<th>BACHELOR OF EDUCATION</th>
<th>Course Code</th>
<th>TISC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUHHEP</td>
<td>B1368</td>
<td></td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

1. Travel the world, coach young people or inspire the next generation of thinkers.
2. Gain a qualification to teach students from Years 7 to 12 in a teaching area you’re passionate about.
3. Explore the role of education in society and learn how to manage a secondary level classroom.

As a Secondary Teaching student you will…
• Choose two majors from science, mathematics, english, society and environment, and physical education.
• Have qualifications in two teaching areas, so you have a competitive advantage with a variety of employers across Australia and overseas.
• Develop your teaching skills in a safe environment through our SimLab™ technology, our virtual classroom using actors and avatars—the only technology of its kind in WA.
• Get valuable experience working in school placements across the secondary years.

You’ll learn
Creating and managing effective learning environments, how to promote inclusive education, adolescent development and health across different countries and cultures.

Want to be recognised?
Murdoch University is currently in the process of seeking accreditation for this new course, and expects to receive recognition from the Teacher Registration Board of Western Australia, and the state, Catholic and independent schools, departments, organisations and associations.

Where it will take you
This course will give you the qualification needed to teach children and young adults in high schools from Years 7 to 12.

What you need to know…

<table>
<thead>
<tr>
<th>BACHELOR OF EDUCATION</th>
<th>Course Code</th>
<th>TISC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUHHEP</td>
<td>B1368</td>
<td></td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

1. Travel the world, coach young people or inspire the next generation of thinkers.
2. Gain a qualification to teach students from Years 7 to 12 in a teaching area you’re passionate about.
3. Explore the role of education in society and learn how to manage a secondary level classroom.

As a Secondary Teaching student you will…
• Choose two majors from science, mathematics, english, society and environment, and physical education.
• Have qualifications in two teaching areas, so you have a competitive advantage with a variety of employers across Australia and overseas.
• Develop your teaching skills in a safe environment through our SimLab™ technology, our virtual classroom using actors and avatars—the only technology of its kind in WA.
• Get valuable experience working in school placements across the secondary years.

You’ll learn
Creating and managing effective learning environments, how to promote inclusive education, adolescent development and health across different countries and cultures.

Want to be recognised?
Murdoch University is currently in the process of seeking accreditation for this new course, and expects to receive recognition from the Teacher Registration Board of Western Australia, and the state, Catholic and independent schools, departments, organisations and associations.

Where it will take you
This course will give you the qualification needed to teach children and young adults in high schools from Years 7 to 12.

What you need to know…

<table>
<thead>
<tr>
<th>BACHELOR OF EDUCATION</th>
<th>Course Code</th>
<th>TISC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUHHEP</td>
<td>B1368</td>
<td></td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

1. Travel the world, coach young people or inspire the next generation of thinkers.
2. Gain a qualification to teach students from Years 7 to 12 in a teaching area you’re passionate about.
3. Explore the role of education in society and learn how to manage a secondary level classroom.

As a Secondary Teaching student you will…
• Choose two majors from science, mathematics, english, society and environment, and physical education.
• Have qualifications in two teaching areas, so you have a competitive advantage with a variety of employers across Australia and overseas.
• Develop your teaching skills in a safe environment through our SimLab™ technology, our virtual classroom using actors and avatars—the only technology of its kind in WA.
• Get valuable experience working in school placements across the secondary years.

You’ll learn
Creating and managing effective learning environments, how to promote inclusive education, adolescent development and health across different countries and cultures.

Want to be recognised?
Murdoch University is currently in the process of seeking accreditation for this new course, and expects to receive recognition from the Teacher Registration Board of Western Australia, and the state, Catholic and independent schools, departments, organisations and associations.

Where it will take you
This course will give you the qualification needed to teach children and young adults in high schools from Years 7 to 12.

What you need to know…

<table>
<thead>
<tr>
<th>BACHELOR OF EDUCATION</th>
<th>Course Code</th>
<th>TISC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUHHEP</td>
<td>B1368</td>
<td></td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

1. Travel the world, coach young people or inspire the next generation of thinkers.
2. Gain a qualification to teach students from Years 7 to 12 in a teaching area you’re passionate about.
3. Explore the role of education in society and learn how to manage a secondary level classroom.

As a Secondary Teaching student you will…
• Choose two majors from science, mathematics, english, society and environment, and physical education.
• Have qualifications in two teaching areas, so you have a competitive advantage with a variety of employers across Australia and overseas.
• Develop your teaching skills in a safe environment through our SimLab™ technology, our virtual classroom using actors and avatars—the only technology of its kind in WA.
• Get valuable experience working in school placements across the secondary years.

You’ll learn
Creating and managing effective learning environments, how to promote inclusive education, adolescent development and health across different countries and cultures.

Want to be recognised?
Murdoch University is currently in the process of seeking accreditation for this new course, and expects to receive recognition from the Teacher Registration Board of Western Australia, and the state, Catholic and independent schools, departments, organisations and associations.

Where it will take you
This course will give you the qualification needed to teach children and young adults in high schools from Years 7 to 12.
Technology

BACHELOR OF INFORMATION TECHNOLOGY

Artificial Intelligence and Autonomous Systems 122
Business Information Systems 122
Computer Science 123
Cyber Security and Forensics 124
Games Technology 124
Internetworking and Network Security 125

BACHELOR OF INFORMATION TECHNOLOGY AND BUSINESS

Information Technology and Business 125

- Push the boundaries of technology to work faster, smarter and more efficiently
GET INDUSTRY-READY IN OUR IT INNOVATION HUB

You’ll have access to a new networking and gaming facility featuring a 24-hour IT Innovation Hub to facilitate training and research. A student common room known as the STAR lounge, in addition to cyber security and networking labs. A mixed and augmented reality studio, also known as the MaARs room, will provide the latest technology for online gaming development.

As an IT student, you can utilise this hub for hands-on learning, as well as a space to work with other students from all IT specialisations. You’ll have the freedom to get creative, collaborate and experiment, while building vital communication and teamwork skills. You’ll also gain familiarity and practice in a high-performance operational computing environment, which will be highly valuable in the eyes of employers when you graduate.

TAKE ON REAL CLIENTS WITH PROJECT-BASED UNITS

Get a taste for your future career by completing an internship or work placement through our dedicated Work Integrated Learning program. Did you know that you could complete a professional practice project unit in your final year of your technology degree? Work in a small team with other students and consult with real clients about business problems and recommend, develop and implement new technologies to solve them.

Some of our students have achieved great things through this unit, including developing technology that has made a real impact on peoples’ lives and the world, creating serious games that help patients with burns to get moving again, and launching an online tool to allow medical experts to collaborate and treat patients in remote areas. Some of these students even went on to work for their clients and be nominated for national and international awards.

DISCOVER THE NEW ESPORTS GAMING HUB

Esports is fast becoming a multibillion dollar industry. Murdoch created its first esports program in 2020, becoming a leading university with our Esports Gaming Hub. The space is for competitive and casual play as well as an avenue for researchers to perform esports related studies.

Some of our students have achieved great things through this unit, including developing technology that has made a real impact on peoples’ lives and the world, creating serious games that help patients with burns to get moving again. Some of them went on to work for their clients and be nominated for national and international awards.

GET CAREER-READY WITH A WESTPAC YOUNG TECHNOLOGISTS SCHOLARSHIP

The Westpac Young Technologists Scholarship can help you network with industry professionals and experience one-of-a-kind career opportunities before you graduate. If you’re starting a tech-based undergraduate degree, you could be eligible for a scholarship worth up to $5,000 per year of study from the Westpac Bicentennial Foundation.

Murdoch is one of five Australian universities to partner with the Westpac Bicentennial Foundation in its Westpac Young Technologists Scholarship Program, which is open to students who are passionate about the power of technology and innovation to shape a better future for Australia. The Westpac Young Technologists Scholarship is open to school leavers who have graduated in the last year and are eager to explore positive change through technology.

For more information visit:
murdoch.edu.au/westpacscholarship

Do you want to make a positive impact on society and help develop effective computing solutions?

Learn more about Computer Science on page 123.
As an Artificial Intelligence and Autonomous Systems student, you will…

• Explore artificial intelligence concepts, methods and systems used by the industry.
• Learn about artificial intelligence algorithms, software design, development and implementation.
• Create and apply artificial intelligence-based software systems to solve real-world problems.
• Take part in a professional practice project unit in the final year of your degree. This will include working in a team with other students and consulting with real clients to recommend, develop and implement new artificial intelligence technologies to solve real-world problems.

You’ll learn
Artificial and autonomous systems theory and practice, AI system design theory, core concepts and principles of computing technology, data visualisation and simulation, machine learning, AI and intelligent agents and systems analysis and design.

Want to be recognised?
Application for accreditation by the Australian Computer Society will be undertaken.

What it will take you
You will have exciting job prospects spanning across multiple industries. There is a large interest in and demand for skilled professionals in this area. Your future career options could include:

• Artificial Intelligence Programmer/Software Developer
• Artificial Intelligence Systems Analyst
• Artificial Intelligence Software Architect
• Data Scientist and Risk Analyst
• Cyber Security Expert

As a Business Information Systems student, you will…

• Learn how information is generated, communicated, stored and applied to a range of business activities.
• Gain the skills and knowledge needed to apply technical solutions to business problems, in addition to an understanding of information systems design, management and development.
• Develop project management, research, oral and written communication skills, ensuring you’re ready to enter the job market.
• Take part in a professional practice project unit in the final year of your degree. This will include working in a team with other students and consulting with real clients to recommend, develop and implement new technologies to solve business problems.

You’ll learn
Systems analysis, design and development, data communications, information systems management, artificial intelligence, application development and enterprise architectures.

Want to be recognised?
This course is accredited at the professional level with the Australian Computer Society.

Where it will take you
You’ll be prepared for a diverse range of career opportunities across information and technology sectors. Your future career options could include:

• Business Analyst
• Systems Analyst
• Database Administrator
• Project Manager
• Business Consultant

As a Business Information Systems student, you will…

• Take part in a professional practice project unit in the final year of your degree.
• Create and apply artificial intelligence-based software systems to solve real-world problems.
• Take on real-world clients with project-based units.
• Access great scholarships like the Westpac Young Technologists Scholarship Program.

Computer Science
If you want to…

1. Take on real-world clients with project-based units.
2. Take on real-world clients with project-based units.
3. Be part of a university whose research in artificial intelligence is ranked world standard.

As a Computer Science student, you will…

• Explore the theory, methods and systems used by the computing industry.
• Learn about algorithms, software design, development and implementation, artificial intelligence and computer systems.
• Create and apply computer and software systems to solve real-world problems.
• Take part in a professional practice project unit in the final year of your degree. This will include working in a team with other students and consulting with real clients to recommend, develop and implement new technologies to solve business problems.

You’ll learn
Systems analysis, design and development, programming, data structures and abstractions, software architectures, intelligent systems and artificial intelligence.

Want to be recognised?
This course is accredited at the professional level with the Australian Computer Society.

Where it will take you
You’ll have the required skills for a diverse range of career opportunities across technology and business sectors. Your future career options could include:

• Artificial Intelligence Expert
• Programmer/Software Developer
• Systems Analyst
• Software Architect
• Computer Systems and Network Manager
• Data Scientist

I'd always had a love for computers, but I just wasn't quite sure what aspect of computers I wanted to study or work with. I found that the first-year units were broad enough that I got to try a bit of everything and gauge what I really wanted to do. I am currently studying a Bachelor of Science majoring in business information systems at Murdoch. When it came time to investigate universities I had heard that Murdoch had the most hands-on degrees compared to the other WA unis. There are also some really awesome IT facilities on campus, including the IT labs and data centre.
Cyber Security and Forensics

If you want to...

1. Be part of the only university in Western Australia that is ranked as world standard in the field of networking and mobile technologies (source: Excellence in Research for Australia 2018).
2. Explore our Cyber Security and Networking Labs—a highly flexible collaborative laboratory space where you can learn all aspects of cyber security.
3. Choose between seven specifically designed IT majors that you can combine into double majors to broaden your skills and career opportunities.

Games Technology

If you want to...

1. Take your passion for gaming and turn it into a successful career.
2. Experience our new mixed and augmented reality studio—a 24/7 workspace you can use for programming and software development, including high-end extreme performance gaming workstations.
3. Go beyond the conventional notions of information technology, as you work on revolutionary ideas, concepts and technologies.

Internetworking and Network Security

If you want to...

1. Make the most of our Cyber Security and Networking Labs—a highly flexible collaborative laboratory space where you can gain practical experience with all aspects of cyber security.
2. Study a course that has been designed in consultation with industry so you can learn relevant skills in security, wired and wireless networks.
3. Be part of a rapidly growing industry where there is an ever-growing need for networking specialists with skills in security.

Information Technology and Business

If you want to...

1. Take advantage of this unique combination of business and technology.
2. Study at a university that is ranked number one in Australia for teaching quality and skills development in Computing and Information Systems (source: The Good Universities Guide 2019).
3. Take on real-world clients and project-based units.

As a Cyber Security and Forensics student, you will...

- Learn the theoretical and practical aspects of different dimensions of cyber security.
- Forensically examine digital evidence, identify and respond to threats and information security incidents.
- Develop digital forensic and critical-thinking skills to solve computer crime.
- Take part in a professional practice project unit in your final year. This will include working in a team with other students and consulting with real clients to recommend, develop and implement new technologies to solve cyber security problems.

You’ll learn

Security architectures and systems administration, information security policy and governance, systems analysis, design and development, server environments and architectures, cyber forensics and information technology and database management.

Want to be recognised?

This course is accredited at the professional level with the Australian Computer Society.

Where it will take you

You will be equipped with the skills you need for professional IT roles aimed at securing our digital future. Your future career options could include:

- IT Security and Risk Analyst/Consultant
- Cyber Security Analyst
- Ethical Hacking
- Network and Security Specialist
- Cyber Forensic Investigator

As a Games Technology student, you will...

- Gain the skills needed to work in both the international games industry and the information technology industry.
- Learn practical software engineering and programming skills required to design and build games, simulation engines and interactive visualisation software applications.
- Explore 3D software design and programming, artificial intelligence, game play and design, graphics programming, interactive virtual environments and multi-user games programming.
- Take part in a professional practice project unit in the final year of your degree. This includes working in a team with other students and consulting with real clients to recommend, develop and implement new technologies to solve business problems.

You’ll learn

Computer graphics principles and programming, games design and programming, virtual environments for games and simulations, game development and artificial intelligence.

Want to be recognised?

This course is accredited at the professional level with the Australian Computer Society.

Where it will take you

You’ll have the skills required for a range of gaming careers in Australia and overseas. Your future career options could include:

- Games Designer
- Games Programmer
- Software Engineer
- Systems Analyst or Programmer
- Artificial Intelligence Programmer

As an Internetworking and Network Security student, you will...

- Develop in-depth knowledge and a range of practical skills required to design, implement and manage secure computer networks.
- Learn the theoretical and practical aspects of different dimensions of network security.
- Learn about project management, research, oral and written communication skills.
- Take part in a professional practice project unit in the final year of your degree. This will include working in a team with other students and consulting with real clients to recommend, develop and implement new technologies to solve business problems.

You’ll learn

Network security, systems analysis, design and development, server environments and architectures and wireless and interactive networks.

Want to be recognised?

This course is accredited at the professional level with the Australian Computer Society. You can also use this course towards achieving Cisco Certifications, which are internationally recognised and vital for roles such as Network Engineer or System Administrator and are considered very desirable by potential employers across a large range of enterprises.

Where it will take you

You'll have the skills required for a range of professional IT roles aimed at securing our digital future. Your future career options could include:

- Network Administrator
- Network Engineer
- Security Specialist
- Systems Administrator
- Systems Engineer

As an Information Technology and Business student, you will...

- Study a unique course that provides you with both high-level technology skills and an understanding of the business world.
- Learn to design innovative analysis systems and strategies in the government sector, in established and emerging businesses, in consultancies, and in the not-for-profit sector.

You’ll learn

Systems analysis, design and development, business intelligence and analytics, global marketing and strategic management, enterprise architectures and organisational theory and behaviour.

Where it will take you

You’re likely to find yourself in demand in the government sector, in established and emerging businesses, in consultancies, and in the not-for-profit sector. Your future career options could include:

- ICT Manager
- Business Analyst
- Database and System Administrator
- Management and Organisational Analyst
- Research and Development Manager
- Contract Program and Project Administrator
- Health and Welfare Analyst/Manager

What you need to know...

BACHELOR OF INFORMATION TECHNOLOGY

<table>
<thead>
<tr>
<th>Intake</th>
<th>Recommended ATAR Subjects</th>
<th>Mathematics Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1 and 2</td>
<td>70</td>
<td>N/A</td>
</tr>
</tbody>
</table>

TISC Code: MUSIF
Course Code: B1390
Duration: 3 years
Selection Rank*: 70

*Minimum Selection Rank required for consideration

BACHELOR OF INFORMATION TECHNOLOGY AND BUSINESS

<table>
<thead>
<tr>
<th>Intake</th>
<th>Recommended ATAR Subjects</th>
<th>Mathematics Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1 and 2</td>
<td>70</td>
<td>N/A</td>
</tr>
</tbody>
</table>

TISC Code: MUSIT
Course Code: B1375
Duration: 3 years
Selection Rank*: 70

*Minimum Selection Rank required for consideration

BACHELOR OF INFORMATION TECHNOLOGY

<table>
<thead>
<tr>
<th>Intake</th>
<th>Recommended ATAR Subjects</th>
<th>Mathematics Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1 and 2</td>
<td>70</td>
<td>N/A</td>
</tr>
</tbody>
</table>

TISC Code: MUSIT
Course Code: B1390
Duration: 3 years
Selection Rank*: 70

*Minimum Selection Rank required for consideration

BACHELOR OF INFORMATION TECHNOLOGY AND BUSINESS

<table>
<thead>
<tr>
<th>Intake</th>
<th>Recommended ATAR Subjects</th>
<th>Mathematics Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1 and 2</td>
<td>70</td>
<td>N/A</td>
</tr>
</tbody>
</table>

TISC Code: MUSIB
Course Code: B1375
Duration: 3 years
Selection Rank*: 70

*Minimum Selection Rank required for consideration

124
125
### Combined degrees

<table>
<thead>
<tr>
<th>Combined Degrees</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Agricultural Science/Bachelor of Business</td>
<td>128</td>
</tr>
<tr>
<td>Bachelor of Business/Bachelor of Entrepreneurship and Innovation</td>
<td>128</td>
</tr>
<tr>
<td>Bachelor of Communication/Bachelor of Creative Media</td>
<td>129</td>
</tr>
<tr>
<td>Bachelor of Criminology/Bachelor of Arts (Psychology)</td>
<td>130</td>
</tr>
<tr>
<td>Bachelor of Criminology/Bachelor of Communication</td>
<td>130</td>
</tr>
<tr>
<td>Bachelor of Criminology/Bachelor of Global Security</td>
<td>131</td>
</tr>
<tr>
<td>Bachelor of Criminology/Bachelor of Science (Forensic Biology and Toxicology)</td>
<td>131</td>
</tr>
<tr>
<td>Bachelor of Laws/Bachelor of Arts</td>
<td>132</td>
</tr>
<tr>
<td>Bachelor of Laws/Bachelor of Arts (Psychology)</td>
<td>132</td>
</tr>
<tr>
<td>Bachelor of Laws/Bachelor of Business</td>
<td>133</td>
</tr>
<tr>
<td>Bachelor of Laws/Bachelor of Communication</td>
<td>134</td>
</tr>
<tr>
<td>Bachelor of Laws/Bachelor of Criminology</td>
<td>135</td>
</tr>
<tr>
<td>Bachelor of Laws/Bachelor of Information Technology</td>
<td>135</td>
</tr>
<tr>
<td>Bachelor of Laws/Bachelor of Global Security</td>
<td>136</td>
</tr>
<tr>
<td>Bachelor of Laws/Bachelor of Science</td>
<td>136</td>
</tr>
<tr>
<td>Bachelor of Laws/Bachelor of Science (Psychology)</td>
<td>137</td>
</tr>
<tr>
<td>Bachelor of Sport and Exercise Science/Bachelor of Science (Psychology)</td>
<td>136</td>
</tr>
<tr>
<td>Bachelor of Sport and Exercise Science/Graduate Diploma in Clinical Exercise Physiology</td>
<td>138</td>
</tr>
</tbody>
</table>

- Tailor your skillset to suit your career
As a Business and Entrepreneurship and Innovation student you will…
• Develop the kind of business knowledge, skills and new ways of thinking you can use to bring fresh ideas to existing organisations or create your own business venture.
• Have the confidence to make a difference in both corporate and small business settings, or gain the skills you need to work for yourself.

You’ll learn
Entrepreneurial marketing, the cultures of innovation, entrepreneurial strategies, and resourcing an entrepreneurial venture.

Where it will take you
You could work for yourself or work within any industry or sector. Your future career options could include:
• Entrepreneur or Business Owner
• Intrapreneur (you could be a manager within a company who promotes new product development and marketing)
• Account Executive
• Business Analyst or Manager
• Chief Executive Officer or Chief Financial Officer

Bachelor of Communication/ Bachelor of Creative Media
If you want to…
1. Transition from being an independent and innovative creative arts and communications student into a well-rounded professional with a strong understanding of industry
2. Be mentored by highly experienced creative media and communication academics who will share their industry skills and knowledge with you.
3. Be able to customise your degree to suit what you’re interested in – and your career aspirations.

You’ll learn
VR platforms and publishing, mobile app and interaction design, communication strategy and planning, broadcasting and digital news gathering, web design and directing and producing.

Where it will take you
With your combination of technical skills and specialised communication knowledge, your future career options could include:
• Journalist
• Public Relations Officer
• Graphic Designer
• Animator
• Television and Online Producer

What you need to know…

Recommended ATAR Subjects
BACHELOR OF COMMUNICATION/ BACHELOR OF CREATIVE MEDIA
(Graphic Design and Strategic Communication)

Georgia Earnshaw

When talking to the Academic Chairs at Open Day, I remember feeling inspired by how passionate and excited they were about their field. I am happy to say that I still see that passion, and leave each class absolutely buzzing and feeling inspired. At Murdoch, there is a strong emphasis that each degree teaches skills that have the potential to improve society and change the world.

Murdoch provides students with real-world experience. Over the last three years of my degree, I have collaborated with a range of external clients sourced though the university, which has provided me with real and relevant experience. This has given me more confidence before entering the workforce.

Georgia Earnshaw
Bachelor of Communication/ Bachelor of Creative Media
Bachelor of Criminology/ Bachelor of Arts (Psychology)

If you want to...
1. Build your network from within our law, psychology and criminology disciplines, making use of our strong ties to the Western Australian legal, psychology and business communities.
2. Use real local data on local crime to generate hypotheses about crime patterns and trends.
3. Graduate with two qualifications, a unique skillset and even more career opportunities.

Want to be recognised?
The Bachelor of Arts in Psychology is accredited by the Australian Psychology Accreditation Council (APAC).

Where it will take you
Across the world, organisations are facing more dangerous and varied security threats than ever before. When you graduate, your career opportunities could include working in the intelligence services, Australian Defence Force, and State and Federal government agencies. Your future career options could include:
- Criminologist
- Customs and Protection Officer
- Defence Force Officer
- Immigration and Citizenship Officer
- State and Federal Law Enforcement Officer
- Intelligence Services (private or public)
- Border Force Officer

As a Criminology and Arts (Psychology) student you will...
- Examine crime from a range of perspectives— including law, sociology and psychology—so you learn how to reduce and prevent crime, and help both victims and offenders in the criminal justice system.
- Explore how the mind works, why people commit offences and what can be done to rehabilitate them.
- Combine your psychology degree with a Bachelor of Criminology, to build your expertise in the social and developmental areas of psychology, and complete a unit in family relations and social development.

You’ll learn
Criminal behaviour, international and transnational crimes, psychological science, cultural psychology, and psychology and law.

As a Criminology and Communication student you will...
- Gain a broad range of skills and ways of thinking that will really give you a competitive edge in your career.
- Investigate criminal behaviour, the science behind crime and legal studies.
- Be able to customise your degree to suit your interests and career aspirations. With your Bachelor of Criminology, you can choose to major in legal studies, criminal behaviour, crime science or white-collar corporate crime.
- be able to major in journalism, strategic communication or global media and communication.

You’ll learn
Crime scene investigation, children and crime, communication strategy and planning, broadcasting and digital news gathering and communicating global issues.

As a Criminology and Global Security student you will...
- Learn to build the expertise in criminology and security you need to help tackle today’s global concerns.
- Learn what causes growing crime rates, what goes on behind criminal minds and behaviours, and discover how the legal system shapes our society.
- Delve into the history and causes of terrorism, how it affects society and what can be done about it.

You’ll learn
International and transnational crimes, psychology and law, social and welfare law, understanding international politics, and United Nations policies and global security.

Where it will take you
Across the world, organisations are facing more dangerous and varied security threats than ever before. When you graduate, your career opportunities could include working in the intelligence services, Australian Defence Force, and State and Federal government agencies. Your future career options could include:
- Criminologist
- Customs and Protection Officer
- Defence Force Officer
- Immigration and Citizenship Officer
- State and Federal Law Enforcement Officer
- Intelligence Services (private or public)
- Border Force Officer

If you want to...
1. Study a course that is not offered anywhere else in Australia.
2. Travel to Indonesia for a semester as part of our Study Indonesia Australian Consortium for ‘In-Country’ Indonesian Studies program.
3. Explore a range of perspectives on issues including interpersonal violence, political violence and transnational crime.

As a Criminology and Science (Forensic Biology and Toxicology) student you will...
- Apply DNA sequencing and other forensic techniques from the lab to simulated crime scenes.
- Learn about a range of forensic disciplines including forensic pathology, the pathology of asphyxiation, electrocution, gunshot wounds and fatal fire injuries, as well as how to recognise blunt and sharp force injuries and the weapons that cause them.
- Explore the motivations and patterns of criminal behaviour in Australia, the science that helps solve major crime, and how our justice system works in Australia.

You’ll learn
Crime scene investigation, children and crime, forensic DNA analysis, forensic anatomy, and anthropology and forensic toxicology.

Where it will take you
This combined degree will set you up for a career in either the criminal justice system or forensic. Your future career options could include:
- Criminologist
- Forensic Investigator or Scientist
- Laboratory Analyst
- State or Federal Police Law Enforcement Officer
- Intelligence Officer
- Health Department or Hospital Researcher

As a Criminology and Science (Forensic Biology and Toxicology) student you will...
- Explore the motivations and patterns of criminal behaviour in Australia, the science that helps solve major crime, and how our justice system works in Australia.

You’ll learn
Crime scene investigation, children and crime, forensic DNA analysis, forensic anatomy, and anthropology and forensic toxicology.

Where it will take you
This combined degree will set you up for a career in either the criminal justice system or forensic. Your future career options could include:
- Criminologist
- Forensic Investigator or Scientist
- Laboratory Analyst
- State or Federal Police Law Enforcement Officer
- Intelligence Officer
- Health Department or Hospital Researcher

Recommended ATAR Subjects
- Year 11: English Language 70
- Year 12: English Literature 70

Minimum Selection Rank Required for Consideration
- Bachelor of Criminology/ Bachelor of Arts (Psychology): 70
- Bachelor of Criminology/ Bachelor of Communication: 70
- Bachelor of Criminology/ Bachelor of Global Security: 70
- Bachelor of Criminology/ Bachelor of Science (Forensic Biology and Toxicology): 70

MUCAP
- Bachelor of Criminology/ Bachelor of Arts (Psychology): B1347
- Bachelor of Criminology/ Bachelor of Communication: B1362
- Bachelor of Criminology/ Bachelor of Global Security: B1366
- Bachelor of Criminology/ Bachelor of Science (Forensic Biology and Toxicology): B1360

Duration
- Bachelor of Criminology/ Bachelor of Arts (Psychology): 4 years
- Bachelor of Criminology/ Bachelor of Communication: 4 years
- Bachelor of Criminology/ Bachelor of Global Security: 4 years
- Bachelor of Criminology/ Bachelor of Science (Forensic Biology and Toxicology): 4 years

TISC Code
- Bachelor of Criminology/ Bachelor of Arts (Psychology): MUCAP
- Bachelor of Criminology/ Bachelor of Communication: MUCBC
- Bachelor of Criminology/ Bachelor of Global Security: MUCGS
- Bachelor of Criminology/ Bachelor of Science (Forensic Biology and Toxicology): MUCBS

Course Code
- Bachelor of Criminology/ Bachelor of Arts (Psychology): B1347
- Bachelor of Criminology/ Bachelor of Communication: B1362
- Bachelor of Criminology/ Bachelor of Global Security: B1366
- Bachelor of Criminology/ Bachelor of Science (Forensic Biology and Toxicology): B1360

Selection Rank*
- Bachelor of Criminology/ Bachelor of Arts (Psychology): 70
- Bachelor of Criminology/ Bachelor of Communication: 70
- Bachelor of Criminology/ Bachelor of Global Security: 70
- Bachelor of Criminology/ Bachelor of Science (Forensic Biology and Toxicology): 70

Semester 1 and 2
- Bachelor of Criminology/ Bachelor of Arts (Psychology): YES
- Bachelor of Criminology/ Bachelor of Communication: YES
- Bachelor of Criminology/ Bachelor of Global Security: YES
- Bachelor of Criminology/ Bachelor of Science (Forensic Biology and Toxicology): YES

Recommended ATAR Subjects
- Bachelor of Criminology/ Bachelor of Arts (Psychology): N/A
- Bachelor of Criminology/ Bachelor of Communication: N/A
- Bachelor of Criminology/ Bachelor of Global Security: N/A
- Bachelor of Criminology/ Bachelor of Science (Forensic Biology and Toxicology): N/A

*Minimum Selection Rank required for consideration

What you need to know…

Bachelor of Criminology/ Bachelor of Arts (Psychology)

If you want to…
1. Advance your creative thinking and communication skills as you learn to investigate social problems and crime from a criminal behaviour perspective.
2. Work with organisations on real projects as part of our Work Integrated Learning Program.
3. Get more real-world experience in our on-campus student creative consultancy MESH.

What you need to know…

Bachelor of Criminology/ Bachelor of Communication

If you want to…
1. Study the only course of its kind in Western Australia.
2. Study analytical techniques for toxicology in our state-of-the-art laboratory, which is part of the Australian National Phenome Centre.
3. Learn the latest real-world techniques and policies, with course input and guest lectures by forensic experts.

What you need to know…

Bachelor of Criminology/ Bachelor of Global Security

If you want to…
1. Study a course that is not offered anywhere else in Australia.
2. Travel to Indonesia for a semester as part of our Study Indonesia Australian Consortium for ‘In-Country’ Indonesian Studies program.
3. Explore a range of perspectives on issues including interpersonal violence, political violence and transnational crime.

What you need to know…

Bachelor of Criminology/ Bachelor of Science (Forensic Biology and Toxicology)

If you want to…
1. Apply DNA sequencing and other forensic techniques from the lab to simulated crime scenes.
2. Learn about a range of forensic disciplines including forensic pathology, the pathology of asphyxiation, electrocution, gunshot wounds and fatal fire injuries, as well as how to recognise blunt and sharp force injuries and the weapons that cause them.
3. Explore the motivations and patterns of criminal behaviour in Australia, the science that helps solve major crime, and how our justice system works in Australia.

What you need to know…
**Bachelor of Arts / Bachelor of Arts**

*If you want to...*

1. Get work experience through our Work Integrated Learning program which allows you to intern at local and international organisations.
2. Join Western Australia’s largest and most successful moot program, competing across Australia and the world.
3. Gain a competitive edge in your law career by allowing you to specialise in areas such as politics.

---

**As a Law and Arts student, you will...**

- Hone your communication and problem-solving skills.
- Learn professional presentation skills, media liaison and language skills, with the option to explore policies and international relations.
- Create an e-portfolio to showcase your work to employers when you graduate.

---

You’ll learn

- Criminal law and procedure, legal protection of international human rights, refugee and family law, introduction to mootings and an introduction to legal practice.

---

Want to be recognised?

The Bachelor of Laws degree meets the educational requirements of the Legal Practice Board of Western Australia for admission as a practising lawyer. If you would like to become a practising lawyer, you can complete your practical legal training on-campus thanks to our partnerships with Leo Cussen and College of Law.

---

Where it will take you

Studying law in combination with arts can lead to a career in any area or industry, from navigating human rights to exploring language skills, with the option to explore policies and international relations.

---

What you need to know...

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MULBA</td>
<td>B1271</td>
<td>5 years</td>
<td>90</td>
</tr>
<tr>
<td>Intake</td>
<td></td>
<td>Semester 1 and 2</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration*

---

**Bachelor of Laws / Bachelor of Arts (Psychology)**

*If you want to...*

1. Explore criminal behaviour, relationships and the workings of the human mind.
2. Earn credit towards your degree with hands-on legal training in our award-winning clinic, working with real clients, in areas such as human rights, family law and indigenous issues.
3. Develop analytical skills alongside contemporary scientific research methods.

---

As a Law and Psychology (Arts) student you will...

- Build specialist expertise in the social and developmental areas of psychology and complete a unit in Family Relations and Social Development.
- Explore crime from a range of perspectives, including law, sociology and psychology and learn how to reduce or prevent crime and help both the victims and offenders involved in the criminal justice system.
- Examine leading-edge research and have opportunities for practical experience to explore how we make sense of ourselves.

---

You’ll learn

- Trial advocacy, legal protection of international human rights, psychological science, cultural psychology and psychology and law.

---

Want to be recognised?

The Bachelor of Laws (LLB) degree meets the educational requirements of the Legal Practice Board of Western Australia for admission as a practising lawyer; and has specific pre-requisites for registration that you must meet to qualify for admission.

---

Where it will take you

You could work in a range of industries including business, health or other roles in local, state and federal government or non-governmental organisations. Your future career options could include:

- Lawyer
- Legal Practitioner
- Psychologist
- Human Resources or Marketing Officer
- Researcher

---

What you need to know...

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MULAP</td>
<td>B1272</td>
<td>5 years</td>
<td>90</td>
</tr>
<tr>
<td>Intake</td>
<td></td>
<td>Semester 1 and 2</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration*

---

**Bachelor of Laws / Bachelor of Business**

*If you want to...*

1. Get experience in the corporate world so you can have an understanding of how the industry works, allowing you to make better-informed decisions as a legal practitioner.
2. Build your network of contacts by becoming a member of professional bodies and associations through our industry connections.
3. Graduate with two qualifications, giving you a unique skillset.

---

As a Law and Business student you will...

- Develop an in-depth understanding of business strategy, management, analytics and many other areas.
- Gain a broader understanding of private and public corporations and their legal implications, giving you a competitive advantage in your career.
- Be able to specialise in areas such as Accounting, Business Law, Finance, Hospitality and Tourism Management, Human Resources Management, Management, and Marketing.

---

You’ll learn

- Trial advocacy, legal protection of international human rights, foundations of accounting, business in society, transforming business.

---

Want to be recognised?

The Bachelor of Laws degree meets the educational requirements of the Legal Practice Board of Western Australia for admission as a practising lawyer. If you would like to become a practising lawyer, you can complete your practical legal training on-campus thanks to our partnerships with Leo Cussen and College of Law.

---

Where it will take you

You could work in a range of industries including business or other roles in local, state and federal government, non-governmental organisations or other areas as in-house counsel. Your future career options could include:

- Lawyer
- Legal Advisor in the corporate sector
- Legal Practitioner
- Commercial Lawyer
- Investment Lawyer

---

What you need to know...

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MULBB</td>
<td>B1281</td>
<td>5 years</td>
<td>90</td>
</tr>
<tr>
<td>Intake</td>
<td></td>
<td>Semester 1 and 2</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration *

---

ASHER WILKINS RICETTI

BACHELOR OF LAWS / BACHELOR OF BUSINESS

(HUMAN RESOURCES MANAGEMENT)
Bachelor of Laws/Bachelor of Communication

If you want to...

1. Perfect your communication and presentation skills to gain a competitive edge in your career.
2. Join Western Australia’s largest and most successful moot court program, competing across Australia and the world.
3. Earn credit towards your degree with hands-on legal training in our award-winning clinic working with real clients in areas such as human rights, family law and indigenous issues.

As a Law and Communication student you will...

• Home your communication and problem-solving skills to give you a competitive edge in your career.
• Gain additional skills to use in your future career, including presentation skills, media liaison, broadcasting, writing, news media, public affairs, advocacy and more.
• Create an e-portfolio to showcase your work to employers when you graduate.

You’ll learn

Criminal law and procedure, refugee and family law, how to communicate global issues, media audiences, governance and globalisation and digital media skills.

Want to be recognised?
The Bachelor of Laws (LLB) degree meets the educational requirements of the Legal Practice Board of Western Australia for admission as a practising lawyer. If you would like to become a practising lawyer, you can complete your practical legal training on-campus thanks to our partnerships with Leo Cussen and College of Law.

This degree is accredited by the Malaysian Bar Council and the Indian Bar Council.

Where it will take you

You could have a career in any area or industry, from navigating human rights to pursuing a career in politics. Your future career options could include:

• Lawyer
• Solicitor or Barrister
• Corporate Communicator
• Ambassador
• Politician

Bachelor of Laws/Bachelor of Criminology

If you want to...

1. Understand why people commit offences, how to reduce or prevent crime, and how to help both victims and offenders.
2. Challenge common perceptions of crime.
3. Graduate with two qualifications, enhancing your career prospects and learning to work across different industries.

As a Law and Criminology student you will...

• Examine crime from a range of perspectives, including law, sociology and psychology and learn to reduce or prevent crime and help both the victims and offenders involved in the criminal justice system.
• Be able to specialise in criminal behaviour, crime science or white collar and corporate crime.

You’ll learn

Criminal law and procedure, legal protection of international human rights, international and transnational crimes and criminal behaviour.

Want to be recognised?
The Bachelor of Laws degree meets the educational requirements of the Legal Practice Board of Western Australia for admission as a practising lawyer. If you would like to become a practising lawyer, you can complete your practical legal training on-campus thanks to our partnerships with Leo Cussen and College of Law.

This degree is accredited by the Malaysian Bar Council and the Indian Bar Council.

Where it will take you

Studying law in combination with criminology can lead to a career in any area or industry, from navigating human rights to pursuing a career in the police force. You could work in the public or private sector, fighting for the rights of those who are disadvantaged or unfairly treated, and creating a better society. Your future career options could include:

• Lawyer
• Criminologist
• Federal or State Security and Law Enforcement Officer
• Crime Prevention Officer
• Financial Forensics Officer

Bachelor of Laws/Bachelor of Global Security

If you want to...

1. Study a combined degree that is not offered anywhere else in Australia.
2. Work on real cases in collaboration with our SCALES Community Legal Clinic, simulate court proceedings through our moot program.
3. Learn how to address some of the world’s biggest security challenges.

As a Law and Global Security student you will...

• Explore the complex causes of terrorism, how it is shaping the world, and what can be done about it.
• Develop a deeper understanding of the security challenges of the Indo-Pacific region (including Australia) and potential solutions in the form of counterterrorism.
• Gain a new perspective on a range of domestic and global issues, and how the law and policies change in response to these issues.

You’ll learn

Trial advocacy, legal protection of international human rights, refugee law, terrorism in a globalised world and Middle East politics and security.

Want to be recognised?
The Bachelor of Laws degree meets the educational requirements of the Legal Practice Board of Western Australia for admission as a practising lawyer. If you would like to become a practising lawyer, you can complete your practical legal training on-campus thanks to our partnerships with Leo Cussen and College of Law.

This degree is accredited by the Malaysian Bar Council and the Indian Bar Council.

Where it will take you

Across the world, organisations are facing more dangerous and varied security threats than ever before. When you graduate with a combined degree in Laws and Global Security, you could pursue a wide range of career opportunities in the intelligence services, the legal sector, and in state and national government departments. Your future career options could include:

• Intelligence Services (private or public)
• Lawyer
• Legal Practitioner
• Security Analyst
• Customs and Protections Officer
• Defence Force or Border Force Officer
• State and Federal Law Enforcement Officer

What you need to know...

Bachelor of Communication

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUCM01</td>
<td>B1036</td>
<td>5 years</td>
<td>90</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

Bachelor of Laws

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUCM02</td>
<td>B1036</td>
<td>5 years</td>
<td>90</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

Bachelor of Criminology

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUCM03</td>
<td>B1036</td>
<td>5 years</td>
<td>90</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

Bachelor of Global Security

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUCM04</td>
<td>B1036</td>
<td>5 years</td>
<td>90</td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration
### Bachelor of Laws/Bachelor of Information Technology

**If you want to...**

1. Study a degree that has been designed in collaboration with our industry advisors and clients.
2. Specialise in technology-related fields such as cyber security, organisational systems design, application design and development or artificial intelligence (AI).
3. Benefit from our strong ties to the law and IT industries.

As a Law and Information Technology student you will...

- Take a hands-on approach to the law, develop strong real-life legal skills through our clinical program and develop your reasoning skills in our internationally recognised moulding program.
- Practice law in a range of complex IT settings and have the opportunity to take part in project-based units and solve problems for real clients.
- Explore theory, methods and systems used in the IT industry and acquire strong analytical, research, design and technology skills combined with a very strong understanding of software design and programming.

**You’ll learn**

Australian legal system, legal and policy issues, frameworks and principles of law, ethical issues, abstraction and systems thinking and design and decision-making methodologies.

**Want to be recognised?**

The Bachelor of Laws (LLB) degree meets the educational requirements of the Legal Practice Board of Western Australia for admission as a practising lawyer. If you would like to become a practising lawyer, you can complete your practical legal training on-campus thanks to our partnerships with Leo Cussen and College of Law.

This degree is accredited by the Malaysian Bar Council and the Indian Bar Council.

**Where it will take you**

A combination of law and science degrees will give you the skills, knowledge and ways of thinking you need to pursue a wide range of rewarding careers across many industries. Your future career options could include:

- Defence Lawyer
- Restorative Ecologist
- Forensic Investigator
- Crime Scene Officer
- Atmospheric or Climate Change Scientist

### Bachelor of Laws/Bachelor of Science

**If you want to...**

1. Explore a degree which has you add a scientific specialisation to your law degree.
2. Graduate with two qualifications, a unique skillset and even more career opportunities.
3. Travel while you earn credit towards your law degree, with opportunities to study in Italy, Switzerland, India or take an internship in Germany.

As a Law and Science student you will...

- Develop the kind of observation, analysis and reasoning skills that will give you a competitive edge in your career.
- Be able to specialise in forensic biology and toxicology, environmental science or environmental management and sustainability.

**You’ll learn**

The legal protection of international human rights, water and earth science, forensic DNA analysis, environmental restoration, and global and regional sustainability.

**Want to be recognised?**

The Bachelor of Laws degree meets the educational requirements of the Legal Practice Board of Western Australia for admission as a practising lawyer. If you would like to become a practising lawyer, you can complete your practical legal training on-campus thanks to our partnerships with Leo Cussen and College of Law.

This degree is accredited by the Malaysian Bar Council and the Indian Bar Council.

**Where it will take you**

A combination of law and science degrees will give you the skills, knowledge and ways of thinking you need to pursue a wide range of rewarding careers across many industries. Your future career options could include:

- Defence Lawyer
- Restorative Ecologist
- Forensic Investigator
- Crime Scene Officer
- Atmospheric or Climate Change Scientist

### Bachelor of Laws/Bachelor of Science (Psychology)

**If you want to...**

1. Develop analytical skills alongside contemporary scientific research methods for investigating human minds and behaviour.
2. Get valuable work experience through our Work Integrated Learning program which allows you to intern at real law firms and clinics.
3. Become a registered psychologist.

As a Law and Science (Psychology) student you will...

- Take a hands-on approach to the law, develop strong real-life legal skills through our clinical program and develop your reasoning skills in our internationally recognised moulding program.
- Practice law in a range of complex IT settings and have the opportunity to take part in project-based units and solve problems for real clients.
- Explore theory, methods and systems used in the IT industry and acquire strong analytical, research, design and technology skills combined with a very strong understanding of software design and programming.

**You’ll learn**

Australian legal system, legal and policy issues, frameworks and principles of law, ethical issues, abstraction and systems thinking and design and decision-making methodologies.

**Want to be recognised?**

The Bachelor of Laws degree meets the educational requirements of the Legal Practice Board of Western Australia for admission as a practising lawyer. If you would like to become a practising lawyer, you can complete your practical legal training on-campus thanks to our partnerships with Leo Cussen and College of Law.

This degree is accredited by the Malaysian Bar Council and the Indian Bar Council.

**Where it will take you**

A combination of law and science degrees will give you the skills, knowledge and ways of thinking you need to pursue a wide range of rewarding careers across many industries. Your future career options could include:

- Lawyer
- Legal Practitioner
- Psychologist
- Human Resources or Marketing Officer
- Researcher

**Want to be recognised?**

The Bachelor of Laws degree meets the educational requirements of the Legal Practice Board of Western Australia for admission as a practising lawyer. If you would like to become a practising lawyer, you can complete your practical legal training on-campus thanks to our partnerships with Leo Cussen and College of Law.

This degree is accredited by the Malaysian Bar Council and the Indian Bar Council.

**Where it will take you**

A combination of law and science degrees will give you the skills, knowledge and ways of thinking you need to pursue a wide range of rewarding careers across many industries. Your future career options could include:

- Lawyer
- Legal Practitioner
- Psychologist
- Human Resources or Marketing Officer
- Researcher

**What you need to know...**

**TISC Code**

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MULT</td>
<td>B1398</td>
<td>5 years</td>
<td>90</td>
</tr>
<tr>
<td>Intake</td>
<td>Recommended ATAR Subjects</td>
<td>90</td>
<td></td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

**Recommended ATAR Subjects**

- Biology or Human Biology
- Chemistry
- Mathematics Applications or Methods, Physics

**What you need to know...**

**TISC Code**

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Selection Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MULT</td>
<td>B1365</td>
<td>5 years</td>
<td>90</td>
</tr>
<tr>
<td>Intake</td>
<td>Recommended ATAR Subjects</td>
<td>90</td>
<td></td>
</tr>
</tbody>
</table>

*Minimum Selection Rank required for consideration

**Recommended ATAR Subjects**

- Biology or Human Biology
- Chemistry
- Mathematics Applications or Methods, Physics
Bachelor of Sport and Exercise Science/ Bachelor of Science (Psychology)

If you want to...
1. Learn about two disciplines to broaden your career options.
2. Learn how to prescribe exercise to improve the movement of both athletes and the general population.
3. Benefit from our partnership with the WACA and build your knowledge from academics who are actively researching professional sports.

As a Sport and Exercise Science and Psychology (Science) student you will...
• Learn practical skills in purpose-built state-of-the-art facilities including an exercise physiology laboratory.
• Explore the major fields in psychology including human development, neuroscience, and emotion to gain an understanding of how both nature and nurture shape us as people.
• Learn about the delivery of exercise, lifestyle and behavioural modification programs to help prevent and manage chronic diseases and injury.
• Put your knowledge and skills to the test in your fourth year through an industry placement in exercise science.

You’ll learn
The research behind sport and exercise science, sports psychology, functional human anatomy and biomechanics, measurement and manipulation of exercise motor skills and exercise programming and prescription, and rehabilitation.

Want to be recognised?
The Bachelor of Science and Arts in Psychology is accredited by the Australian Psychology Accreditation Council (APAC). Graduates are eligible to apply to register with Exercise and Sports Science Australia as an Accredited Exercise Scientist.

Where it will take you
You’ll graduate ready to work in sports bodies, health promotion and local government. Your future career options could include:
• Sport and Exercise Scientist
• Strength and Conditioning Coach
• Sport and Recreation Officer
• Sport and Exercise Physiologist or Sports Psychologist (with further study)

What you need to know...

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>BU132</td>
<td>B134</td>
<td>4 years</td>
<td>Semester 1 and 2</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects
Human Biology, Mathematics, Physical Education Studies

 Bachelor of Sport and Exercise Science/ Graduate Diploma in Clinical Exercise Physiology

If you want to...
1. Study the only integrated exercise physiology qualification in Western Australia.
2. Build skills in a supportive learning environment where you can work closely with lecturers.
3. Learn in purpose-built, state-of-the-art facilities that include a dedicated exercise physiology and performance rehabilitation laboratory.

As a Sport and Exercise Science and Clinical Exercise Physiology student you will...
• Develop, implement and manage physical activity and behavioural programs for healthy clients and clients living with a range of chronic conditions.
• Learn about the delivery of exercise, lifestyle and behavioural modification programs to help prevent and manage chronic diseases and injury.
• Have a unique opportunity to fill the void between acute care and long-term management of people living with health conditions.
• Have a clear path from your first year of study through to your fourth and final year. At the end of your first three years, you will have completed a Bachelor of Sport and Exercise Science which guarantees entry into the one-year Graduate Diploma in Clinical Exercise Physiology (minimum 2.0 GPA required to enter Graduate Diploma).

You’ll learn
Strength and resistance training, exercise, programming and prescription, sport and exercise psychology, advanced skills and motor control, cardiopulmonary, metabolic and neuromuscular rehabilitation.

Want to be recognised?
On graduation from the four-year program, you will be eligible to apply for your Exercise Physiology accreditation and become an Accredited Exercise Physiologist. At the end of your third year of study, you are eligible to apply for your Exercise Scientist Accreditation.

Where it will take you
You could work in a range of industries including the private sector, universities, and government institutions. Your future career options could include:
• Accredited Exercise Physiologist, Exercise Scientist or Sports Scientist
• Rehabilitation Consultant
• Strength and Conditioning Coach

What you need to know...

<table>
<thead>
<tr>
<th>TISC Code</th>
<th>Course Code</th>
<th>Duration</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>BU134</td>
<td>B134</td>
<td>4 years</td>
<td>Semester 1 and 2</td>
</tr>
</tbody>
</table>

Recommended ATAR Subjects
Human Biology, Physical Education Studies

Undergraduate course list

Business

<table>
<thead>
<tr>
<th>Business</th>
<th>DURATION (YEARS)</th>
<th>SELECTION RANK*</th>
<th>TISC CODE</th>
<th>COURSE CODE</th>
<th>RECOMMENDED ATAR SUBJECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>3</td>
<td>70</td>
<td>MULBS</td>
<td>B1367</td>
<td>Mathematics Applications</td>
</tr>
<tr>
<td>Business Law</td>
<td>3</td>
<td>70</td>
<td>MULBL</td>
<td>B1367</td>
<td>N/A</td>
</tr>
<tr>
<td>Entrepreneurship and Innovation</td>
<td>3</td>
<td>70</td>
<td>MULBS</td>
<td>B1367</td>
<td>N/A</td>
</tr>
<tr>
<td>Finance</td>
<td>3</td>
<td>70</td>
<td>MULBS</td>
<td>B1367</td>
<td>Mathematics Applications</td>
</tr>
<tr>
<td>Global Business and Politics</td>
<td>3</td>
<td>70</td>
<td>MULBS</td>
<td>B1367</td>
<td>N/A</td>
</tr>
<tr>
<td>Hospitality and Tourism Management</td>
<td>3</td>
<td>70</td>
<td>MULBS</td>
<td>B1367</td>
<td>Mathematics Applications</td>
</tr>
<tr>
<td>Human Resource Management</td>
<td>3</td>
<td>70</td>
<td>MULBS</td>
<td>B1367</td>
<td>N/A</td>
</tr>
<tr>
<td>International Business</td>
<td>3</td>
<td>70</td>
<td>MULBS</td>
<td>B1367</td>
<td>N/A</td>
</tr>
<tr>
<td>Management</td>
<td>3</td>
<td>70</td>
<td>MULBS</td>
<td>B1367</td>
<td>N/A</td>
</tr>
<tr>
<td>Marketing</td>
<td>3</td>
<td>70</td>
<td>MULBS</td>
<td>B1367</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Bachelor of Comerce

<table>
<thead>
<tr>
<th>Business</th>
<th>DURATION (YEARS)</th>
<th>SELECTION RANK*</th>
<th>TISC CODE</th>
<th>COURSE CODE</th>
<th>RECOMMENDED ATAR SUBJECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>HR Management and Analytics</td>
<td>2</td>
<td>70</td>
<td>MULCM</td>
<td>B1392</td>
<td>Mathematics Applications</td>
</tr>
<tr>
<td>Professional Accounting</td>
<td>2</td>
<td>70</td>
<td>MULCM</td>
<td>B1392</td>
<td>Mathematics Applications</td>
</tr>
</tbody>
</table>

Creative Arts and Communication

<table>
<thead>
<tr>
<th>Business</th>
<th>DURATION (YEARS)</th>
<th>SELECTION RANK*</th>
<th>TISC CODE</th>
<th>COURSE CODE</th>
<th>RECOMMENDED ATAR SUBJECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>English and Creative Writing</td>
<td>3</td>
<td>70</td>
<td>MULR</td>
<td>B1356</td>
<td>N/A</td>
</tr>
<tr>
<td>Games Art and Design</td>
<td>3</td>
<td>70</td>
<td>MULCM</td>
<td>B1345</td>
<td>N/A</td>
</tr>
<tr>
<td>Graphic Design</td>
<td>3</td>
<td>70</td>
<td>MULCM</td>
<td>B1345</td>
<td>N/A</td>
</tr>
<tr>
<td>Photography</td>
<td>3</td>
<td>70</td>
<td>MULCM</td>
<td>B1345</td>
<td>Visual Arts</td>
</tr>
<tr>
<td>Screen Production</td>
<td>3</td>
<td>70</td>
<td>MULCM</td>
<td>B1345</td>
<td>N/A</td>
</tr>
<tr>
<td>Sound</td>
<td>3</td>
<td>70</td>
<td>MULCM</td>
<td>B1345</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Bachelor of Creative Media

<table>
<thead>
<tr>
<th>Business</th>
<th>DURATION (YEARS)</th>
<th>SELECTION RANK*</th>
<th>TISC CODE</th>
<th>COURSE CODE</th>
<th>RECOMMENDED ATAR SUBJECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Media and Communication</td>
<td>3</td>
<td>70</td>
<td>MULCM</td>
<td>B1342</td>
<td>N/A</td>
</tr>
<tr>
<td>Journalism</td>
<td>3</td>
<td>70</td>
<td>MULCM</td>
<td>B1342</td>
<td>N/A</td>
</tr>
<tr>
<td>Strategic Communication</td>
<td>3</td>
<td>70</td>
<td>MULCM</td>
<td>B1342</td>
<td>N/A</td>
</tr>
<tr>
<td>Web Communication</td>
<td>3</td>
<td>70</td>
<td>MULCM</td>
<td>B1342</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Bachelor of Digital Media and Communication

<table>
<thead>
<tr>
<th>Business</th>
<th>DURATION (YEARS)</th>
<th>SELECTION RANK*</th>
<th>TISC CODE</th>
<th>COURSE CODE</th>
<th>RECOMMENDED ATAR SUBJECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Laws/Bachelor of Arts</td>
<td>5</td>
<td>90</td>
<td>MULBA</td>
<td>B1370</td>
<td>N/A</td>
</tr>
<tr>
<td>Bachelor of Communications/Bachelor of Arts</td>
<td>4</td>
<td>70</td>
<td>MULBA</td>
<td>B1344</td>
<td>N/A</td>
</tr>
<tr>
<td>Bachelor of Commerce/Bachelor of Arts</td>
<td>4</td>
<td>70</td>
<td>MULCB</td>
<td>B1362</td>
<td>N/A</td>
</tr>
<tr>
<td>Bachelor of Laws/Bachelor of Communications</td>
<td>5</td>
<td>90</td>
<td>MULCM</td>
<td>B1353</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Bachelor of Digital Media and Communication

<table>
<thead>
<tr>
<th>Business</th>
<th>DURATION (YEARS)</th>
<th>SELECTION RANK*</th>
<th>TISC CODE</th>
<th>COURSE CODE</th>
<th>RECOMMENDED ATAR SUBJECTS</th>
</tr>
</thead>
</table>

*Minimum Selection Rank required for consideration.
### Undergraduate course list

#### Engineering

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration (Years)</th>
<th>Selection Rank*</th>
<th>TISC Code</th>
<th>Course Code</th>
<th>Recommended ATAR Subjects</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Engineering Electrical Power Engineering</td>
<td>4</td>
<td>80</td>
<td>MULENG</td>
<td>H1244</td>
<td>Mathematics, Mathematics Specialised, Physics, Chemistry</td>
<td>60</td>
</tr>
<tr>
<td>Bachelor of Engineering Renewable Energy Engineering</td>
<td>4</td>
<td>80</td>
<td>MULENG</td>
<td>H1244</td>
<td>Mathematics, Mathematics Specialised, Physics, Chemistry</td>
<td>60</td>
</tr>
<tr>
<td>Bachelor of Engineering Technology</td>
<td>3</td>
<td>70</td>
<td>MUSET</td>
<td>B1387</td>
<td>Mathematics, Mathematics Specialised, Physics, Chemistry</td>
<td>61</td>
</tr>
</tbody>
</table>

#### Health

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration (Years)</th>
<th>Selection Rank*</th>
<th>TISC Code</th>
<th>Course Code</th>
<th>Recommended ATAR Subjects</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Food Science and Nutrition</td>
<td>3</td>
<td>70</td>
<td>MULFSN</td>
<td>B1349</td>
<td>Biology, Chemistry, Mathematics Applications</td>
<td>66</td>
</tr>
<tr>
<td>Bachelor of Laboratory Medicine</td>
<td>4</td>
<td>70</td>
<td>MUSLA</td>
<td>B1378</td>
<td>Biology or Human Biology, Chemistry, Mathematics Applications</td>
<td>67</td>
</tr>
<tr>
<td>Bachelor of Nursing (Perth Campus)</td>
<td>3</td>
<td>70</td>
<td>MUNLR   (SL), MUNLM (NL), MUNLE (EN)</td>
<td>B1373</td>
<td>Chemistry, Human Biology, Mathematics Applications</td>
<td>68</td>
</tr>
<tr>
<td>Bachelor of Nursing (Mandurah Campus)</td>
<td>3</td>
<td>70</td>
<td>MUNLR   (SL), MUNLM (NL), MUNLE (EN)</td>
<td>B1373</td>
<td>Chemistry, Human Biology, Mathematics Applications</td>
<td>68</td>
</tr>
<tr>
<td>Bachelor of Science (Chiropractic Science)/ Bachelor of Clinical Chiropractic</td>
<td>5</td>
<td>70</td>
<td>MUSCP</td>
<td>B1331</td>
<td>Biology, Chemistry, Human Biology, Mathematics, Methods, Physics</td>
<td>69</td>
</tr>
<tr>
<td>Bachelor of Science (Medical, Molecular and Forensic Sciences)</td>
<td>3</td>
<td>70</td>
<td>MUSMB</td>
<td>B1380</td>
<td>Biology or Human Biology, Chemistry, Mathematics Applications</td>
<td>69</td>
</tr>
</tbody>
</table>

#### Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration (Years)</th>
<th>Selection Rank*</th>
<th>TISC Code</th>
<th>Course Code</th>
<th>Recommended ATAR Subjects</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Agricultural Science</td>
<td>3</td>
<td>70</td>
<td>MUSAH</td>
<td>B1391</td>
<td>Biology, Chemistry, Mathematics Methods</td>
<td>88</td>
</tr>
<tr>
<td>Animal Health</td>
<td>3</td>
<td>70</td>
<td>MUSAS</td>
<td>B1391</td>
<td>Biology, Chemistry, Mathematics Methods</td>
<td>89</td>
</tr>
<tr>
<td>Crop and Pasture Science</td>
<td>3</td>
<td>70</td>
<td>MUSPC</td>
<td>B1391</td>
<td>Chemistry, Mathematics Methods</td>
<td>89</td>
</tr>
<tr>
<td>Bachelor of Food Science and Nutrition</td>
<td>3</td>
<td>70</td>
<td>MULFSN</td>
<td>B1349</td>
<td>Biology, Chemistry, Mathematics Applications</td>
<td>90</td>
</tr>
<tr>
<td>Bachelor of Laboratory Medicine</td>
<td>4</td>
<td>70</td>
<td>MULAP</td>
<td>B1354</td>
<td>Biology or Human Biology, Chemistry, Mathematics Applications</td>
<td>90</td>
</tr>
<tr>
<td>Bachelor of Science (Chiropractic Science)/ Bachelor of Clinical Chiropractic</td>
<td>5</td>
<td>70</td>
<td>MUSCP</td>
<td>B1331</td>
<td>Biology, Chemistry, Human Biology, Mathematics Methods, Physics</td>
<td>91</td>
</tr>
</tbody>
</table>
Science continued

<table>
<thead>
<tr>
<th>Science continued</th>
<th>DURATION (YEARS)</th>
<th>SELECTION RANK*</th>
<th>TISC CODE</th>
<th>COURSE CODE</th>
<th>RECOMMENDED ATAR SUBJECTS</th>
<th>PAGE NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomedical Science</td>
<td>3</td>
<td>70</td>
<td>MUSBM B1380</td>
<td></td>
<td>Biology or Human Biology, Chemistry, Mathematics</td>
<td>91</td>
</tr>
<tr>
<td>Clinical Laboratory Science</td>
<td>3</td>
<td>70</td>
<td>MUSCL B1380</td>
<td></td>
<td>Biology or Human Biology, Chemistry, Mathematics</td>
<td>92</td>
</tr>
<tr>
<td>Forensic Biology and Toxicology</td>
<td>3</td>
<td>70</td>
<td>MUSFB B1360</td>
<td></td>
<td>Biology or Human Biology, Chemistry, Mathematics</td>
<td>92</td>
</tr>
<tr>
<td>Genetics and Molecular Biology</td>
<td>3</td>
<td>70</td>
<td>MUSMB B1360</td>
<td></td>
<td>Biology or Human Biology, Chemistry, Mathematics</td>
<td>93</td>
</tr>
<tr>
<td>Conservation and Wildlife Biology</td>
<td>3</td>
<td>70</td>
<td>MUSCW B1317</td>
<td></td>
<td>Chemistry, Mathematics</td>
<td>93</td>
</tr>
<tr>
<td>Environmental Management and Sustainability</td>
<td>3</td>
<td>70</td>
<td>MUSEM B1317</td>
<td></td>
<td>Chemistry, Mathematics</td>
<td>94</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>3</td>
<td>70</td>
<td>MUSEE B1317</td>
<td></td>
<td>Chemistry, Mathematics</td>
<td>94</td>
</tr>
<tr>
<td>Marine Biology</td>
<td>3</td>
<td>70</td>
<td>MUSBI B1317</td>
<td></td>
<td>Chemistry, Mathematics</td>
<td>95</td>
</tr>
<tr>
<td>Marine Science</td>
<td>3</td>
<td>70</td>
<td>MUSPS B1317</td>
<td></td>
<td>Chemistry, Mathematics</td>
<td>95</td>
</tr>
<tr>
<td>BACHELOR OF VETERINARY BIOLOGY/DOCTOR OF VETERINARY MEDICINE</td>
<td>5</td>
<td>86**</td>
<td>MUSVB (SL) MUSV (NLS) B1330 (SL) B1340 (NLS)</td>
<td></td>
<td>Biology, Chemistry, Mathematics Methods, Physics</td>
<td>97</td>
</tr>
</tbody>
</table>

COMBINED DEGREES

| BACHELOR OF AGRICULTURAL SCIENCES/BACHELOR OF BUSINESS | 4 | 70 | MUSBC B1390 |  | Biology, Chemistry, Mathematics Applications, Methods | 128         |
| BACHELOR OF CRIMINOLOGY/FORENSIC BIOLOGY AND TOXICOLOGY | 4 | 70 | MUSCB B1360 |  | Chemistry, Mathematics Applications | 131         |
| BACHELOR OF LAWS/BACHELOR OF SCIENCE | 5 | 90 | MUSLS B1324 |  | Biology or Human Biology, Chemistry, Mathematics Applications, Methods, Physics | 136         |

Social and Cultural Studies

<table>
<thead>
<tr>
<th>Social and Cultural Studies</th>
<th>DURATION (YEARS)</th>
<th>SELECTION RANK*</th>
<th>TISC CODE</th>
<th>COURSE CODE</th>
<th>RECOMMENDED ATAR SUBJECTS</th>
<th>PAGE NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>BACHELOR OF ARTS</td>
<td>Community Development</td>
<td>3</td>
<td>70</td>
<td>MUCAD B1356</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>English and Creative Writing</td>
<td>3</td>
<td>70</td>
<td>MUECW B1356</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Global Challenges</td>
<td>3</td>
<td>70</td>
<td>MUCGC B1356</td>
<td></td>
<td>N/A</td>
<td>103</td>
</tr>
<tr>
<td>Global Politics and Policy</td>
<td>3</td>
<td>70</td>
<td>MULAR B1356</td>
<td></td>
<td>N/A</td>
<td>104</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>70</td>
<td>MUAH B1356</td>
<td></td>
<td>N/A</td>
<td>104</td>
</tr>
<tr>
<td>International Aid and Development</td>
<td>3</td>
<td>70</td>
<td>MUAAD B1356</td>
<td></td>
<td>N/A</td>
<td>105</td>
</tr>
<tr>
<td>Japanese</td>
<td>3</td>
<td>70</td>
<td>MUAJS B1356</td>
<td></td>
<td>N/A</td>
<td>106</td>
</tr>
<tr>
<td>Philosophy</td>
<td>3</td>
<td>70</td>
<td>MUAHP B1356</td>
<td></td>
<td>N/A</td>
<td>106</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
<td>70</td>
<td>MUAPC B1368</td>
<td></td>
<td>N/A</td>
<td>107</td>
</tr>
<tr>
<td>Sociology</td>
<td>3</td>
<td>70</td>
<td>MUALO B1356</td>
<td></td>
<td>N/A</td>
<td>108</td>
</tr>
<tr>
<td>Sustainable Development</td>
<td>3</td>
<td>70</td>
<td>MUAUD B1356</td>
<td></td>
<td>N/A</td>
<td>108</td>
</tr>
<tr>
<td>Tourism and Events</td>
<td>3</td>
<td>70</td>
<td>MUAETE B1356</td>
<td></td>
<td>N/A</td>
<td>109</td>
</tr>
</tbody>
</table>

Social and Cultural Studies continued

<table>
<thead>
<tr>
<th>Social and Cultural Studies continued</th>
<th>DURATION (YEARS)</th>
<th>SELECTION RANK*</th>
<th>TISC CODE</th>
<th>COURSE CODE</th>
<th>RECOMMENDED ATAR SUBJECTS</th>
<th>PAGE NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>BACHELOR OF GLOBAL SECURITY</td>
<td>Terrorism and Counterterrorism</td>
<td>3</td>
<td>70</td>
<td>MUGSA B1363</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
<td>70</td>
<td>MULPS B1339</td>
<td></td>
<td>N/A</td>
<td>107</td>
</tr>
</tbody>
</table>

COMBINED DEGREES

| BACHELOR OF LAWS/BACHELOR OF ARTS | 5 | 90 | MULBA B1350 |  | N/A | 132 |
| BACHELOR OF CRIMINOLOGY/BACHELOR OF GLOBAL SECURITY | 4 | 70 | MULCGS B1366 |  | N/A | 131 |
| BACHELOR OF LAWS/BACHELOR OF GLOBAL SECURITY | 5 | 90 | MULGS B1365 |  | N/A | 135 |

Teaching

<table>
<thead>
<tr>
<th>Teaching</th>
<th>DURATION (YEARS)</th>
<th>SELECTION RANK*</th>
<th>TISC CODE</th>
<th>COURSE CODE</th>
<th>RECOMMENDED ATAR SUBJECTS</th>
<th>PAGE NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>BACHELOR OF EDUCATION (EARLY CHILDHOOD AND PRIMARY TEACHING)</td>
<td>4</td>
<td>70</td>
<td>MULEP B1362</td>
<td></td>
<td>N/A</td>
<td>115</td>
</tr>
<tr>
<td>BACHELOR OF EDUCATION (PRIMARY TEACHING)</td>
<td>4</td>
<td>70</td>
<td>MUEHP B1364</td>
<td></td>
<td>N/A</td>
<td>116</td>
</tr>
<tr>
<td>BACHELOR OF EDUCATION (SECONDARY TEACHING)</td>
<td>4</td>
<td>70</td>
<td>MUEAP B1365</td>
<td></td>
<td>N/A</td>
<td>117</td>
</tr>
<tr>
<td>Advanced Mathematics</td>
<td>4</td>
<td>70</td>
<td>MUEAM B1366</td>
<td></td>
<td>N/A</td>
<td>117</td>
</tr>
<tr>
<td>Biology and Environmental Science</td>
<td>4</td>
<td>70</td>
<td>MUBES B1367</td>
<td></td>
<td>N/A</td>
<td>117</td>
</tr>
<tr>
<td>Biology and Human Biology</td>
<td>4</td>
<td>70</td>
<td>MUBEB B1367</td>
<td></td>
<td>N/A</td>
<td>117</td>
</tr>
<tr>
<td>Chemistry</td>
<td>4</td>
<td>70</td>
<td>MUECH B1365</td>
<td></td>
<td>N/A</td>
<td>117</td>
</tr>
<tr>
<td>Earth and Environmental Science</td>
<td>4</td>
<td>70</td>
<td>MUEEE B1366</td>
<td></td>
<td>N/A</td>
<td>117</td>
</tr>
<tr>
<td>English and Creative Writing</td>
<td>4</td>
<td>70</td>
<td>MUEEN B1367</td>
<td></td>
<td>N/A</td>
<td>117</td>
</tr>
<tr>
<td>Geography and Economics</td>
<td>4</td>
<td>70</td>
<td>MUEGE B1367</td>
<td></td>
<td>N/A</td>
<td>117</td>
</tr>
<tr>
<td>Health and Physical Education</td>
<td>4</td>
<td>70</td>
<td>MUEHP B1366</td>
<td></td>
<td>N/A</td>
<td>117</td>
</tr>
<tr>
<td>History (HASS)</td>
<td>4</td>
<td>70</td>
<td>MUEHI B1367</td>
<td></td>
<td>N/A</td>
<td>117</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>70</td>
<td>MUEMT B1368</td>
<td></td>
<td>N/A</td>
<td>117</td>
</tr>
<tr>
<td>Physics</td>
<td>4</td>
<td>70</td>
<td>MUEPS B1369</td>
<td></td>
<td>N/A</td>
<td>117</td>
</tr>
<tr>
<td>Politics (HASS)</td>
<td>4</td>
<td>70</td>
<td>MUEPL B1367</td>
<td></td>
<td>N/A</td>
<td>117</td>
</tr>
</tbody>
</table>

Technology

<table>
<thead>
<tr>
<th>Technology</th>
<th>DURATION (YEARS)</th>
<th>SELECTION RANK*</th>
<th>TISC CODE</th>
<th>COURSE CODE</th>
<th>RECOMMENDED ATAR SUBJECTS</th>
<th>PAGE NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>BACHELOR OF INFORMATION TECHNOLOGY</td>
<td>Artificial Intelligence and Autonomous Systems</td>
<td>3</td>
<td>70</td>
<td>MUSAI B1395</td>
<td>Mathematics Applications</td>
<td>122</td>
</tr>
<tr>
<td>Business Information Systems</td>
<td>3</td>
<td>70</td>
<td>MUSIS B1396</td>
<td>Mathematics Applications</td>
<td>122</td>
<td></td>
</tr>
<tr>
<td>Computer Science</td>
<td>3</td>
<td>70</td>
<td>MUSCS B1390</td>
<td>Mathematics Applications</td>
<td>123</td>
<td></td>
</tr>
<tr>
<td>Cyber Security and Forensics</td>
<td>3</td>
<td>70</td>
<td>MUSF B1390</td>
<td>Mathematics Applications</td>
<td>124</td>
<td></td>
</tr>
<tr>
<td>Games Technology</td>
<td>3</td>
<td>70</td>
<td>MUSGT B1390</td>
<td>Mathematics Applications</td>
<td>124</td>
<td></td>
</tr>
<tr>
<td>International and Network Security</td>
<td>3</td>
<td>70</td>
<td>MUSNW B1390</td>
<td>Mathematics Applications</td>
<td>125</td>
<td></td>
</tr>
<tr>
<td>BACHELOR OF INFORMATION TECHNOLOGY AND BUSINESS</td>
<td>3</td>
<td>70</td>
<td>MULIB B1375</td>
<td></td>
<td>N/A</td>
<td>125</td>
</tr>
</tbody>
</table>
1. FIND A COURSE
Explore your options at murdoch.edu.au/courses
Don’t forget to take note of the TISC code and course code as you’ll need one of these codes for your application, depending on whether you apply through TISC or direct to Murdoch University.

2. CHECK THE ENTRY REQUIREMENTS
Entry to most of our courses is assessed on your selection rank, so it’s important to check if you are eligible for direct entry, or if you will need to apply through another pathway.
Find out the entry requirements for your course at murdoch.edu.au/courses
Find out about Murdoch admission pathways at murdoch.edu.au/admissionpathways

3. EXPLORE SCHOLARSHIP OPTIONS
Explore all Murdoch scholarships and find out what you may be eligible for or head to goto.murdoch.edu.au/scholarships

4. GET A TASTE OF MURDOCH
We offer a range of events and information sessions throughout the year that will give you a taste of uni life at Murdoch.
Find out more at murdoch.edu.au/events

5. APPLY FOR A COURSE
To study at Murdoch, you will need to apply online through either myadmission.murdoch.edu.au or tisc.edu.au
For more information on which application to use please visit murdoch.edu.au/study/undergraduate-students/how-to-apply

6. RECEIVE YOUR OFFER
When you receive your offer, you’ll be given instructions on how to accept your place and how to start your journey with Murdoch.

Follow these six steps to begin your journey to Murdoch.
We look forward to welcoming you into our free thinking community

“The only education out of which good can come is the education which teaches you to think for yourself instead of swallowing whatever the fashion of the moment may prescribe.”

- SIR WALTER MURDOCH, OUR FOUNDING FATHER AND ORIGINAL FREE THINKER, 1926.

MEET MURDOCH
90 South Street, Murdoch WA 6150
Telephone: 1300 687 3624   Email: study@murdoch.edu.au

tiktok.com/@murdochuni
facebook.com/murdochuniversity
instagram.com/murdochuniversity
twitter.com/murdochuni
linkedin.com/school/murdoch-university
murdochuniv
Murdoch University

KEY DATES FOR 2022

<table>
<thead>
<tr>
<th></th>
<th>SEMESTER 1</th>
<th>SEMESTER 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orientation Week</td>
<td>21–25 February</td>
<td>25–29 July</td>
</tr>
<tr>
<td>Semester Period</td>
<td>28 February – 3 June</td>
<td>1 August – 4 November</td>
</tr>
<tr>
<td>Exam Period</td>
<td>11–25 June</td>
<td>12–26 November</td>
</tr>
</tbody>
</table>

Disclaimer: The information contained in this publication was correct as at March 2021, but is subject to amendment without notice. The University reserves the right to cancel, without notice, any units or courses if the number of students enrolled in these falls below limits set by the University. © 2021 Murdoch University. This publication is copyright. Except as permitted by the Copyright Act no part of it may in any form or by any electronic, mechanical, photocopying, recording or any other means be reproduced, stored in a retrieval system or be broadcast or transmitted without the prior permission of the publisher.

CRICOS Provider Code 00125J | MCO0006286  04/21