Undergraduate courses

2021

Murdoch UNIVERSITY

Start your thinking here.

Free your think

Contents

> “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, 1926

A welcome from our Vice Chancellor

Life is all about choices and when you first embarked on your educational journey many years ago, you made a crucial choice.

You valued education and the impact of that early and continued engagement with learning will positively affect your entire life.

Now, the fruits of your dedication bring you to another crucial life choice, that is, the institution in which you will pursue a university education.

As Vice Chancellor, I am delighted that you are considering Murdoch University as a partner for the next stage of your educational journey.

By choosing Murdoch, you will join a strong, caring and diverse community which places excellence in teaching and learning, as well as student support and well-being, at the heart of all we do.

The most recent independent Quality Indicators for Learning and Teaching survey places Murdoch among the top universities in Australia for a range of student and learning indicators including five-star rankings for student support; teaching quality; learning resources; and learner engagement.

Murdoch is also 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.

I am truly delighted to present our 2021 prospectus to you and I invite you to explore the many excellent educational opportunities open to you at Murdoch.

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

Eeva Leinonen
Vice Chancellor
Murdoch University

Why choose Murdoch?

→ Ask anyone who's studied here, the Murdoch experience is one of a kind!

We're different, and we're proud of it.

At Murdoch you'll find people from all walks of life. You'll find students, educators, supporters. You'll find a friendly face at the coffee shop and a lecturer who wants to hear your ideas.

You can make the most of our extensive range of courses, hands-on learning and facilities to get the skills you need to take on the world. But the most important thing you'll learn here? How 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 taken their creativity out into 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 look forward to welcoming you into our community.

GLOBAL TOP 100

Ranked in the TOP 100 universities in the world under 50 years of age

TIMES HIGHER EDUCATION, YOUNG UNIVERSITY RANKINGS 2020

IN THE TOP 20%

of universities in Australia for teaching quality

GOOD UNIVERSITIES GUIDE 2020

5 STAR RATING

for student support

GOOD UNIVERSITIES GUIDE 2020

Where can you find us?

We have three Murdoch University campuses in Western Australia, and international campuses in Singapore, Dubai and Myanmar.

Perth campus

Located in Murdoch, our main campus offers all of our undergraduate courses, along with state-of-the-art teaching facilities, support services, specialised educational and recreational facilities, and a unique student experience. It's among the largest university campuses in Australia, with more than 227 hectares of beautiful bush environment.

One of the most popular places at our Perth campus is our $20 million Student Hub. You'll find food outlets, shops and cafes, a dedicated student kitchen, charging stations and plenty of space to study or catch up with friends.

Mandurah campus

Our Mandurah campus offers an exceptional learning experience for students studying Nursing, our OnTrack enabling course and postgraduate courses in Counselling and Creative Arts Therapies. Students have access to a range of facilities, including a student common area, library and computer labs. Our Nursing students get valuable hands-on experience in our state-of-the-art nursing simulation suites.

Rockingham campus

Research is one of the key focus areas of our Rockingham campus. This campus also offers some of our university enabling courses, including OnTrack. The campus has a community library, café, gym and after-hours study facilities to support the learning journey of students.

How to get to our Perth campus

- Just 15 minutes from the city to Murdoch train station, and then a quick trip by connecting bus to campus or a 10-minute walk
- Regular bus services past campus
- 15 minutes from the city on Kwinana Freeway (exit South Street) with almost 4,000 car bays on campus
- Excellent cycle routes to campus, with secure bike storage available

Real-world facilities

As a Murdoch student you'll learn in real-world environments, so you graduate career-ready.

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, an 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 space made for free thinking. You can work on collaborative projects, build your network and enjoy industry events as you come together with business and industry, entrepreneurs and the wider community.

Sports Science Facility

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

SimLab™

Make the most of our SimLab™ technology to practise your teaching skills in a virtual classroom environment with avatars who respond in real time to your instructions. We were the first university in Australia to offer a simulated teaching experience to Education students.

Law Moot Court

In our Herbert Smith Freehills Moot Court, you can try hypothetical cases in a courtroom environment, develop advocacy and mooting skills, and compete with other law schools from around the world.

Psychology Clinic

Our postgraduate students work with real clients at our on-campus psychology clinic. If your goal is to become a register psychologist, you'll need to complete an undergraduate degree in Psychology then continue to postgraduate level studies.

Media Arts Centre

As a Creative Arts or Communication student, you'll make use of our sound stage, television and radio studio, newsroom, digital post-production facilities, sound-mixing studios, digital and art creation workspaces, and professional video and editing suites.

Nexus Theatre

Our Nexus Theatre is where you can hone your craft in performance and production. It's also home to community, musical, cultural and theatrical events throughout the year, giving you more opportunities to get valuable experience.

Nursing Simulation Suites

Our Perth and Mandurah campuses offer state-of-the-art nursing facilities, which house fully-equipped clinical teaching wards, treatment areas and simulation suites. If you study Nursing, you'll practise your skills on lifelike, high-tech mannequins with heart, lung and digestive sounds, and other realistic features.

Veterinary Hospital and Working Farms

Our Perth campus is home to a working farm, veterinary clinic, an exotic animal clinic and a fully-equipped veterinary hospital, complete with cancer and dermatology clinics, a 24-hour emergency centre and an equine centre with operating theatres specially designed for horses.

Taking you global

By going overseas as part of your studies, you'll broaden your global outlook, experience new cultures, boost your career prospects and make lifelong friends.

You love exploring, meeting new people and learning about different cultures, but how do you balance travelling while studying at university?

You allow the world to become your classroom by joining our Study Abroad and Exchange Program. With over 70 programs around the world, you could spend a semester studying in Sweden at Lund University, make the most of your summer break with a short-term program in England at Lancaster University or put theory into practice with an internship in the United States.

We want to change your world, literally. We want to encourage you to think for yourself and get curious about the way things are. This could mean studying abroad for a semester on an exchange program or completing a summer program on the other side of the world: the opportunities are endless. Best of all, your overseas study can count towards your Murdoch degree. This means not only do you get to see the world while you complete your degree, but you could 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
- China
- Croatia
- Czech Republic
- Denmark
- Finland
- Germany
- Hong Kong
- India
- Ireland
- Italy
- Japan
- Korea
- Malaysia
- Netherlands
- Spain
- Sweden
- Switzerland
- United Kingdom
- USA

Short-term programs and internships

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 at an overseas institution, 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, just to name a few.

International study tours

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

Veterinary Science students can experience placements in New Zealand and South Africa, while Nursing students can complete placements in Africa, Asia or the United Kingdom. Education students can teach at international schools in Singapore, Thailand or Canada, and Law students can travel to Switzerland to take part in an international human rights program.

Many more of our courses offer international experiences, so make sure you check out all your options.

For more information about studying overseas, visit murdoch.edu.au/studyabroad

Your student experience

Ask anyone who's studied here, the Murdoch experience is one of a kind!

Student life at Murdoch is about more than just learning in your chosen field – it's also about getting involved, having fun and making lifelong friends.

In the week before your classes start, you'll attend an orientation week, so you can be introduced to all things Murdoch. You can attend course advice sessions, meet your lecturers, sign up for clubs and activities, get your student card, go on campus tours, make friends and really immerse yourself in uni life. You'll discover the Geoffrey Bolton Library, which is full of collaboration spaces, quiet zones, comfy booths and a 24/7 study area, as well as Bush Court – a large, open garden space at the centre of university life, where you can meet up with friends or study while lounging on a beanbag or deckchair.

10 FOOD OUTLETS

1 TAVERN

6 COFFEE SHOPS

FOOD TRUCKS

IGA X-PRESS GROCERY STORE

140+ CLUBS AND SOCIETIES TO JOIN

7 THERDAPY DOGS

who visit the library once a month for anybody who needs to de-stress

VOLUNTEERING + WORK EXPERIENCE PROGRAMS

so you graduate confident and career-ready

70+ OVERSEAS PROGRAMS

for you to explore

EXPERIENCE A VIBRANT CAMPUS

with uni events like Festival Day, Stamp Out Stress Day and our weekly market plus tavern events like themed parties and open mic nights

BE A VIP AT RAC ARENA

Get exclusive access to our student internship program, jobs at the arena, priority queue access and special offers, thanks to our partnership with RAC Arena

KEEP ACTIVE

by joining a social sports team or our on-campus gym with discounted memberships for students

ENJOY DEDICATED STUDENT SPACES

including our $20 million Student Hub, home to food outlets, shops and cafés, a student kitchen, charging stations and study and lounging areas

High school vs university

Going to university is a new life experience – and completely different to studying at high school.

You'll choose what to study, set your own timetable and take charge of how you spend your time. You'll have the chance to meet new friends from all over the world, explore new ways of thinking, join clubs and societies and have fun at uni events throughout the year.

Here are three of the main differences between university and high school:

1. You are responsible for your own time

At university, it's up to you to get to your classes and get your work done. You'll be responsible for how much and what you study and will need to learn to manage and prioritise your work. You'll also need to keep up to date with your readings and prepare for your classes, without anyone prompting you.

2. Your contact hours will be less

The number of hours you spend in classes and lectures (known as contact hours) will be less than the hours you spend at high school – but you're expected to do more work in your own time. At the start of each semester, you'll enrol in your units and create your timetable, so you can arrange your schedule to suit you.

3. Your learning environment will be different

You will attend lectures and tutorials and possibly other types of classes, like workshops or labs, depending on what you're studying. Lectures are normally held in a lecture theatre, with one lecturer and a large number of students (especially in your first year). Tutorials are normally held in a classroom, with one tutor and a smaller group of students. In a lecture, you'll listen and take notes, while in a tutorial you'll explore and discuss lecture topics further.

Experience life as a Murdoch student

Sign up for 'A Day in the Life of a University Student', held in April and September. You'll create your own timetable and get involved in hands-on workshops in areas that interest you. You'll also have the chance to explore our campus, speak with current students, get inspired by our academics and make new friends.

Visit murdoch.edu.au/events to find out more and book your place.

You could live here: The Village

If you want to be at the centre of all the action, then the Murdoch University Village is the place to be.

Located on campus, your classes are right on your doorstep. The Village has stylish, fully furnished apartments available for rent, with options to suit almost any budget.

The Village offers a range of facilities, including:

- swimming pool
- pool lounge with a pool table and table tennis
- recreation room with BBQs, a projection screen and communal kitchen
- beach volleyball and basketball courts
- theatre room and movie room with satellite TV
- group study rooms
- four large laundries
- outdoor cinema
- fitness centre
- unlimited WiFi

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

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

Rates

The weekly rates for 2020 range from $173.70 for a single bedroom in an eight bedroom apartment to $406.20 for a one-bedroom apartment per semester. If you book your accommodation for the entire university year (42 weeks) rather than just one semester at a time, the rates will be cheaper.

Short-stay accommodation

Murdoch Village offers short-term stays, so you can trial living out of home or use the Village as a temporary base before you find long-term housing.

Short-stay accommodation in five-bed share apartments can be booked on a nightly basis, with rates starting from $99 per night. Further discounts may be available for 3+ or 7+ night stays.

Please note: These prices are correct at the time of printing but are subject to change.

Visit mystudentvillage.com/au/murdoch-university-village to find out more and take an online tour.

Student support

Studying at university involves much more than just lectures, labs and tutorials – it's a whole new life experience. That's why we offer a wide range of support services and programs to help you make the most of your time at Murdoch.

The Student Centre

Our Student Centre, located in the hub of our Perth campus, is the best place to go for administrative support, including information on fees, parking permits, enrolment and class sign-up, ID cards, requests for academic transcripts and general course information.

Academic support

As a Murdoch student, you'll have exclusive access to free workshops that focus on various learning skills, such as essay writing, editing, referencing, time management and so much more. You'll also have access to a wide range of online academic support resources, including Studiosity, where you can get feedback on English writing for draft essays and reports, and live online assistance from subject specialists.

If you need help with a specific unit, you could join our Peer Assisted Study Sessions (PASS), which are group study sessions led by trained students who have successfully completed the unit.

Career support

Our friendly Careers and Employment team are here to help you with all your career-related queries. They can help you find internship and vacation opportunities, and they also run and promote career events, mentoring programs and workshops that can help increase your employability.

Child care support

We have a childcare centre and kindergarten at our Perth campus, to help students balance family and study commitments.

For more information on any of our support services, visit murdoch.edu.au/life-at-murdoch/support-services

myMurdoch ADVICE

Asking for advice is part of university life and key to being a successful student. At myMurdoch Advice, we'll help you get the most out of your university experience and give you valuable guidance for your studies and wellbeing.

Our friendly and knowledgeable team of Student Success Advisors and Peer Academic Coaches can offer personalised advice on your studies, course plans, academic skills, English language support, getting the most out of university life, and much more. They can also help arrange meetings for you with one of our expert support areas, including our:

- On-campus medical or counselling services
- Equity and Social Inclusion Office, which may help you if you have a disability and/or medical condition, or if you identify as LGBTQI2+ and need information and support
- Kulbardi Aboriginal Centre, which offers help and support services if you are an Aboriginal student or Torres Strait Islander student
- Murdoch Guild, which provides advocacy, support and services for all of our Murdoch students

5 STAR RATING
for student support

GOOD UNIVERSITIES GUIDE 2020

Fees and financial assistance

The cost of your degree

All undergraduate degrees at Murdoch are Commonwealth supported. This means that for eligible students, the Australian Government will subsidise your degree by paying part of the fees. You are required to pay the remainder of the fees (known as a student contribution), either by paying upfront to the University or by paying your fees later, through a HECS-HELP loan.

The cost of each of our courses depends on the units you study. To get an idea of what you might expect to pay for your course, visit **murdoch.edu.au/ugfees**

HECS-HELP loan

The Australian Government offers a HECS-HELP loan scheme, which allows you to defer paying your university fees until you are earning above a certain amount.

To be eligible for a HECS-HELP loan, you must:

- be studying in a Commonwealth-supported place
- be an Australian citizen or a New Zealand Special Category visa holder or Permanent Humanitarian visa holder and meet the residency requirements (you must study at least part of your course in Australia)
- submit the *Request for Commonwealth support and HECS-HELP* form to the University by the census date
- be enrolled in each unit at the university by the census date.

To find out more, visit **studyassist.gov.au**

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

As well as your course fees, there are other fees and costs to consider when planning the financial aspects of your studies. These include fees for administrative services and costs specific to your course, including:

- **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 need to get a 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 (SSAF)** - This is a fee charged by all higher education providers to help with student services and features that aren't directly linked to your studies. At Murdoch, we use these fees to provide you with health and counselling services, careers and employment advice, sport and recreation facilities and services, and much more. The SSAF is charged twice a year and the amount you pay depends on whether you're a full-time or part-time student, study internally or externally, and which campus you study at. For 2019, the fee ranged from $37.50 to $151.50.

  Eligible students can defer the SSAF to SA-HELP. To find out more, visit **studyassist.gov.au**

Be rewarded

We're proud to offer more than $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.

Scholarships

Are you a high school leaver?

You could be rewarded with a Murdoch First Scholarship of up to $3,000!

We've created a unique scholarship for Year 12s to help you get started at uni. If you select a Murdoch course as your first TISC preference and achieve an unadjusted ATAR of 80 or higher, you could be eligible for the Murdoch First Scholarship.

Find out more at **murdoch.edu.au/murdochfirst**

Terms and conditions apply.

Are you a high achiever?

To inspire free thinking, we reward hard work and a commitment to learning. If you've achieved great academic results, you could be eligible for one of our scholarships worth up to $15,000 depending on your course. This includes the Westpac Young Technologists Scholarship if you're starting a tech-based undergraduate degree and have graduated high school in the last year.

Are you moving from a regional or remote location?

Moving to the city from a regional or remote location is a big life change. You could be eligible for a number of scholarships worth up to $24,000 to help you make the move, including the George Alexander Foundation Scholarship.

Are you experiencing personal or financial hardship?

We know that starting university brings new experiences, as well as new expenses. But don't let that stop you from reaching your goals. We may be able to help you with a number of scholarships worth up to $12,000.

For more information on our scholarships and to find out what you may be eligible for, visit murdoch.edu.au/Scholarships

Find your path

Pathways to Murdoch University

We offer a range of pathways to study at Murdoch, taking into account your high school results, other studies, and your 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. You can demonstrate ELC by:

- achieving a scaled mark of 50 or higher in ATAR English, Literature or English as an Additional Language or Dialect
- sitting an English proficiency test, such as the Special Tertiary Admissions Test (STAT)
- successfully completing a university preparation course or English language course (academic)
- successfully completing a Diploma (AQF Level 5 or higher)
- successfully completing two units at an Australian university or through Open Universities Australia (AQF Level 7 or higher)

Some Murdoch courses, including Nursing, Education, Engineering, Law and Veterinary Science, have higher English language competency requirements and/or academic entry requirements than other courses.

To find out the specific requirements for the course you're interested in, visit **murdoch.edu.au/courses**

Are you completing high school this year or have you completed high school in the last two years?

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 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've gone compared to other Year 12 students in Western Australia.

Your selection rank is your ATAR plus any adjustments made by a university. Adjustments are used to increase your selection rank due to factors like your performance in Year 12 subjects, the location of your high school or your eligibility for educational access schemes. Selection rank adjustments don't change your ATAR – they change your selection rank for entry into a particular course.

At Murdoch we offer Murdoch RISE, a selection rank adjustment aimed at supporting access to university for students from regional, low socio-economic, or Aboriginal or Torres Strait Islander backgrounds. It can help you get into your preferred course by increasing your Murdoch selection rank by 10 points, up to a maximum of 90. There's no need to register – if you're eligible, the adjustment factor is automatically added to your raw ATAR score when you apply to Murdoch.

Meeting academic and English Language Competency (ELC) requirements

There are a number of ways you can meet our ELC and academic entry requirements.

Many high school graduates demonstrate ELC by getting a scaled score of 50 or higher in an ATAR English subject, but for those who don't, sitting the written English component of the Special Tertiary Admissions Test (STAT) and scoring 140 or higher will meet ELC.

To study at Murdoch, you'll need a selection rank of 70 or more, depending on the course. You can achieve this through your ATAR, by scoring 24 or higher in the International Baccalaureate (IB), completing an accredited Certificate IV or higher, using a portfolio, 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 still need to meet the same entry requirements as Western Australian students. ATARs are equivalent from every state except Queensland. If you have an Overall Position (OP) from Queensland, you can have this converted to an ATAR.

Courses with other admission options

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

Creative Portfolio

Creative Portfolio entry allows you to submit a portfolio of work to gain entry into a number of Bachelor of Arts, Creative Media and Communication majors, including English and Creative Writing, Games Art and Design, Graphic Design, Journalism, Photography, Screen Production, Sound, Strategic Communication and Theatre and Drama. To gain admission to a Murdoch course using this pathway, you will need a Western Australian Certificate of Education and you will need to meet our English Language Competency (ELC) requirements.

At Murdoch we offer a Portfolio Preparation day for Year 11 and 12 students, where you could participate in creative workshops, get feedback on your work and learn how to compile a portfolio for submission. Find out more at **murdoch.edu.au/events**

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 to study Law at Murdoch. To be considered for admission, you will need to nominate Law, or a combined Law degree, at Murdoch as your first preference on TISC and meet our English Language Competency (ELC) requirements.

Did you complete 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.edu.au** to convert your results to an ATAR using the TISC ATAR calculator.

If you graduated high school prior to 1992, you can contact TISC directly to request an ATAR conversion based on historical results.

To apply for admission into most of our undergraduate courses, you'll need 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.

Have you not completed secondary education, a vocational education and training (VET) qualification or higher education?

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 20 years old by the first of March in the year you wish to commence your study, you can apply for entry to Murdoch by sitting the STAT. This excludes direct entry into Law and Veterinary Science.

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.

Mature Age Pathway (MAP)

If you're passionate about a field of study, meet our English Language Competency (ELC) requirements and have at least five years of professional experience that is directly related to the course you'd like to study, then the Murdoch MAP is for you. This pathway involves an interview and an assessment of your work and life experience and will qualify you for direct entry into most Murdoch courses, excluding Veterinary Science, Chiropractic Science, Law, Engineering and Nursing.

Enabling pathway courses

We offer a range of enabling pathway courses that will help you develop the skills you need to study at university level. Read more on page 24.

Have you 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 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 pathway courses on page 24.

Have you 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, you'll 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) at another Australian university and achieve a minimum GPA of 70%.

Please note: *some of our courses have higher English Language Competency (ELC) requirements or specific entry requirements for applicants with higher education.*

To find out more about our admission pathways, visit murdoch.edu.au/admissionpathways

Enabling courses

We offer a range of enabling courses that will help you develop the skills you need to study at university level.

When you successfully complete one of the following enabling courses, you'll be qualified to apply for most of our courses with a selection rank of 70.

OnTrack

If you don't qualify for direct entry, you can apply for OnTrack – a free course we run over 14 weeks on our Perth, Mandurah and Rockingham campuses. OnTrack will provide you with:

- an inclusive and supportive adult learning environment in which you can develop effective study habits and learning strategies
- a single tutor and tutorial group that you will stay with throughout the whole program
- the range of skills you need to study at an academic level, including academic reading, referencing and presenting, how to write an essay and report, basic numeracy, time management and resilience
- assistance to explore an undergraduate degree program that matches your aspirations.

As an OnTrack student, you'll complete several assessment tasks including essays, oral presentations, learning portfolios, reports, mathematics exercises and an exam. You'll study on-campus two days per week and complete some further study online.

FlexiTrack

If you'd like to study a 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 four-week program which starts every year in January at our Perth campus.

OnTrack Sprint could 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 a selection rank between 60 and 69.95 and a pass in an ATAR English subject within the last 18 months or a selection rank of 70 or higher and a scaled score of 45-49 in ATAR English within the last 18 months.

K-Track

K-Track is our free 14-week on-campus course for Indigenous students who do not qualify for direct entry, run by our Kulbardi Aboriginal Centre.

Through a series of units, you'll explore the concepts of communication, collaborative work practices and critical thinking, and 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.

Murdoch University Preparation Course

The Murdoch University Preparation Course is a foundation-level course that combines the essentials of Years 11 and 12. This course is studied through Murdoch Institute of Technology.

For more information on our enabling courses, visit murdoch.edu.au/enablingpathways

Your undergraduate degree explained

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 time frame; and study two majors or degrees at once, to broaden your qualifications and choice of careers.

The structure of your Murdoch degree

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 amount 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 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.
- **Murdoch 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. Depending on your degree, you could also get 40 hours of practical experience to really kick-start your career. As part of the Murdoch Career Learning Spine, you'll have access to a series of online units that will equip you with transferable skills to realise your career aspirations; hands-on learning experiences, like internships, and volunteer or project work, to boost your resume and get you career-ready; an online skills assessment to identify your strengths and areas for development; a personalised career development plan; and an e-portfolio to track and manage your career journey from first year to final year, and beyond.

- **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. You might choose to take:
  - 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 particular area of study that has less depth than a co-major.
  - general electives – This could include any units from our other courses that you meet the prerequisites for.

You can choose one or two majors for most courses – or combine two degrees

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 Commerce 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.

Here's an example of what a Bachelor of Commerce in Accounting and Finance course structure could look like:

	SEMESTER 1				SEMESTER 2			
YEAR 1	**UNIT 1: MAJOR** Accounting major	**UNIT 2: COURSE CORE**	**UNIT 3: COURSE CORE**	**UNIT4: MURDOCH CAREER LEARNING SPINE**	**UNIT 1: COURSE CORE**	**UNIT 2: COURSE CORE**	**UNIT 3: COURSE CORE**	**UNIT 4: OPTION** General elective
YEAR 2	**UNIT 1: MAJOR** Accounting major	**UNIT 2: MAJOR** Accounting major	**UNIT 3: OPTION** Finance major	**UNIT 4: MURDOCH CAREER LEARNING SPINE**	**UNIT 1: OPTION** Finance major	**UNIT 2: COURSE CORE**	**UNIT 3: OPTION** Finance major	**UNIT 4: OPTION** Finance major
YEAR 3	**UNIT 1: MAJOR** Accounting major	**UNIT 2: MAJOR** Accounting major	**UNIT 3: OPTION** Finance major	**UNIT 4: MURDOCH CAREER LEARNING SPINE**	**UNIT1: OPTION** General elective	**UNIT 2: MAJOR** Accounting major	**UNIT 3: MAJOR** Accounting major	**UNIT 4: OPTION** Finance major

Please note: *this table is an example only. Course structures are subject to change and differ between courses.*

Be an innovative and creative thinker

Add our unique minor in Innovative and Creative Thinking to your degree. Offering an exciting suite of units that complement the majority of our majors, you'll be encouraged to explore the complex challenges of real-world problems, prompting you to adopt leading-edge thinking to demonstrate innovative and creative decision-making that leads to change.

Courses

Over the next section of this guide, explore all Murdoch courses, find out about entry requirements and discover careers you can pursue. We have a wide range of majors and degrees on offer, so you can choose a course best suited to your interests and goals.

Business + Law

5 STAR RATING

for learner engagement and student support for accounting, business and management

GOOD UNIVERSITIES GUIDE 2020

THE ONLY UNIVERSITY IN AUSTRALIA

to offer majors in Crime Science and White Collar and Corporate Crime, and a combined degree in Criminology and Global Security

LAW DEGREE ACCREDITED INTERNATIONALLY

in Australia, Malaysia, India and Singapore

The intersection of business, government and the law is where ideas turn into actions; it's where change is made in our society - and you could be a part of driving this change.

As a Murdoch free-thinker, you could champion sustainability agendas in the business world, join the entrepreneurial movement, sit at the table when political decisions are made, fight for human rights, defend social justice or find new ways to prevent crime.

7 REASONS TO STUDY BUSINESS + LAW AT MURDOCH

1. Take on internships through our dedicated Work Integrated Learning program at some of Australia's and Western Australia's leading businesses, government agencies, city and shire offices, law firms and not-for-profit organisations.

2. Build your network of contacts by becoming a member of professional bodies and associations through our industry connections.

3. Work on real cases with real clients in our nationally recognised clinical legal program.

4. Take part in our well-established mooting program to participate in simulated court proceedings, as well as local and international mooting competitions.

5. Intern at multinational corporations or law organisations in Germany, Singapore or Malaysia, or take part in an international human rights program in Geneva, Switzerland.

6. Study two majors or degrees at once to graduate with more career opportunities.

7. Study units at our partner universities across the globe through our Study Abroad and Exchange program.

Bachelor of Business

TISC Code	Course Code
MUBUS	B1367
Duration	**Selection Rank***
3 years	70
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	Please see majors

**Minimum Selection Rank required for consideration*

A Bachelor of Business is recognised globally and is a good choice if you want to work internationally. Studying a Bachelor of Business will give you the practical skills you need to identify business opportunities, analyse problems and implement solutions.

You will put your theory into practice by learning in real-world scenarios through placements, internships and projects with real organisations. You will also have the option of studying two areas of specialisation – you can study a double major within your three years of study, or a combined degree with the Bachelor of Laws over five years of study.

You can choose a single major or double major in:

- Accounting
- Banking
- Business Law
- Entrepreneurship and Innovation**
- Finance
- Hospitality and Tourism Management
- Human Resources Management
- International Business
- Management
- Marketing

Bachelor of Commerce

TISC Code	Course Code
MUCMC	B1359
Duration	**Selection Rank***
3 years	70
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	Please see majors

**Minimum Selection Rank required for consideration*

Gain the kind of management, negotiation and problem-solving skills that will help you in any career path you choose with a Bachelor of Commerce. Combining business basics with broad coverage political and social skills, you will draw on real-world scenarios through placements, internships and projects with real organisations to make sound business decisions.

You will also have the opportunity to take part in a capstone unit where you will work with other Commerce students to solve a broad organisational problem, mimicking a real life scenario in the workplace.

As a Commerce student, you will have the option of studying two areas of specialisation – you can study a double major within your three years of study, or a combined degree with the Bachelor of Laws over five years of study.

Unique to the Bachelor of Commerce is a major in Global Business and Politics, which allows you to combine political studies with business, giving you a well-rounded understanding of how the two influence each other.

You can choose to major in:

- Accounting
- Banking
- Business Law
- Entrepreneurship and Innovation**
- Finance
- Global Business and Politics
- Hospitality and Tourism Management
- Human Resources Management
- International Business
- Management
- Marketing

***This major is subject to approval for 2021*

Bachelor of Business or Commerce

Accounting

Bachelor of Business	
TISC Code MUBUS	**Course Code** B1367
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications

Bachelor of Commerce	
TISC Code MUCMC	**Course Code** B1359
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications

**Minimum Selection Rank required for consideration*

Accounting is essential to every industry – from your favourite products and platforms to your favourite sports teams and causes. This degree will give you the professional and creative skills you need to shape business interactions in a creative, well-informed and ethical way.

About this course

- Learn to identify business opportunities, analyse problems and put solutions in place.
- Explore how to make decisions related to buying and selling shares, lending or borrowing money, and providing goods for cash or on credit.
- Learn to interpret accounting standards, auditing standards and Australian taxation acts.
- Gain new skills in financial statement analysis, forecasting and budgeting, negotiation, ethical decision-making and problem-solving.

Some things you'll learn

- Management accounting
- Technology and accounting processes
- Corporate finance
- Taxation
- Company law

Professional recognition

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.

Your future career

This degree could be your first step towards becoming a high-level manager, leader, executive or entrepreneur. You could work with professional accounting firms, in government departments, major or emerging brands or in not-for-profit organisations in roles such as:

- Accountant, including Certified Practicing Accountant
- Auditor or Bookkeeper
- Financial Analyst or Planner
- Chief Financial Officer
- Credit Manager

TOP 3 REASONS TO STUDY ACCOUNTING

1. Get qualified for a career where your skills will always be in demand regardless of what the economy is doing. There is a strong growth outlook for accountants in the future *(source: Australian Government's Department of Jobs and Small Business 2019).*
2. Gains hands-on experience using a practical software package that will help you practice bookkeeping and learn how to prepare taxation.
3. Work with real organisations and complete internships through our Work Integrated Learning program. Some of our students have interned with local governments, Myer and RAC Arena.

Bachelor of Business or Commerce

Banking

Bachelor of Business	
TISC Code MUBUS	**Course Code** B1367
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications

Bachelor of Commerce	
TISC Code MUCMC	**Course Code** B1359
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications

**Minimum Selection Rank required for consideration*

Get the skills and knowledge you need to enjoy a career anywhere in the world. Banking is an industry famous for offering a wide range of opportunities, great working conditions and a commitment to ongoing training and learning.

About this course

- → Explore how the banker-customer relationship works and learn the skills you need to build a customer's trust.
- → Create and manage loans, make strategic investment decisions and help businesses, governments and people with their finances.
- → Learn about interest, credit and liquidity risk management issues.
- → Examine how the Australian banking system works and how it affects the local business environment, as well as international trade.

Some things you'll learn

- → International financial markets and institutions
- → Finance law
- → Commercial banking
- → Credit and lending decisions
- → Treasury management

Professional recognition

When you graduate, you could be eligible for membership with the Financial Services Institute of Australasia.

Your future career

Graduating with a major in Banking means you will graduate with a degree that is globally recognised, opening up doors internationally to a career as a:

- → Bank Worker
- → Financial Investment Adviser or Manager
- → Financial Broker
- → Credit and Loan Officer
- → Insurance, Money Market and Statistical Clerk

TOP 3 REASONS TO STUDY BANKING

1. Work with international organisations on real projects as part of our Work Integrated Learning program.
2. Build your network of contacts by becoming a member of professional bodies and associations through our industry connections.
3. Financial and insurance services employment is projected to rise by 3.2% over the next five years *(source: Australian Government's Department of Jobs and Small Business 2019).*

Business Law

Bachelor of Business	
TISC Code MUBBL	**Course Code** B1367
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

Bachelor of Commerce	
TISC Code MUCMC	**Course Code** B1359
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Learn how to approach legal issues and disputes to run your own business or make a real difference in not-for-profit organisations, government agencies or any sized business in Australia.

About this course

- → Develop the management, business skills and legal knowledge needed to conduct day-to-day business.
- → Identify when you need 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.

Some things you'll learn

- → Marketing and advertising law
- → Alternative dispute resolution
- → Workplace law
- → Finance law
- → Taxation

Your future career

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, with career opportunities including:

- → Financial Services Officer
- → Legal Compliance Officer
- → Business Owner or Entrepreneur
- → Mediator and Industrial Relations
- → Financial Analyst

TOP 3 REASONS TO STUDY BUSINESS LAW

1. Work with organisations on real projects as part of our Work Integrated Learning program.
2. Build your network of contacts by becoming a member of professional bodies and associations through our industry connections.
3. We understand you learn by doing and that's why our assessments are based on real-world learning and application.

Bachelor of Business or Commerce

Entrepreneurship and Innovation**

Bachelor of Business	
TISC Code MUBUS	**Course Code** B1367
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

Bachelor of Commerce	
TISC Code MUCMC	**Course Code** B1359
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

*Minimum Selection Rank required for consideration
**This major is subject to approval for 2021

Learn how to transform ideas into action. Cultivate your entrepreneurial mindset through developing creativity, innovation and problem-solving skills. An enterprising mindset future proofs your career options, whether you want to start your own business or work for a business.

About this course

- You will learn how to be creative, innovative, solve problems, work for yourself or others and to push through ideas that challenge the status quo.
- Combining this major with your choice of degree will allow you to develop soft skills that complement the technical and functional skills of your chosen degree.
- Explore collaborative problem-solving methodologies, ideation tools and project management skills needed to build social capital and networks as you develop business solutions.

Some things you'll learn

- Understanding innovation, how it develops and how it can be managed
- Problem-solving methodologies to find solutions for business and societal challenges
- Project management
- Developing effective human capital and social networks
- How to influence the process of building competitive advantage

Your future career

When you graduate you could work for yourself or work within any industry or sector. Your future career could include:

- Entrepreneur/Business Owner
- Work 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

TOP 3 REASONS TO STUDY ENTREPRENEURSHIP AND INNOVATION

1. You will be supported in your studies where you can connect, collaborate and create with local businesses and industry members.
2. Create a business idea, develop it and have the chance launch it in your final year.
3. Utilise innovative teaching approaches such as Lego© Serious Play©, Design Thinking, Lean StartUp, Gamification or Neuroeducation.

Finance

Bachelor of Business	
TISC Code MUBUS	**Course Code** B1367
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications

Bachelor of Commerce	
TISC Code MUCMC	**Course Code** B1359
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications

**Minimum Selection Rank required for consideration*

This degree could lead you to a big role with a big salary package – but that's not the only option. Depending on your life goals, you could find your rewards in not-for-profit organisations, government agencies or start-ups.

About this course

- → Explore business opportunities, analyse problems and find solutions.
- → Learn how to 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.

Some things you'll learn

- → Investment analysis
- → International finance
- → Corporate finance
- → Finance law
- → Treasury management

Professional recognition

When you graduate, you could be eligible for associate membership of the Financial Services Institute of Australasia.

Your future career

With this qualification, you can pursue career opportunities across the world in stockbroking, insurance and banking, and in public, private or not-for-profit organisations. Your future career options could include:

- → Credit Manager
- → Financial Analyst or Manager
- → Investment Strategist
- → Chief Financial Officer
- → Finance Broker

TOP 3 REASONS TO STUDY FINANCE

1. Join a growing industry. Very strong future growth is expected for financial brokers *(source: Australian Government Job Outlook 2019).*
2. Work with international organisations 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.

Bachelor of Business or Commerce

Global Business and Politics

Bachelor of Commerce	
TISC Code MUCMC	**Course Code** B1359
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Cyber-attacks, data fraud, food shortages – these are just some of the concerns that can have an impact on global business and policy. With a degree in Global Business and Politics, you'll have the skills to navigate an increasingly political global landscape.

About this course

- Learn how to 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.
- Gain an understanding of how business is conducted within Australia, across borders and around the world.
- Solve practical problems in business and develop the negotiation skills you need to forge a career in global business.

Some things you'll learn

- Business in society
- Managing in a global environment
- Global marketing
- International political economies
- Public policy analysis

Your future career

Graduating with a major in Global Business and Politics will give you an edge in your career when you graduate ready to work across both business and politics. Your future career options could include:

- Policy Analyst (trade, investment, operations, finance)
- Business and Government Relationship Analyst (private sector)
- Ministerial Officer
- Policy Advisor (non-profit sector, local/state government)
- Business Analyst (marketing, operations, finance)

TOP 3 REASONS TO STUDY GLOBAL BUSINESS AND POLITICS

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.

Hospitality and Tourism Management

Bachelor of Business	
TISC Code MUBUS	**Course Code** B1367
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications

Bachelor of Commerce	
TISC Code MUCMC	**Course Code** B1359
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications

**Minimum Selection Rank required for consideration*

If you love the idea of working overseas or helping people experience what Australia has to offer, a degree in Hospitality and Tourism Management can help you turn your passion for travel into a career almost anywhere in the world.

About this course

- → Learn about hospitality and tourism management and how the industry is always changing.
- → Explore sustainable tourism and discover how you can 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.

Some things you'll learn

- → Destination management
- → Hospitality and tourism
- → Sustainable tourism
- → Tourism and hospitality law
- → Strategic management

Your future career

You could work in a wide range of roles in the travel and tourism, hospitality or retail industries. Your future career options could include:

- → Hospitality Manager
- → Convention Services Manager
- → Hotel Sales, Marketing and Public Relations Director
- → Tour Operator
- → Travel Retailer or Guide

TOP 3 REASONS TO STUDY HOSPITALITY AND TOURISM MANAGEMENT

1. Work with organisations on real projects, and complete internships through our Work Integrated Learning program. Some of our students have interned with the Tourism Council of Western Australia, Rottnest Island Authority, travel agencies and more.
2. Develop the kind of management, negotiation and problem-solving skills that will help you in any career path you choose, in a rapidly-changing world.
3. Learn from some of Western Australia's top tourism experts who have worked in the industry and are actively involved in tourism research.

Bachelor of Business or Commerce

Human Resources Management

Bachelor of Business	
TISC Code MUBUS	**Course Code** B1367
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

Bachelor of Commerce	
TISC Code MUCMC	**Course Code** B1359
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Employees are the driving force behind every organisation. Develop the skills and experience you need to improve organisational culture and play a vital role in the success of organisations around the world.

About this course

- → Learn recruitment techniques which will help you with interviewing – or being interviewed.
- → Examine rewards, pay, performance management, and the future direction of human resources as you explore strategic human resource management, employment policies and legal regulations.
- → Use virtual reality to practise your skills.

Some things you'll learn

- → Workplace law
- → Employment relations
- → Principles of human resources management
- → Advanced human resource perspectives
- → Organisational theory and behaviour

Your future career

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

- → Project Manager
- → Human Resources Executive or Analyst
- → Human Resources Policy Officer
- → Payroll and Operations Support
- → Recruitment Resourcer

TOP 3 REASONS TO STUDY HUMAN RESOURCES MANAGEMENT

1. Use avatars and virtual reality to prepare you for real life HR experiences such as interviews, conflict resolution and more. We are the first university in Australia to introduce VR in this way.
2. Work with real organisations on real projects, and complete internships through our Work Integrated Learning program. Some of our students have interned with RAC Arena and a number of local governments and businesses.
3. Develop the kind of management, negotiation and problem-solving skills that will help you in any career path you choose, in a rapidly changing world.

International Business

Bachelor of Business	
TISC Code MUBUS	**Course Code** B1367
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

Bachelor of Commerce	
TISC Code MUCMC	**Course Code** B1359
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

In Australia and across the world, organisations are looking for ways to expand and operate across international borders. This course is the only one of its kind in Western Australia, giving you the skills and experience you need to succeed in the world of international business.

About this course

- → Develop your strategic decision-making abilities.
- → Build a skillset that would be essential to practically any business operation.
- → Explore management, marketing and finance, which will provide you with a global perspective and allow you to get results doing business across international borders.
- → We consulted with our academics, industry contacts and students in designing this course – so your skills and knowledge will be relevant when you step into the working world to begin your career.
- → 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.

Some things you'll learn

- → International marketing
- → Strategic international management
- → Business in society
- → International logistics
- → International business management

Your future career

With a major in International Business, you could work in practically any industry or sector for state and federal government agencies, non-governmental organisations, not-for-profit organisations and major international brands. Your future career options could include:

- → Business Manager
- → International Marketing Manager
- → Import or Export Advisor
- → International Engagement Officer
- → Foreign Affairs Advisor

TOP 3 REASONS TO STUDY INTERNATIONAL BUSINESS

1. Work with organisations on real projects as part of our Work Integrated Learning program.
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.

Add a co-major in Indonesian to your degree to learn about Indonesian language and culture – and expand your expertise and career opportunities. Indonesia is our nearest Asian neighbour and one of the world's biggest economies.

Bachelor of Business or Commerce

Management

Bachelor of Business	
TISC Code MUBUS	**Course Code** B1367
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

Bachelor of Commerce	
TISC Code MUCMC	**Course Code** B1359
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Get ready for an exciting future! A degree in management could launch your career in any industry, from global corporations to not-for-profit organisations.

About this course

- Learn how to identify opportunities, assess challenges and find the best solutions to real-world management issues.
- 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.

Some things you'll learn

- Strategic management
- Organisational development and change
- Business analytics and decision making
- Knowledge management
- Workplace law

Your future career

There's a growing demand for management across practically every industry – so when you graduate, your skills will be in high demand, with career prospects including:

- Team Leader or Office Supervisor
- Management Analyst
- Operations Manager
- Business Executive or Owner
- Consultant

TOP 3 REASONS TO STUDY MANAGEMENT

1. Management roles took out four of the top five highest paying roles in Australia in 2019, according to SEEK's bi-annual data on Australian salaries.
2. Work with organisations on real projects, and complete internships through our Work Integrated Learning program. Some of our students have interned with local governments, Myer and RAC Arena.
3. Future job growth is predicted to be strong for management roles in the fields of advertising, public relations, sales, finance, engineering, research and development, and information and communications technology *(source: Australian Government Job Outlook 2019).*

Marketing

Bachelor of Business	
TISC Code MUBUS	**Course Code** B1367
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

Bachelor of Commerce	
TISC Code MUCMC	**Course Code** B1359
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

The fast-paced world of marketing is always changing. Learn through digital marketing, social media and traditional marketing techniques.

About this course

- → Learn about the many different kinds of marketing including: social media, content, digital, influencer, traditional and more.
- → See marketing theory brought to life through case studies, industry placements and through your work with real clients to develop real marketing plans.
- → Graduate with a solid portfolio of work, with access to future employers and the kind of experience you need to launch an exciting career.
- → Learn how to use Instagram, Snapchat, Facebook, Google and more in a business setting, as an entrepreneur and to influence people.
- → Complete Google and Facebook certifications during your course.

Some things you'll learn

- → International marketing
- → Strategic marketing
- → Consumer behaviour
- → Integrated marketing communications
- → Services marketing

Professional recognition

This course is recognised by the Australian Marketing Institute.

Your future career

Future job growth in this area is strong – and your opportunities are endless. With a major in Marketing, your future career options could include:

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

TOP 3 REASONS TO STUDY MARKETING

1. Get real-world experience through our Work Integrated Learning program. Some of our students interned at RAC Arena and were part of the behind-the-scenes team who launched the Arena's Snapchat channel at the Harry Styles' 2018 concert.
2. Learn from experts who have worked with companies such as MTV, Pepsi, Nike and other multi-national corporations.
3. By 2023, it's expected that there will be 53,000 new jobs in this field *(Source: Job Outlook 2019).*

Bachelor of Criminology

Crime Science

Bachelor of Criminology	
TISC Code MUCCS	**Course Code** B1345
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Learn how to apply your scientific problem-solving skills to investigate criminal cases and explore patterns of crime.

About this course

- Learn about what can cause growing crime rates and look closely at the "who, what, when, where, why" and how offences are committed.
- Explore the areas of science that can lead to solving and preventing crime – and learn why more than one approach is often needed in problem-solving.
- Examine how crime hotspots are identified and how patterns of crime have changed over time.
- Learn how data can identify and create opportunities for early intervention strategies and approaches to policing and crime prevention.
- Explore the value of scientific methods in the analysis of crime trends and the difficulties faced by police forces in protecting the community.

Some things you'll learn

- Forensic anatomy and anthropology
- Forensic science and miscarriages of justice
- Advanced criminology
- Crime science
- International and transnational crimes

Your future career

Studying a Bachelor of Criminology in Crime Science will set you 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 Corrections Officer
- Juvenile Justice Officer

TOP 3 REASONS TO STUDY CRIME SCIENCE

1. Murdoch is the only university in Australia to offer this course where you'll use real local data on local crime to generate hypotheses about crime patterns and trends.
2. Analyse a crime problem and propose a targeted problem-solving strategy through working with the different disciplines that crime science covers – law, forensics and criminology.
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.

Criminal Behaviour

Bachelor of Criminology	
TISC Code MUCCB	**Course Code** B1345
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

What drives people to commit crimes? Learn about the causes, interventions and prevention of criminal behaviour to prepare yourself for a career in the criminal justice system.

About this course

- → Learn to challenge common perceptions of crime as you investigate why people commit offences, how to reduce or prevent crime, and how to help both victims and offenders involved in the criminal justice system.
- → Examine punishment as a solution to crime whilst also considering the role of treatment as a response to criminal behaviour and the importance of reintegration.
- → Explore criminal behaviour from a social, psychological, biological and legal perspective.
- → Learn the practical skills and ways of thinking that can help you forge a rewarding career after you graduate.

Some things you'll learn

- → Criminal behaviour
- → Psychology and law
- → Children and crime
- → Policing and crime prevention
- → Culture, diversity and crime

Your future career

With a degree in Criminal Behaviour, you could work in the criminal justice system in a range of roles in Australia or overseas. Your future career options could include:

- → Community Correction or Liaison Officer
- → Juvenile Justice or Youth Officer
- → Criminologist
- → Police Officer
- → Research Officer

TOP 3 REASONS TO STUDY CRIMINAL BEHAVIOUR

1. Challenge common perceptions of crime with insights into why people commit offences, how to reduce or prevent crime, and how to help both victims and offenders involved in the criminal justice system.
2. Develop research methodologies to take an evidenced-based approach to your chosen field of work.
3. Develop analytical, creative and conceptual thinking to investigate social/crime problems from a criminal behaviour perspective.

Bachelor of Criminology

Lucy Stronach

BACHELOR OF CRIMINOLOGY /BACHELOR OF GLOBAL SECURITY
(TERRORISM AND COUNTERTERRORISM STUDIES)

"Since joining the Murdoch community I have been amazed by how many practical learning experiences have been offered to me. In addition to my internship in Mumbai, I've been lucky enough to intern at the Evidence Based Policing Unit of the WA Police and I've been on exchange to the US where I explored the criminal justice system in a whole new context.

Murdoch's the place where you get that community vibe and you're not just a number. It's really important because I wouldn't have been able to do the things I've done without this level of support and flexibility."

Legal Studies

Bachelor of Criminology	
TISC Code MUCLS	**Course Code** B1345
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Are you keen to explore 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? Learn about the legal system and how it shapes our world.

About this course

- Examine the Australian legal system and the way it shapes our society through a range of issues such as welfare law and human trafficking.
- Learn how the law interacts with other areas, taking units in criminology as you study the foundations of business law and other areas of the law.
- Gain skills in dispute resolution through role play and interactive activities.
- Learn a variety of dispute resolution processes including negotiation, conciliation, mediation and arbitration.
- Investigate the interactions between law, crime, frameworks in societies and the various social groupings within society.

Some things you'll learn

- Social and welfare law
- Criminological research methods
- Alternative dispute resolution
- International and transnational crimes
- Law, justice and social policy

Your future career

Studying a Bachelor of Criminology in Legal Studies will set you up for a career in the criminal justice system. Your future career options could include:

- → Community Correction Officer
- → Juvenile Justice Officer
- → Criminologist
- → Paralegal Officer
- → Court Administrator

TOP 3 REASONS TO STUDY LEGAL STUDIES

1. Learn to produce high-quality and persuasive communications (for example, research reports, court reports and policy reports) so that you're job-ready when you graduate.
2. Build your network from within our Law School, making use of our strong ties to the Western Australian legal and business community.
3. Challenge the way you think about the world as you explore the legal system and how it shapes society.

Learn from criminology expert, David Keatley

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.

David 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 convictions were examined in the famous Netflix documentary series, Making a Murderer.

Bachelor of Criminology

White Collar and Corporate Crime

Bachelor of Criminology	
TISC Code MUCWC	**Course Code** B1345
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Embezzlement, money laundering and fraud - these are white collar and corporate crimes. Learn what's behind these illegal acts and how you can make a career fighting them.

About this course

- Examine case studies like the Volkswagen fuel emission case and learn about 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.

Some things you'll learn

- Policing and crime prevention
- White collar crime
- Cyber forensics and IT
- Server environments and architectures
- Criminal behaviour

Your future career

Studying a Bachelor of Criminology in White Collar and Corporate Crime will set you up for a career in the criminal justice system. Your future could options could include:

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

TOP 3 REASONS TO STUDY WHITE COLLAR AND CORPORATE CRIME

1. This Criminology major is the only course of its kind in Australia – and it could 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. Some of our students have interned with the Western Australia Police in the Evidence Based Policing Unit.
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.

Bachelor of Laws

Law

Bachelor of Laws	
TISC Code MULAW	**Course Code** B1321
Duration 4 years	**Selection Rank*** 90
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Want to stand up and defend the rights of others? Gain the experience you need to make a difference in the world and become a lawyer or legal practitioner.

About this course

- Take a hands-on approach to the law and 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 mooting 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.
- Complete this degree in just four years or sooner by taking advantage of our summer and winter intensive schedule. We also have mid-year entry available.

Some things you'll learn

- Criminal law and procedure
- Legal protection of international human rights
- Refugee and family law
- Introduction to mooting
- Introduction to legal practice

Professional recognition

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 Ministry of Law in Singapore, the Malaysian Bar Council and the Indian Bar Council.

Your future career

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:

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

TOP 3 REASONS TO STUDY LAW

1. Join Western Australia's largest and most successful mooting program, competing across Australia and the world.
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 with many electives to choose from.

Bachelor of Laws

Tessa Mayberry

BACHELOR OF LAWS

“It has been great to have the opportunity to study areas of law that I am specifically interested in, but also to use this knowledge in the real world through SCALES (our on-campus community legal clinic). The mentoring I received through the SCALES program has been phenomenal and has helped me to imagine what my life as a lawyer could look like. Murdoch’s range of competitions also meant I had the chance to be involved in things like mooting early on which helped me gain confidence and advocacy skills.”

Law - Graduate Entry

Bachelor of Laws	
TISC Code MULGL	**Course Code** B1340
Duration 3 years	**Selection Rank** N/A
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

Already have an undergraduate degree? Complete our Bachelor of Laws in just three years and embark on your career path to becoming a lawyer or legal practitioner.

About this course

- If you have already completed an undergraduate degree in any discipline you can apply for the Graduate Entry Law. This course allows you to complete our Bachelor of Laws in just three years, as you’ll be awarded 24 points of advanced standing and will follow a set structure of required units.
- Benefit from the same opportunities as other Law students and gain an understanding of the Australian legal system and specialist areas of law.
- Develop strong real-life legal skills through our clinical program with partners such as SCALES Community Legal Centre, where you’ll work on real cases with clients.
- Develop your reasoning skills in our internationally-recognised mooting 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.

Some things you’ll learn

- Criminal law and procedure
- Introduction to legal practice
- Evidence
- Contract
- Corporations law

Professional recognition

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 Ministry of Law in Singapore, the Malaysian Bar Council and the Indian Bar Council.

Your future career

Studying law can lead to a career in any area or industry, from navigating human rights to exploring emerging fields such as artificial intelligence. Your future career options could include:

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

TOP 3 REASONS TO STUDY LAW

1. Through Work Integrated Learning program, experience internships at real law firms, organisations and clinics.
2. Join Western Australia's largest and most successful mooting 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.

Alex Di Rosso

BACHELOR OF LAWS / BACHELOR OF COMMUNICATION
(JOURNALISM)

"As far as my degree goes, especially the law side of things, I would tell prospective uni students that it's probably the best choice they can make in WA. Whatever a person is studying, I'd suggest that they seriously look at Murdoch - it's a great uni."

Creative Arts + Communication

5 STAR RATING

for learning resources and skills development for communications

GOOD UNIVERSITIES GUIDE 2020

RANKED IN THE TOP 15 UNIVERSITIES IN AUSTRALIA

for communication and media studies

TIMES HIGHER EDUCATION RANKINGS BY SUBJECT 2020

HIGHEST RATED UNIVERSITY IN WESTERN AUSTRALIA

for learning resources for communications

GOOD UNIVERSITIES GUIDE 2020

More than ever, creativity can be a force for good in the world. Here at Murdoch, you'll hone your craft to tell powerful stories that challenge the status quo and shine the spotlight on some of the world's biggest issues.

How you forge your path is up to you, but making a living in the creative industries requires more than just creativity itself. At Murdoch, you'll develop an entrepreneurial attitude, client consultation skills, critical thinking and the ability to adapt – so you can action your ideas.

7 REASONS TO STUDY CREATIVE ARTS + COMMUNICATION AT MURDOCH

1. Work with real clients at MESH, our student creative consultancy, or complete internships through our Work Integrated Learning program. Our students have worked with some of Australia's leading not-for-profit organisations, businesses and government agencies.

2. Learn from lecturers who have worked for some of the world's biggest companies, including Walt Disney Animation, Pixar and Interzone Games, as well as on a wide range of film and television productions, radio and news programming, and prominent communications campaigns, in Australia and abroad.

3. Hone your craft in industry-standard facilities, which include a sound stage, television and radio studio, newsroom, digital postproduction facilities, sound-mixing studios, professional video and editing suites, our Nexus Theatre and a drama studio that is used by FRINGE WORLD.

4. Travel to Indonesia to take part in a six-week program that involves learning Indonesian and taking an internship in the media or creative industries, or tour theatre and drama productions in Southeast Asia.

5. Showcase your creative work through local, national and even global competitions. Our students have had their writing published and won film awards that have landed them jobs with global film and music producers.

6. Study two majors or degrees at once to graduate with more career opportunities.

7. Study units at our partner universities across the globe through our Study Abroad and Exchange program.

Bachelor of Arts

English and Creative Writing

Bachelor of Arts	
TISC Code MUAEC	**Course Code** B1356
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Creative writing can make people laugh, cry, think from a new perspective and even shape the world. Use your creative writing skills and love of the English language to tell stories in a range of different contexts and styles.

About this course

- 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 who have published major works, to drama practitioners and performance theorists, and experts in English and comparative literature.
- Develop your skills in becoming an insightful thinker, an observant reader and an imaginative writer.
- Explore a wide range of literary, theoretical and dramatic texts, from the Renaissance to the present day, and develop your capacity for reflection and analysis.

Some things you'll learn

- Professional writing and editing
- Reading and writing in the online world
- Poetry: sonnet to slam
- Literature, imagination and politics
- The short story: approaches to reading and writing

Your future career

When you graduate 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

TOP 3 REASONS TO STUDY ENGLISH AND CREATIVE WRITING

1. Work with organisations on real projects with our on-campus student creative consultancy MESH, and complete internships through our Work Integrated Learning program. Some of our students have interned with the Blue Room, Fringe Festival and the Heath Ledger Theatre.
2. Showcase your creative work through local, national or even global competitions. Our students have had their writing published and won film awards that have landed them jobs with global film and music producers.
3. Strong future job growth is expected for authors, book and script editors *(source: Australian Government Job Outlook 2019).*

Theatre and Drama

Bachelor of Arts	
TISC Code MUATD	**Course Code** B1356
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Explore the world of theatre and performance, and specialise in the areas of acting, production, lighting, stage management or design.

About this course

- Explore a range of important theatrical, performative and dramatic texts.
- Hone your skills in acting, writing, production and design.
- Learn how dramatic texts and performances function in a range of different historical, social and cultural contexts.
- Develop your skills, both on and off stage, in a diverse range of performance modes and styles.
- Develop the professionalism and the confidence to create and produce work for public performance under the guidance of mentors, practitioners and academics.

Some things you'll learn

- Acting and producing for the stage
- Acting and performance
- Theatre and society
- Making contemporary theatre
- Writing for performance

Your future career

When you graduate you could work in the television or film industry, teach drama or explore roles in the entertainment industry, theatre or events management or in the creative arts. Your future career options could include:

- → Actor or Performance Artist
- → Director or Producer
- → Script Writer
- → Stage Manager or Theatre Technician
- → Theatre Arts Administrator

TOP 3 REASONS TO STUDY THEATRE AND DRAMA

1. Work in the Nexus Theatre and Studio 411, our on-campus teaching and performing venues.
2. Gain work experience through our Work Integrated Learning program. Some of our students have interned with The Blue Room, Heath Ledger Theatre and Fringe World Festival.
3. Showcase your creative work through theatre festivals and competitions. Our students have had their writing published and won local and national theatre awards. They have acted in movies, television and theatre, are writing for Black Swan and starring for the Sydney Theatre Company.

Zenna Sparkes-Santos

BACHELOR OF ARTS
(THEATRE AND DRAMA + ENGLISH AND CREATIVE WRITING)

"What I've enjoyed most about my degree is its versatility. Two of my biggest passions in life are music and theatre and it's my goal to make a career out of combining the two. Thanks to Murdoch, I'm able to study Theatre and Sound side by side, instead of having to choose between them."

Bachelor of Communication

Georgia Macleod

BACHELOR OF COMMUNICATION
(JOURNALISM + SOCIOLOGY)

Georgia spent one year of her degree studying abroad in the Netherlands and Denmark.

"The course I was studying was a journalism course called Europe in the World. It was particularly exciting because we had to travel and report from different countries for some of our assignments. I went to Kosovo with a small group of fellow students and also went to London for a month on a solo trip to interview people and work on my final exam project.

My time abroad taught me new ways of understanding and practising journalism, and gave me ideas about what to do with the skills I acquired."

Global Media and Communication

Bachelor of Communication	
TISC Code MUCOM	**Course Code** B1342
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Is your dream career in a communication or media role? Equip yourself with all the communication and creative skills you need to succeed in an ever-changing global media industry.

About this course

- Develop new skills and gain experience as you analyse both traditional and digital media texts.
- Learn about the power of communication and its impact on society and culture.
- 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.

Some things you'll learn

- Social, games and mobile media
- Disruptions and innovations in communication
- Communicating global issues
- Media audiences
- Media governance and globalisation

Your future career

Just about every profession recognises the value of excellent written and spoken communication skills. Your future career options could include:

- → Media and Communication Officer
- → Media Researcher
- → Communication Policy and Strategy Consultant
- → Campaign Specialist
- → Web and Media Analyst

TOP 3 REASONS TO STUDY GLOBAL MEDIA AND COMMUNICATION

1. Work with real organisations on real projects as part of our Work Integrated Learning program.
2. Get more real-world experience in our on-campus student creative consultancy MESH and work on real projects with real companies.
3. Your studies will be led by industry professionals with vast experience and connections in their respective fields. Many of our academics have worked as journalists in major media organisations and held executive roles in media regulatory bodies and government departments in Australia and internationally.

Bachelor of Communication

Journalism

Bachelor of Communication	
TISC Code MUCOM	**Course Code** B1342
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Embark on a career as a storyteller in the digital age with practical writing, reporting and producing skills developed within our online newsroom.

About this course

- 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, video journalism, and how to manage the back end of a website.
- Learn how to use Adobe Photoshop, Premiere Pro and Audition and use drones to capture stories from a completely different angle.
- Conduct interviews, photoshoots and create videos and multimedia content to tell amazing stories.
- 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.

Some things you'll learn

- Digital news gathering and reporting
- Online and mobile journalism
- Digital media skills
- TV news reporting
- How to work in a digital newsroom

Your future career

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

TOP 3 REASONS TO STUDY JOURNALISM

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. Get more real-world experience in our on-campus student creative consultancy MESH and work on real projects with real companies.
3. Have the opportunity to add a minor in Radio, which gives you live, on-air experience through Radio Fremantle and other radio productions.

Strategic Communication

Bachelor of Communication	
TISC Code MUCOM	**Course Code** B1342
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Do you love building relationships and all forms of communication and media? Learn how to use these skills as a strategic communicator in a diverse and global world.

About this course

- Learn how to communicate and engage with various stakeholders and audiences strategically.
- Develop digital and traditional communication skills and apply them in a range of contexts from web communication, to social media, creative production and news media.
- Work with real clients on real campaigns as you build a wide range of skills for professional communication in the digital age.
- Learn how to create and produce content, manage social media and develop public relations and communications strategies.
- Learn from industry professionals with vast experience and connections in their respective fields. Some of our experts have managed their own major social media and PR agencies overseas and worked with major international health companies, Heineken, Invisalign and more.

Some things you'll learn

- Social media management
- Consulting and freelancing
- Campaign management
- Communication strategy and planning
- Web design

Professional recognition

This course is accredited by the Public Relations Institute of Australia.

Your future career

When you graduate you can choose from careers in strategic communication, public relations and specialised areas such as social media management, public affairs, 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

TOP 3 REASONS TO STUDY STRATEGIC COMMUNICATION

1. Work with real organisations on real projects as part of our Work Integrated Learning program. Some of our students have interned with Lifeline, RAC Arena and The Salvation Army.
2. Get more real-world experience in our on-campus student creative consultancy MESH and work on real projects with real companies. Organisations have included Royal Lifesaving Western Australia and the Western Australia Division of the United Nations.
3. Strong future growth is expected for public relations, advertising and marketing professionals *(Source: Australian Government Job Outlook 2019).*

Bachelor of Communication

Web Communication**

Bachelor of Communication	
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*
***This major is subject to approval for 2021*

Interested in advancing your digital communication skills? Gain specialised knowledge in social media strategy, search engine optimisation, digital content strategy and web design and analytics.

About this course

- Learn the essential practical, theoretical and technical skills necessary for digital communication. You'll learn the core communication areas of social media strategy, search engine optimisation, digital content strategy and web analytics.
- Throughout this project-based course you'll cover all aspects of a web communication campaign, from developing digital personae to pitching ideas to a client. You'll learn how web communication works in business, society and in the political realm, while learning how to plan social media and digital communication campaigns for different target audiences.
- Develop your knowledge in web communication strategy, digital platforms (such as websites and social media) and data analysis so that you can maximise your opportunities and reach in this continually changing professional landscape. This course has a very practical focus and you will learn through doing.

Some things you'll learn

- Issues management – critical and ethical issues in communication
- Web strategy
- Strategic communication
- Web research and planning
- Social media analysis

Your future career

When you graduate you could find yourself working in any industry or business engaging with the web and social media. Your future career could include:

- Social Media Manager or Strategist
- Digital Media Manager or Strategist
- Digital and Content Manager/Content Creator
- Web Communication Manager
- SEO Strategist or Web Data Analyst
- Entrepreneur/Business Owner

TOP 3 REASONS TO STUDY WEB COMMUNICATION

1. Put theory into practice with professional placements through our Work Integrated Learning program where you could have the opportunity to take on real projects with real clients through our on campus consultancy, MESH.
2. This course is projects-based, meaning you will have a hands-on learning experience and learn through doing. You'll work with real life clients and be supervised by industry professionals.
3. Be taught by leading academics and tutors with local, national and international industry experience.

Bachelor of Creative Media

Games Art and Design

Bachelor of Creative Media	
TISC Code MUCME	**Course Code** B1343
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Visual Arts

**Minimum Selection Rank required for consideration*

Take your passion for video games to the next level and set yourself up for a career in the games production industry with this tailored course taught by international experts.

About this course

- Gain knowledge of 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 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.
- Gain the benefits of the fundamental concepts in digital art workflows and design, as well as the relevance and experience of working with industry best-practices.

Some things you'll learn

- Advanced 3D character animation
- Mobile app and interaction design
- VR, platforms and publishing
- Critical games play and design
- Digital painting

Your future career

With a major in Games Art and Design, 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

TOP 3 REASONS TO STUDY GAMES ART AND DESIGN

1. Work with real organisations on real projects, and complete internships through our Work Integrated Learning program. Our students have collaborated with Black Lab Games and the Water Corporation in the past.
2. Study and 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.
3. Learn from academics who are international 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.

As a Communication or Creative Media student you'll be able to study a common first semester. This means you can start your course and explore the areas you like most, before you lock in your major.

Bachelor of Creative Media

Graphic Design

Bachelor of Creative Media	
TISC Code MUCME	**Course Code** B1343
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Visual Arts

**Minimum Selection Rank required for consideration*

Graphic design is everywhere, from your favourite apps to your favourite breakfast cereal. Learn how to create visual content to communicate messages and kick-start your career in graphic design.

About this course

- Learn design strategy and practical skills for a range of print and digital media contexts.
- Learn to master industry-specific software, critical design thinking, visual problem-solving and authentic production techniques.
- You'll 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.

Some things you'll learn

- Publication design
- Identity and branding
- Web and app design
- Interaction design
- Information and service design

Professional recognition

As a graduate, you will be eligible to apply for associate status with the Design Institute of Australia and the Australian Graphic Design Association.

Your future career

When you graduate, you'll have the skills and knowledge suitable for a career in graphic design, including publication and prepress, branding and identity, signage, and web and app development. Other future career options could include:

- Graphic Designer
- Service Designer
- Digital or Web Designer
- Interaction Designer
- Publication and Prepress Designer

TOP 3 REASONS TO STUDY GRAPHIC DESIGN

1. Take advantage of our world-class facilities, which include computer labs and studio spaces decked out with all the latest design software and hardware like 3D printers to help you bring your print and digital designs to life.
2. Get more real-world experience in our on-campus student creative consultancy MESH and work on real projects with real companies such as the Water Corporation, BMX Sports Western Australia and the Cockburn Cougars.
3. Be taught by industry professionals in graphic design, including art directors from leading Perth companies. Some of our academics have completed work for Bear Grylls and Heston Blumenthal.

Photography

Bachelor of Creative Media	
TISC Code MUCME	**Course Code** B1343
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Photographers capture the images that define our world and record our time. Develop your skills as an image creator as you combine theoretical and practical photography with digital imaging techniques.

About this course

- 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.

Some things you'll learn

- Photographic technique
- Digital imaging and design
- Studio and lighting
- Visual literacy
- Documentary photography

Professional recognition

Upon entering the industry, you can apply to join various industry associations such as Australian Accredited Professional Photographers, CAMS Photographer Accreditation Program or the Australian Photographers Association.

Your future career

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. Other future career options could include:

- Photo Journalist
- Content Producer
- Professional Photographer
- Freelance Image Producer
- Professional Artist

TOP 3 REASONS TO STUDY PHOTOGRAPHY

1. Work with real organisations on real projects and complete internships through our Work Integrated Learning program and on-campus student creative consultancy MESH.
2. Showcase your creative work through local, national or even global competitions putting you in front of industry eyes and allowing you to make connections with potential future employers.
3. Develop an entrepreneurial attitude, client consultation skills, critical thinking and the ability to adapt - so you can action your ideas.

Bachelor of Creative Media

Screen Production

Bachelor of Creative Media	
TISC Code MUCME	**Course Code** B1343
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Turn your love of cinema, television, online content and cinematography into a career by learning to bring stories to life.

About this course

- Learn about scriptwriting, producing, directing, cinematography, production design, digital video editing, sound recording and sound design.
- Gain hands-on experience from international award winning film-makers.
- Use a wide range of professional production equipment and industry-standard facilities, including digital editing suites, 4K industry cameras, a broadcast quality TV studio, and a state-of-the-art sound stage.
- Learn all the roles involved in creating screen productions of many kinds including drama, documentary, factual production and experimental pieces.

Some things you'll learn

- Directing and producing
- Writing for the screen
- Practical film skills
- Consulting and freelancing
- Factual and documentary production

Professional recognition

Murdoch University is a member of the Australian Screen Production Education and Research Association.

Your future career

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

TOP 3 REASONS TO STUDY SCREEN PRODUCTION

1. Work with real organisations on real projects and complete internships through our Work Integrated Learning program and on-campus student creative consultancy MESH.
2. Build a portfolio of creative works throughout your degree, which you can use to showcase your creative potential to future employers and production houses.
3. Work with international award-winning filmmakers. Our teaching team includes Damian Fasolo, Dr Glen Stasiuk and Dr John McMullan, multi-award-winning filmmakers, with more than 20 years' combined experience in screen production across music videos, TV commercials, documentaries, docudramas, web-series, green-screen productions, TV shows, and live event productions.

Bachelor of Creative Media

Jayden Kern

BACHELOR OF CREATIVE MEDIA
(SOUND)

“My degree was full of exciting moments and projects such as running a radio station on Radio Fremantle, producing and live mixing in the Murdoch studio suites, remixing label distributed songs and actually having my remix published.

Since all the lecturers have worked in industry, they are all highly passionate about what they do and it makes it just that much more enjoyable.”

Sound

Bachelor of Creative Media	
TISC Code MUCME	**Course Code** B1343
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Learn to tell stories with sound – from the spoken word to podcasting, surround sound cinema and interactive immersive environments.

About this course

- Learn how to work in a recording studio, exploring contemporary sound design and production in areas such as popular music, sound for film and games, music technology and live sound.
- Explore the theory and production of sound across a range of creative industries.
- Use our production facilities which include a real soundstage, recording studio, television studio, drama theatre and surround sound mixing suites to work on music, film, television, games and drama productions.
- You'll cover topics including recording, editing, mixing and remixing sound for music, film and television; sound design for interactive media, games and theatre; industrial sound design; and radio production.

Some things you'll learn

- Recording studio production
- Music technology
- Advanced sound production
- Sound for screen
- Game audio

Professional recognition

Murdoch University is a member of the Australian Screen Production Education and Research Association.

Your future career

Graduating with a major in Sound means you'll be ready for a career in a range of industries and fields such as music technology, TV and film, radio, gaming, theatre and drama, podcasting, live sound production and sound design. Your future career options could include:

- → Audio or Live Sound Engineer
- → Foley Artist or Editor
- → Sound Recordist or Boom Operator
- → Radio or Podcast Producer
- → Sound Designer or Editor

TOP 3 REASONS TO STUDY SOUND

1. Work with real organisations on real projects, and complete internships through our Work Integrated Learning program. Some of our students have worked with ABC, CCA Sound, RTRFM, 92.9FM, 6IX, Weta Digital (Peter Jackson NZ), and Risk Sound (Melbourne).
2. Build a portfolio of creative works throughout your degree, which you can use to showcase your creative potential to future employers.
3. Follow your own path. Some of our graduates have worked in Oscar-winning sound production teams, developed products for government organisations, collaborated with the Singapore National Museum on an augmented reality project, and remixed an album that cracked the US music charts.

Bachelor of Digital Media and Communication

Digital Media and Communication**

Bachelor of Digital Media and Communication	
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*
***This course is subject to approval for 2021*

Combine your love for communicating with your passion for creative media in a three-year degree that prepares you for a rapidly changing world.

About this course

- Gain practical and theoretical skills needed to prepare for employment in the ever-changing landscape of the Communication and Creative Media industry.
- Develop digital and traditional communication skills and then learn how to apply them in a range of contexts from web communication, to social media, to creative production and news media.
- Alongside core areas of study, you can choose units from Games Art and Design, Graphic Design and Screen Production, along with Journalism, Strategic Communication, Global Media and Communication or Web Communication.

Some things you'll learn

- Web communication, web analytics and social media
- Consulting, freelancing and client production
- Publication design
- Online and mobile journalism
- Podcasting

Your future career

When you graduate you could pursue a career across a range of fields in both the public and private sector. Your future career could include:

- Marketing Manager
- Strategic Communication Manager
- Graphic Designer
- Filmmaker
- Arts and Events Manager
- Journalist

TOP 3 REASONS TO STUDY DIGITAL MEDIA AND COMMUNICATION

1. Learn in our production facilities including a sound stage, television and radio studio, newsroom, digital post-production facilities, sound-mixing studio and professional video and editing suites.
2. Customise your course with a preferred combination of majors to choose from to create your perfect degree and career.
3. Get more real-world experience in our on-campus student creative consultancy MESH and work on projects with real companies. Past clients and partner organisations have included Royal Lifesaving Western Australia and the Western Australia Division of the United Nations.

Engineering

5 STAR RATING

for overall experience, student support, teaching quality and median graduate starting salary for engineering and technology

GOOD UNIVERSITIES GUIDE 2020

450+ HOURS REAL-WORLD WORK EXPERIENCE

as part of your degree

HIGHEST RATED UNIVERSITY IN WESTERN AUSTRALIA

for median graduate starting salary for engineering and technology

GOOD UNIVERSITIES GUIDE 2020

Embark on a career that allows you to make a difference in the world. A degree in Engineering can lead you to solve problems in the mining industry, find new ways to control pollution in big cities or design technology that can change lives.

Our Engineering graduates are professional, practical and creative thinkers, guided by principles of social justice and sustainability.

7 REASONS TO STUDY ENGINEERING AT MURDOCH

1. Graduate with at least eight weeks of practical placement experience and work with industry partners to contribute to solving real-world engineering issues.

2. Develop your skills in our nationally renowned pilot plant, one of only a few in Australia and the only one of its kind in Western Australia.

3. Participate in industry competitions like the Unearthed Hackathon or join an Engineers Without Borders program, such as the Humanitarian Design Summit, where you can travel to a developing country to learn how you can use your engineering skills to create positive change within communities.

4. Study a common first year, so you can start your degree and explore the areas you like most, before you lock in your major.

5. Apply for graduate membership with Engineers Australia, the Australian industry body for engineering.

6. Study two majors or degrees at once to graduate with more career opportunities.

7. Study units at our partner universities across the globe through our Study Abroad and Exchange program.

Bachelor of Engineering

Electrical Power Engineering (Honours)

Bachelor of Engineering	
TISC Code MUENG	**Course Code** H1264
Duration 4 years	**Selection Rank*** 80
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Methods or Mathematics Specialist Physics

**Minimum Selection Rank required for consideration*

Gain the skills you need to develop reliable, efficient and sustainable power systems for the next generation.

About this course

- Explore power systems, including power generators and motors, power electronics, transmission and distribution systems and power systems operation.
- 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.
- A final honours year is embedded in this degree, meaning you'll be able to apply everything you learn in your first three years of study through an engineering project under the guidance of an experienced supervisor.

If you don't get an offer for this course, you can apply for our Bachelor of Engineering Technology and apply to transfer across to this major after your first year of study.

Some things 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, management and law

Professional recognition

Our engineering degrees are 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.

Your future career

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

TOP 3 REASONS TO STUDY ELECTRICAL POWER ENGINEERING (HONOURS)

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 the Engineers Without Borders program.
3. Get hands-on experience with the power engineering lab - containing both electrical machines and power electronics modules, so you'll graduate industry ready.

Bachelor of Engineering

Industrial Computer Systems Engineering (Honours)

Bachelor of Engineering	
TISC Code MUENG	**Course Code** H1264
Duration 4 years	**Selection Rank*** 80
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Methods or Mathematics Specialist Physics

**Minimum Selection Rank required for consideration*

If you love the idea of working with electronic and computer-based technologies to develop solutions, this is the course for you.

About this course

- Learn how to use computer-based communication, measurement and control technologies to design, commission and operate in industries associated with mining, energy, power, manufacturing, and oil and gas production.
- Experience hands-on learning by exploring state-of-the-art technologies, including programmatic logic controllers and supervisory control and data acquisition systems as used by industry.
- A final honours year is embedded in this degree, meaning you'll be able to apply everything you learn in your first three years of study through an engineering project under the guidance of an experienced supervisor.

If you don't get an offer for this course, you can apply for our Bachelor of Engineering Technology and apply to transfer across to this major after your first year of study.

Some things you'll learn

- Continuous and discrete time systems
- Engineering finance, management and law
- Industrial computer systems design
- Instrument and communication systems
- SCADA and systems architecture
- Automatic Control Systems and Distributed Control Systems

Professional recognition

Our engineering degrees are accredited by Engineers Australia. You could become a full chartered professional engineer after a further three to five years of engineering work experience.

Your future career

Graduating with a major in Industrial Computer Systems Engineering creates a range of career opportunities for you across the technology and engineering sectors. Your future career options could include:

- Control Systems Engineer or Systems Assurance Engineer
- Functional Safety Engineer
- Asset Maintenance and Planning
- Industrial Network Engineer

TOP 3 REASONS TO STUDY INDUSTRIAL COMPUTER SYSTEMS ENGINEERING (HONOURS)

1. This degree will put you in high demand in energy and water utilities, government departments and corporations.
2. Work with an industry partner in your final year to develop your professional practice skills. Previous students have developed waste management plans for government bodies, worked on a waste-to-energy plant for Perth Airport and constructed stormwater treatment cells for local Perth suburbs.
3. Gain 450 hours of real work experience as part of your degree.

Instrumentation and Control Engineering (Honours)

Bachelor of Engineering	
TISC Code MUENG	**Course Code** H1264
Duration 4 years	**Selection Rank*** 80
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Methods or Mathematics Specialist Physics

**Minimum Selection Rank required for consideration*

Learn how to design and operate an industrial control system using process-oriented instrumentation and gain the ability to monitor and control systems in a way that is safe, environmentally sound and cost-effective.

About this course

- Learn how to design, commission and test complex industrial control systems.
- Learn how to design and operate your own multivariable controllers in a pilot plant, which mirrors actual large-scale industrial operations.
- A final honours year is embedded in this degree, meaning you'll be able to apply everything you learn in your first three years of study through an engineering project under the guidance of an experienced supervisor.

If you don't get an offer for this course, you can apply for our Bachelor of Engineering Technology and apply to transfer across to this major after your first year of study.

Some things you'll learn

- Control systems and process dynamics
- Process control engineering
- Engineering finance, management and law
- Instrumentation and control systems design
- Process control and safety systems

Professional recognition

Our engineering degrees are accredited by Engineers Australia. You could become a full chartered professional engineer after a further three to five years of engineering work experience.

Your future career

With a major in Instrumentation and Control Engineering, you'll have a wide range of career opportunities across a range of industry sectors. Your future career options could include:

- Control and Instrumentation Engineer
- Functional Safety Engineer
- Control Systems Engineer
- Process Control Engineer
- Instrumentation Systems Engineer

TOP 3 REASONS TO STUDY INSTRUMENTATION AND CONTROL ENGINEERING (HONOURS)

1. Gain hands-on skills from industry experts to prepare you for a range of careers in sectors such as mining, oil and gas, renewable energy and utility supply.
2. Make use of our $10.1 million Bayer Pilot Plant - a real world engineering plant with a dedicated control room, the only one of its kind in Western Australia.
3. Travel overseas to create positive change through the Engineers Without Borders program.

Bachelor of Engineering

Henry Davis

BACHELOR OF ENGINEERING

"I chose to study Renewable Energy Engineering and Electrical Engineering at Murdoch University as the structure of the course is streamlined and set up in a way that allows students to study a double major without an extra workload. From day one, you are studying material that applies to your area of interest."

Renewable Energy Engineering (Honours)

Bachelor of Engineering	
TISC Code MUENG	**Course Code** H1264
Duration 4 years	**Selection Rank*** 80
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Methods or Mathematics Specialist Physics

**Minimum Selection Rank required for consideration*

How do we harness renewable and sustainable energy sources to help power the world? In this course you'll learn to design renewable energy systems to help create a more sustainable energy future for our planet.

About this course

- Learn first-hand from industry professionals at Murdoch's research institutes.
- 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.
- A final honours year is embedded in this degree, meaning you'll be able to apply everything you learn in your first three years of study.

If you don't get an offer for this course, you can apply for our Bachelor of Engineering Technology and apply to transfer across to this major after your first year of study.

Some things you'll learn

- Energy supply and management
- Applied photovoltaics
- Wind and hydro power systems
- Solar thermal and biomass engineering
- Renewable energy systems engineering

Professional recognition

Our Engineering degrees are accredited by Engineers Australia. You could become a full chartered professional engineer after a further three to five years of engineering work experience. You'll also be eligible for Clean Energy Council provisional accreditation for the design of grid connect photovoltaic and stand-alone power systems.

Your future career

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 or Systems Designer
- → Power Systems Engineer
- → Renewable Resource Analyst
- → Energy Efficiency Consultant

TOP 3 REASONS TO STUDY RENEWABLE ENERGY ENGINEERING (HONOURS)

1. Get experience at our Renewable Energy Systems Laboratory, which houses various grid connected PV systems that are the only NATA certified lab testing inverters and solar system components in Australia.
2. Graduate with skills in high demand for a range of careers in small and large-scale power generation and distribution.
3. Join a growing industry – renewable energy as a proportion of global energy supply is expected to grow by one-fifth in the next five years *(source: International Energy Agency, 2018).*

Juliette Kuiper

BACHELOR OF ENGINEERING

"Personally, coming from a non-science background, Murdoch gave me a chance to pursue my dream to study engineering. I started International Aid and Development as a major to discover where help was most needed. The skills engineering is teaching me now will allow me to develop designs improving waste and water management in developing countries and Australia."

Bachelor of Engineering Technology

Engineering Technology

Bachelor of Engineering Technology	
TISC Code MUSET	**Course Code** B1387
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Methods or Mathematics Specialist Physics

**Minimum Selection Rank required for consideration*

Do you love bringing complicated ideas to life, exploring how things work, improving processes or simply imagining what's possible? In this degree you'll learn how to use and adapt equipment and processes to optimise the use of resources.

About this course

- 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 industrial computer systems, instrumentation and control, electrical power or renewable energy, depending on your interests and career goals.

Some things you'll learn

- Electrical and electronic circuits
- Energy, mass and flow
- Control systems and process dynamics
- Instrument and communication systems
- Electrical power systems
- Wind and hydro power systems

Your future career

Graduating with a degree in Engineering Technology will open up many opportunities for a wide range of engineering and applied science careers around the world. You can also pursue careers in industries associated with electrical power and energy systems, computing and information technology, and instrumentation and control. Your future career options could include:

- Customer Support Engineer
- Instrumentation Technician
- Systems Integration Engineer
- Asset Maintenance Engineer
- Design Engineer

TOP 3 REASONS TO STUDY ENGINEERING TECHNOLOGY

1. After completing the first year of your Bachelor of Engineering Technology, you could apply to transfer to a Bachelor of Engineering (Honours) degree.
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. Make use of our $10.1 million Bayer Pilot Plant - a real world engineering plant with a dedicated control room, the only one of its kind in Western Australia.

Bachelor of Engineering Technology/Master of Engineering (Chemical and Metallurgical Engineering)

Engineering Technology/Chemical and Metallurgical Engineering**

Bachelor of Engineering Technology/Master of Engineering (Chemical and Metallurgical Engineering)	
Duration 5 years	**Selection Rank*** 80
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Specialist

**Minimum Selection Rank required for consideration*
***This course is subject to approval for 2021*

Are you a problem solver with a passion to bring practical solutions to complex scenarios, improving processes or simply imagining what's possible? The Bachelor of Engineering Technology and Master of Engineering (Chemical and Metallurgical Engineering) offers you both undergraduate and postgraduate Engineering qualifications in a five-year program.

About this course

- This unique integrated qualification combines both a breadth of Engineering studies in the undergraduate program and in-depth specialisation via a postgraduate Master of Engineering qualification in a five-year degree.
- Develop problem-solving skills based on applied mathematics, chemistry and computing that provide a strong foundation for your engineering career and beyond.
- Become a specialist Chemical and Metallurgical Engineer with in-depth knowledge and experience via the integrated Master program.
- Gain experience in a range of industries as part of your studies, developing your understanding of how to apply what you have learned during your course.
- Undertake a supervised Master's project which applies your skills to industry linked challenges.

Some things you'll learn

- The applications of Engineering in the minerals industry
- Find new ways to make the most out of our natural resources, turning raw material into useful products, while ensuring the sustainability of our planet
- Mathematical modelling and computer simulation of various chemical processes
- The mining and manufacturing processes required to turn low value raw materials into high value products
- How to harvest mineral resources in safe and responsible ways, using the latest chemical and metallurgical processes

Your future career

Graduating with an integrated Bachelor of Engineering Technology and Master of Engineering (Chemical and Metallurgical Engineering) gives you a head start in your career and opens the door to a range of Engineering opportunities. Your future career options could include:

- Chemical or Process Engineer who operates a wide range of chemical process plants
- Environmental Consultant on water and energy
- Systems Integration Engineer
- Consultant or Researcher
- Design Engineer

TOP 3 REASONS TO STUDY ENGINEERING TECHNOLOGY/ CHEMICAL AND METALLURGICAL ENGINEERING

1. You can complete both an undergraduate Engineering Technology qualification and a Master of Engineering Qualification within five-years.
2. We have a five-star rating for overall experience, student support, teaching quality and median graduate starting salary for Engineering and Technology *(source: Good Universities Guide 2020)*.
3. Graduating with a specialisation in Engineering will open the doors to a wide range of career opportunities across the globe.

Bachelor of Engineering Technology/Master of Engineering (Environmental Engineering)

Varunkrishna Penugonda Manohar Gupta

BACHELOR OF ENGINEERING

"I chose to study Engineering at Murdoch because I have always loved chemistry and wanted to have a strong future that I could rely on. By studying at Murdoch I got to follow that passion to Perth, where I have met so many new people and made long-lasting friendships that I know I'll have for years to come."

Engineering Technology/Environmental Engineering**

Bachelor of Engineering Technology/Master of Engineering (Environmental Engineering)	
Duration 5 years	**Selection Rank*** 80
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Specialist

**Minimum Selection Rank required for consideration*
***This course is subject to approval for 2021*

Are you a problem solver with a passion to develop sustainable Engineering solutions to meet the challenges of tomorrow? The Bachelor of Engineering Technology and Master of Engineering (Environmental Engineering) offers you both undergraduate and postgraduate Engineering qualifications in a five-year program.

About this course

- This unique integrated qualification combines both a breadth of Engineering studies in the undergraduate program and in-depth specialisation via a postgraduate Master of Engineering qualification in a five-year degree.
- Develop problem-solving skills based on applied mathematics, chemistry and computing that provide a strong foundation for your engineering career and beyond.
- Become a specialist Environmental Engineer with in-depth knowledge and experience via the integrated Master program.
- Gain experience in a range of industries as part of your studies, developing your understanding of how to apply what you have learned during your course.
- Undertake a supervised Master's project which applies your skills to industry linked challenges.

Some things you'll learn

- Applications of Engineering in a range of sectors
- Global perspectives on environmental issues
- Ethical approaches to sustainable development
- Design of water, energy, shelter and primary production systems underpinned by ecological knowledge

Your future career

Graduating with an integrated Bachelor of Engineering Technology and Master of Engineering (Environmental Engineering) gives you a head start in your career and opens the door to range of Engineering opportunities. Your future career options could include:

- → Environmental Consultant on water and energy
- → Systems Integration Engineer
- → Consultant for land developers, utilities and government agencies
- → Design Engineer

TOP 3 REASONS TO STUDY ENGINEERING TECHNOLOGY/ ENVIRONMENTAL ENGINEERING

1. You can complete both an undergraduate Engineering Technology qualification and a Master of Engineering (Environmental Engineering) qualification within five-years.
2. We have a five-star rating for overall experience, student support, teaching quality and median graduate starting salary for Engineering and Technology *(source: Good Universities Guide 2020)*.
3. Graduating with a specialisation in Engineering will open the doors to a wide range of career opportunities across the globe.

Tom Wheeler

BACHELOR OF ENGINEERING

"Studying at Murdoch isn't just theory based, you are provided with opportunities to have real life practical experiences that you can learn so much from. Recently I returned from a six-month internship in Indonesia, where I worked with a non-ministry renewable energy organisation to provide a sustainable source of water to some of the most vulnerable people in the world. I won the Australian Water Association Western Australian Student Water Prize for this."

Health

HIGHEST RATED UNIVERSITY IN WESTERN AUSTRALIA

for student support for Nursing and for teaching quality for health services and support

GOOD UNIVERSITIES GUIDE 2020

THE ONLY UNIVERSITY IN WESTERN AUSTRALIA

to offer an integrated exercise physiology qualification and fully accredited chiropractic course

The Australian Government rates our research in Clinical Sciences and Medical Microbiology well above world standard, the highest possible ranking

EXCELLENCE IN RESEARCH FOR AUSTRALIA 2018

New treatments require new ways of thinking. That's why we offer evidence-based healthcare degrees that will encourage you to rethink the way our society approaches global health issues.

At Murdoch, you'll combine the power of science and creativity to learn new ways of improving patients' lives every day, both in and out of clinical environments.

7 REASONS TO STUDY HEALTH AT MURDOCH

1. Undertake practical placements with our industry partners as part of your degree.

2. Prepare for your nursing career by developing your skills on life-like mannequins in high-tech simulation suites and clinical teaching wards and have the opportunity to travel to Africa, Asia and the United Kingdom to complete nursing placements.

3. Prepare for a career as a chiropractor by treating real patients in our on-campus clinic and by visiting remote areas of Western Australia to provide chiropractic care to Indigenous communities.

4. Gain hands-on experience in our $4-million sports science facility, complete with equipment that's fit for use by elite athletes.

5. Gain skills and qualifications in coaching and officiating through our partnering sport bodies.

6. 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, Australian National Phenome Centre, Perron Institute for Neurological and Translational Science and the Centre for Comparative Genomics.

7. Study units at our partner universities across the globe through our Study Abroad and Exchange program.

Bachelor of Arts or Science

Psychology

Bachelor of Arts or Science	
TISC Code Bachelor of Arts - MUAPC Bachelor of Science - MUSPS	**Course Code** Bachelor of Arts - B1388 Bachelor of Science - B1339
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Love exploring what makes people think and act the way they do? Discover established psychological knowledge and methods of investigation, along with the latest developments and exciting new trends in the field.

About this course

- → 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.

Some things 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
- → Psychological disorders, what causes them, and how psychologists can help
- → Techniques for investigating people's thoughts, feelings and behaviour
- → Techniques for investigating the human brain

Professional recognition

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.

Your future career

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

TOP 3 REASONS TO STUDY PSYCHOLOGY

1. This course is a first step towards becoming a registered psychologist.
2. Get exposure to how research studies are conducted in your first year units, with participation in ongoing research rewarded with course credit.
3. Strong growth is predicted for psychology jobs in Australia over the next five years *(source: Job Outlook 2019).*

Bachelor of Community Services

Community Services**

Bachelor of Community Services	
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*
***This course is subject to approval for 2021*

If you love to work with people and help individuals achieve success in life, this course will help you develop the skills you need to succeed in a career in the community service of the welfare sector.

About this course

- Explore how to support an individual overcome their disadvantages to succeed in their goals.
- Learn how to navigate compensation schemes within Australia such as the National Disability Insurance Scheme (NDIS).
- Learn how to build relationships with individuals to support their needs.
- Investigate how factors such as disability and family violence impact upon the individual and society.

Some things you'll learn

- Policy, legal and ethical practice frameworks
- Psychosocial assessments
- Working with cultural diversity
- Leadership

Your future career

When you graduate you will be well prepared for a career in the welfare sector. Your future career options could include:

- Migrant/Refugee Advocate
- Juvenile Justice Support Workers
- Welfare Coordinators
- Youth Worker
- Community Worker or Community Support Worker

TOP 3 REASONS TO STUDY COMMUNITY SERVICES

1. Join a growing industry. Strong future growth is expected for Welfare Support Workers, which includes roles such as youth and community workers, family support workers and disabilities services officers *(source: Australian Government Job Outlook 2020)*.
2. Work with local and international organisations on real projects as part of our Work Integrated Learning program.
3. Join our dynamic community of students, graduates and experts committed to making a difference on a local, national and global scale.

Bachelor of Nursing

Nursing

Bachelor of Nursing	
TISC Code MUNUR - Perth campus, school leavers MPNUR - Mandurah campus, school leavers	**Course Code** B1373
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** English Mathematics Applications Chemistry Human Biology

**Minimum Selection Rank required for consideration*

Would you like to build a career out of making a difference to people's lives? Nurses do just that by providing healthcare in times of need – from acute health issues in emergency departments to home visits which help elderly people remain in their homes for longer.

About this course

- → Learn the skills needed to become a Registered Nurse.
- → Combine the professional person-centred approach of nursing with psychosocial and biological sciences.
- → Gain lifetime access to a web-based ePortfolio, to showcase your knowledge and experience to prospective employees when you graduate.
- → Gain experience in state-of-the-art clinical teaching wards and modern simulation suites.

Some things you'll learn

- → Complexities of health and illness across the lifespan
- → Case-based inquiry
- → Clinical practice skills
- → Indigenous health and cultural diversity
- → Policy and procedure for professional practice

Professional recognition

This course is accredited by the Australian Nursing and Midwifery Accreditation Council. When you graduate, you'll be eligible for registration in the Registered Nurse Category of the Register at the Australian Health Practitioner Regulation Agency and the Nurses and Midwives Board of Australia. Once you have successfully completed the degree and registered, you're accredited to work as a nurse anywhere in Australia.

If you're already qualified as a registered nurse in your home country, or are living overseas and already have nursing qualifications, we offer alternative pathways to become a Registered Nurse in Australia.

Your future career

Once you are registered to practice as a nurse you can pursue a career in a wide variety of fields including business, health and research. Your future career options could include:

- → Acute Care Nurse
- → Aged Care Nurse
- → Community Nurse
- → Mental Health Nurse

TOP 3 REASONS TO STUDY NURSING

1. Murdoch is ranked number one in Western Australia for student support for Nursing *(source: Good Universities Guide 2020)*.
2. Develop an ePortfolio to demonstrate your skills, knowledge and accomplishments to prospective employers.
3. Complete 20 weeks of work experience in hospitals, aged care and community settings throughout Western Australia.

Bachelor of Science/Bachelor of Clinical Chiropractic

Ben Lewis

BACHELOR OF SCIENCE/ BACHELOR OF CLINICAL CHIROPRACTIC

“I like everything about studying at Murdoch. From the people, to the campus, to the people again! In chiro especially, I’ve got a little family. The year cohorts are really close, there’s about 90 of us and we all know each other, we hang out and do social things outside of uni all the time.”

Chiropractic Science

Bachelor of Science/Bachelor of Clinical Chiropractic	
TISC Code MUSCP	**Course Code** B1331
Duration 5 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications Chemistry Human Biology or Biology Physics

**Minimum Selection Rank required for consideration*

Become a qualified healthcare professional with the skills to diagnose and manage pain and disability of the spine and musculoskeletal system.

About this course

- 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 so you graduate ready to work.
- In this double degree, you will first complete a 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 Bachelor of Clinical Chiropractic – you need to complete both degrees to be eligible for registration and clinical practice.

Some things you’ll learn

- Manual therapies for the spine and extremities
- Differential diagnosis
- Clinical anatomy, neurology and radiology
- Rehabilitation and physical therapy
- Pharmacology and applied nutrition

Professional recognition

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

Your future career

You'll graduate with the internationally-recognised qualifications you need to become a registered healthcare professional in Australia and other countries. With your qualification, your future career 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

TOP 3 REASONS TO STUDY CHIROPRACTIC SCIENCE

1. Study at the only fully-accredited chiropractic course in Western Australia.
2. If you're thinking of running your own business, this course will give you the commercial skills needed to run your own practice through our practice management unit.
3. Gain hands-on experience working in Murdoch's purpose built, on-campus chiropractic and rehabilitation clinic. You'll build your professional practice skills while working with real patients and treating a range of different issues, so you graduate with the confidence to treat patients when you commence work.

Bachelor of Sport and Exercise Science

Clinical Exercise Physiology

Bachelor of Sport and Exercise Science/Graduate Diploma in Clinical Exercise Physiology	
TISC Code MUSXP	**Course Code** B1349
Duration 4 years	**ATAR*** 70
Intake Semester 1	**Recommended ATAR Subjects** Physical Education Studies Human Biology

**Minimum ATAR required for consideration*

Help people enjoy more active lives and become an accredited exercise physiologist with Western's Australia's only integrated four-year degree in Exercise Physiology.

About this course

- Develop, implement and manage physical activity and behavioural programs for healthy clients and clients living with a range of chronic conditions as you explore how exercise can improve health and wellbeing.
- Learn about the delivery of exercise, lifestyle and behavioural modification programs to help prevent and manage chronic diseases and injury and have a unique opportunity to fill the void between acute care and long-term management of people living with health conditions.
- This integrated four-year course provides 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 1 year Graduate Diploma in Clinical Exercise Physiology (minimum 2.0 GPA required to enter Graduate Diploma).

Some things 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

Professional recognition

After your third year of study, you can apply for accreditation as an exercise scientist. When you graduate from this four-year program, you'll be eligible to apply to become an accredited exercise physiologist.

Your future career

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

TOP 3 REASONS TO STUDY CLINICAL EXERCISE PHYSIOLOGY

1. Study the only integrated Exercise Physiology qualification in Western Australia.
2. Build skills in a supportive learning environment. This is a capped course, with selective intake and smaller class sizes that will allow you to work closely with lecturers.
3. Learn in purpose-built, state-of-the-art facilities that include a dedicated exercise physiology laboratory, a rehabilitation, strength and conditioning laboratory, and a performance laboratory complete with a 3D motion capture system and a 50-metre running track.

Sport and Exercise Science

Bachelor of Sport and Exercise Science	
TISC Code MUSSC	**Course Code** B1348
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Physical Education Studies Human Biology

**Minimum Selection Rank required for consideration*

Turn your love of sport into a career. Develop your skills and knowledge in exercise physiology, biomechanics, motor control and sport and exercise psychology.

About this course

- Gain the skills you need to pursue a scientific career in sport, exercise and health.
- With an increasing focus on the importance of healthy, active lifestyles, exercise science continues to be a growing discipline within Australia and around the world.
- Become experienced in prescribing exercise, as well as assessing and improving the movement of both athletes and the general population.

Some things 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

Professional recognition

On graduation, you will be able to register with Exercise and Sports Science Australia 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 (read more on page 178).

Your future career

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:

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

TOP 3 REASONS TO STUDY SPORT AND EXERCISE SCIENCE

1. Learn practical skills in purpose-built state-of-the-art facilities including an exercise physiology laboratory complete with a climate and altitude chamber, a rehabilitation, strength and conditioning laboratory, and a performance laboratory with a motion capture system and 50-metre running track.
2. Put your knowledge and skills to the test in your third year through an industry placement. You'll have the chance to gain experience in a range of settings from community gymnasiums to professional sporting teams.
3. Benefit from our partnership with the Western Australia Cricket Association and learn from academics who are actively researching professional sports.

Science

HIGHEST RATED UNIVERSITY IN AUSTRALIA

for skills development for veterinary science

GOOD UNIVERSITIES GUIDE 2020

THE ONLY UNIVERSITY IN WESTERN AUSTRALIA

to offer Veterinary Science and Forensic Biology and Toxicology and the only city-based university in Australia with a fully operational on-campus farm

RANKED IN THE TOP 15 UNIVERSITIES IN AUSTRALIA

for agriculture and forestry

TIMES HIGHER EDUCATION RANKINGS BY SUBJECT 2019

When you use science to drive discussions and new ways of thinking, you'll be able to solve some of the world's biggest challenges to make a real impact.

Whether you want to help sick or injured people or animals, find new solutions to environmental issues, address food shortages or simply push the boundaries of what's possible, a Murdoch degree can turn your scientific thinking into scientific breakthroughs.

7 REASONS TO STUDY SCIENCE AT MURDOCH

1. Learn at our on-campus farm, veterinary hospital, equine centre, and high-tech teaching surgery, as well as have the chance to study at our Tropical Marine Research Centre on the Ningaloo Reef.

2. Complete fieldwork in our on-campus 'living laboratories', which include two conservation category wetlands and a banksia woodland, home to turtles, quendas, endangered Carnaby's and other black cockatoos, and more than 200 species of plants.

3. Create new materials for the medical, engineering, energy and telecommunications sectors in our nanotechnology laboratories, using industry-standard equipment.

4. Travel to China to take part in the Future Chemist International Summer Camp or as part of our study tour unit to examine various aspects of the Chinese agricultural value chain.

5. 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 and the Centre for Comparative Genomics.

6. Study two majors or degrees at once to graduate with more career opportunities.

7. Study units at our partner universities across the globe through our Study Abroad and Exchange program.

Bachelor of Data Analytics and Applied Mathematics

Data Analytics and Applied Mathematics**

Bachelor of Data Analytics and Applied Mathematics	
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Methods

**Minimum Selection Rank required for consideration*
***This course is currently a Bachelor of Science in Mathematics and Statistics and will change to a Bachelor of Science in Data Analytics and Applied Mathematics in 2021, subject to approval*

Discover how analytics and mathematics apply to almost everything – from banking and finance to explaining natural phenomena like plant growth and ocean waves – as you develop a comprehensive understanding of the concepts, and a wide range of technical skills.

About this course

- → Develop a flexible outlook and a range of technical skills.
- → Learn how to effectively communicate complex issues and solutions.
- → Work with industry to solve real-world problems.
- → Learn from academics with experience of undertaking world leading research.

Some things you'll learn

- → Data visualisation
- → Applied statistics
- → Programming
- → Machine learning
- → Statistical design and data analysis
- → Modelling and simulation

Your future career

You'll be qualified to work in banking, finance, insurance, health, research and development, the resource and government sectors.
Other future career options could include:

- → Data Scientist or Data Analyst
- → Transport and Logistics Consultant
- → Bioinformatician
- → Meteorologist or Environmental Modeller
- → Statistical Computing Specialist
- → Health Economist
- → Financial Analyst or Actuary

TOP 3 REASONS TO STUDY DATA ANALYTICS AND APPLIED MATHEMATICS

1. There is an increasing demand for data scientists across a broad range of industries, driven by the rapid development of new technologies and big data.
2. Statistical skills are universal and highly transferrable, so you can change your career as your interests change.
3. Fast, changing environments mean you will be engaged in exciting and innovative work.

Bachelor of Food Science and Nutrition

Food Science and Nutrition

Bachelor of Food Science and Nutrition	
TISC Code MUFSN	**Course Code** B1389
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Are you passionate about the role of food in health and wellbeing, human performance and illness prevention? Build your skills in human nutrition bioscience, food science and food biotechnology, nutrition marketing, sports nutrition, food production, agri-nutrition and nutrigenomics research.

About this course

- Prepare for a career in many fields relating to the promotion of health at individual and community levels through the improvement of the food supply.
- You'll study subjects in the chemistry of food, human physiology, food analysis, food safety, food preparation, food product development, the impact of nutrition on human health and disease and on sports performance, and the social and public health aspects of nutrition.

Some things 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
- An understanding of food and its impacts on the human microbiome

Your future career

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

TOP 3 REASONS TO STUDY FOOD SCIENCE AND NUTRITION

1. You'll study in the heart of the Murdoch Health Precinct, which includes public and private hospitals and leading medical research institute, the Australian National Phenome Centre.
2. Take advantage of our living labs to grow your food production research knowledge, including at our Whitby Falls farm on the outskirts of Perth.
3. If you plan to study postgraduate dietetics (or other medical or health-related courses) you'll be well prepared to apply when you complete this course.

Bachelor of Laboratory Medicine

Laboratory Medicine

Bachelor of Laboratory Medicine	
TISC Code MUSLA	**Course Code** B1374
Duration 4 years	**Selection Rank*** 70
Intake Semester 1	**Recommended ATAR Subjects** Biology or Human Biology Chemistry Mathematics Applications

**Minimum Selection Rank required for consideration*

Explore the world of disease in the heart of Murdoch's health precinct as you develop skills in the handling of patient material, laboratory testing and analysing clinical results.

About this course

- This is a four-year course where you'll study the clinical science disciplines of laboratory medicine, along with a fourth year that includes work integrated learning.
- Immerse yourself in the fascinating world of disease as you build a strong foundation for your future career in laboratory medicine.
- Develop the skills needed to handle patient material and laboratory testing to guide medical decision making.

Some things you'll learn

- Clinical microbiology
- Clinical biochemistry
- Clinical haematology
- Pathological basis of disease
- Diagnostic genomics

Professional recognition

This course is accredited by the Australian Institute of Medical Scientists.

Your future career

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

TOP 3 REASONS TO STUDY LABORATORY MEDICINE

1. Murdoch has recently been ranked well above world standard in clinical sciences and medical microbiology and above world standard in immunology and genetics *(source: Excellence in Research for Australia 2018).*
2. You'll 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.

Bachelor of Science

Chemistry

Bachelor of Science	
TISC Code MUSCH	**Course Code** B1317
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Methods Chemistry Physics

**Minimum Selection Rank required for consideration*

Chemistry is everywhere – from the combination of substances to generate new drugs, to how an egg goes from raw to cooked – and it's used across a multitude of industries to solve some of the world's biggest problems.

About this course

- Develop both your chemical skill set, plus a broad range of professional, problem-solving and personal skills.
- If you're interested in the nature of everything around you, chemistry will set you up for a diverse career across a range of industries.
- Build practical skills through laboratory classes as you apply chemistry theory to real problems.
- Take on projects to get valuable experience in chemistry research.

Some things you'll learn

- Chemical knowledge in the broad sub-disciplines
- Laboratory skills
- Molecular modelling
- Analytical chemistry with modern instrumentation
- Collaborative and communication skills

Professional recognition

If you study the correct combination of units, you'll be eligible for membership of the professional organisation for chemists, and the Royal Australian Chemical Institute.

Your future career

The future is bright for Chemistry graduates, with future job growth predicted by the Australian Government for this sector, especially if you combine this major with other disciplines. Your future career options could include:

- Analytical Chemist
- Clinical Biochemist
- Forensic Scientist or Toxicologist
- Chemical Development or Process Engineer
- Science Writer

TOP 3 REASONS TO STUDY CHEMISTRY

1. Chemistry is applied in diverse industries – you'll have the option to work across almost any field you choose to, from engineering to health.
2. Get hands-on experience with modern instrumentation in our well-equipped chemistry labs.
3. Learn about chemistry in the context of its broad sub-disciplines, as well as gaining a good grounding in mathematics and physics.

Conservation and Wildlife Biology

Bachelor of Science	
TISC Code MUSCW	**Course Code** B1317
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications Chemistry

**Minimum Selection Rank required for consideration*

As Australia's population expands, and human activities impact the natural landscape, the importance of preserving fragile ecosystems and endangered species grows. Combine your passion for the environment with a strong foundation in scientific knowledge on how to manage and preserve fragile ecosystems and endangered species and communities.

About this course

- Complete studies in ecology, genetics, evolutionary biology and conservation and wildlife management.
- Gain the technical skills you need for a career in conservation management.
- Complete case studies and field experience to gain an understanding of the social, political and economic context in which conservation policy is developed.
- Learn applied skills that are in high demand from employers including advanced training in laboratory and field survey techniques.

Some things you'll learn

- Ecology
- Conservation biology
- Wildlife biology
- Genetics and evolution
- Australian biodiversity

Your future career

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. With the right combination of units, you could also work in the fields of environmental education, journalism or law. Your future career options could include:

- Research Scientist
- Wildlife Officer
- Environmental Officer
- Nature-based Tourism
- Wildlife Forensics

TOP 3 REASONS TO STUDY CONSERVATION AND WILDLIFE BIOLOGY

1. You have support from staff to volunteer for a range of conservation projects including wildlife rehabilitation, Eyre Bird Observatory, Turtle Tagging, Reach Out Volunteers, Landcare and school education outreach programs.
2. We have a living campus with expansive areas of natural bushland supporting native fauna, providing an onsite field laboratory and opportunities for fieldwork in every semester.
3. You can get involved in Murdoch University Environmental Students' Association and Murdoch Environmental Restoration Group where you can participate in environmental activities and initiatives, as well as social and networking opportunities between students, staff and industry.

Bachelor of Science

Environmental Management and Sustainability

Bachelor of Science	
TISC Code MUSEM	**Course Code** B1317
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications

**Minimum Selection Rank required for consideration*

With growing populations globally, managing environments to ensure sustainable use of resources and conservation of biodiversity is more important than ever. Launch your career in environmental management with a local, national and international focus.

About this course

- 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 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.
- Customise your degree with minors in Nature-based Tourism, Ecosystem Management, Environmental Issues, Resource Management, Waste and Water Management, and more.

Some things you'll learn

- How to manage social and environmental values of protected areas, such as national parks
- How legislation and policy underpin conservation and natural resource management
- Effective, science-based environmental restoration techniques
- Systems thinking skills for global and regional sustainability
- An ecological knowledge base to inform your management actions

Your future career

Pursue a career across a range of fields, such as air and water quality, 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

TOP 3 REASONS TO STUDY ENVIRONMENTAL MANAGEMENT AND SUSTAINABILITY

1. Get hands-on experience with turtles, quendas, endangered Carnaby's and other black cockatoos, right here on campus in our 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.

Environmental Science

Bachelor of Science	
TISC Code MUSES	**Course Code** B1317
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications Chemistry

**Minimum Selection Rank required for consideration*

To fix it, you need to understand it. Prepare to address the environmental challenges arising from how and where we choose to live by exploring the links between air, land, water, plants, animals and people.

About this course

- Learn how the environment works, and how we interact with it both on a daily basis 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.
- Customise your degree with minors in Applied Statistics, Resource Management, Sustainable Development, and more.

Some things you'll learn

- Atmospheric processes and relationships to climate change
- How water, soils and plants interact and shape natural and human landscapes and waterbodies
- How to conduct ecological research to understand and mitigate threats to biodiversity
- Effective, science-based techniques in environmental assessment of wetlands
- How legislation and policy underpin conservation and natural resource management

Your future career

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. Other future career options could include:

- Atmospheric or Climate Change Scientist
- Environmental Consultant
- Environmental Ecologist
- Natural Resource Manager
- Restoration Ecologist

TOP 3 REASONS TO STUDY ENVIRONMENTAL SCIENCE

1. Our campus features two conservation category wetlands, a banksia woodland, turtles, quendas, endangered Carnaby's and other black cockatoos, and more than 200 species of plants.
2. You'll create new environmental knowledge through research study embedded in your degree.
3. Study with active environmental practitioners and internationally respected experts, including members of the Intergovernmental Panel on Climate Change.

Bachelor of Science

Kurt Krispyn

BACHELOR OF SCIENCE
(MARINE SCIENCE + CONSERVATION AND WILDLIFE BIOLOGY)

“I have really enjoyed my time here at Murdoch as it has broadened my understanding of the environment, while inspiring and guiding me towards my career. I have really enjoyed conversing with the academics and the opportunities they gave me to work in the field doing marine ecology research, and encouraged me to start a scientific podcast called ‘Paramount Importance’ where many of these academics have featured.”

Marine Biology

Bachelor of Science	
TISC Code MUSBI	**Course Code** B1317
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications Chemistry

**Minimum Selection Rank required for consideration*

Learn about the biological foundations of the oceans, the diversity of marine life, and how species interact with the aquatic environment. Explore how humans are impacting the oceans and the likely response of marine life to climate and environmental changes.

About this course

- 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 field work and practical learning.
- Learn in industry-standard laboratories, like the marine and freshwater research laboratory, equipped with world-class research instruments.

Some things you’ll learn

- Animal diversity
- Marine ecology
- Marine botany
- Animal speciation, radiation and evolution
- Fish and wildlife populations

Your future career

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

TOP 3 REASONS TO STUDY MARINE BIOLOGY

1. Have the opportunity to participate in several field camps, including a five day research camp to Point Peron or a 10 day field camp to Coral Bay.
2. Every unit you study will have laboratory sessions or fieldwork, so you'll be job ready when you graduate.
3. Put theory into context on local and global scales and real-life examples and a holistic approach to teaching.

Jo Bulley

BACHELOR OF SCIENCE
(MARINE SCIENCE + ENVIRONMENTAL MANAGEMENT AND SUSTAINABILITY)

"I really enjoy the freedom of travelling and seeing the world, so I've studied most of my degree part-time to be able to see the world and finish my degree at the same time."

Bachelor of Science

Marine Science

Bachelor of Science	
TISC Code MUSMS	**Course Code** B1317
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications Chemistry

**Minimum Selection Rank required for consideration*

What impact is a warmer climate having on marine ecosystems? This is just one of the many questions you will explore as you learn about the complex physical, chemical and biological interactions within the world's oceans.

About this course

- Study a range of subjects including oceanography, atmospheric science, marine biology, marine ecology and marine management.
- Learn how to assess the state of the marine environment, investigate climate change adaptation and be trained in management with an emphasis on coastal ecosystems.
- Develop a wide range of skills including problem-solving, laboratory and research methods, advanced field procedures, numerical and spatial analysis techniques and report writing.

Some things you'll learn

- Coastal and marine management
- Oceanography and marine pollution
- Marine ecology
- Atmospheric science
- Animal diversity

Your future career

When you graduate, you will 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

TOP 3 REASONS TO STUDY MARINE SCIENCE

1. Gain valuable field experience in marine, coastal and estuarine environments with camps and trips along the coast of Western Australia, and have opportunities to get involved in research, industry and community projects while you study.
2. Learn how modern technology has revolutionised oceanography, and how increased data availability enables advanced analysis for better understanding of the world's oceans.
3. Contribute to the future of our marine industries, which add more than AU$50 billion each year to the "blue economy".

Physics and Nanotechnology

Bachelor of Science	
TISC Code MUSPN	**Course Code** B1317
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Specialist Physics

**Minimum Selection Rank required for consideration*

Ever wondered how credit cards work? Or why colours look a certain way? Physics can explain almost every question we have about the physical world. Explore classical and modern physics and the rapidly developing area of nanoscience and nanotechnology.

About this course

- → Learn about mechanics and waves, quantum theory, electromagnetism, thermodynamics, the physics of materials and applications of nanotechnology.
- → Solve problems across industries, from applying physics to human movement and medicine, to improving defence capabilities, to understanding nanostructures that can improve the materials we use.
- → Develop advanced skills in applied mathematics and chemistry, and a range of problem-solving and analytical skills that are in high demand with employers.
- → Learn from lecturers with expertise in nanotechnology, surface physics and biophysics.

Some things you'll learn

- → Experimental physics and nanotechnology
- → Electromagnetism
- → Physics of materials
- → Energy, mass and flow
- → Applications of nanotechnology

Professional recognition

This degree has been accredited by the Australian Institute of Physics. When you graduate, you can apply to the Academic Chair to become a member of the Australian Institute of Physics and the Institute of Physics in the UK.

Your future career

With a qualification in physics and nanotechnology, you'll be able to pursue a range of careers across a range of industries. Your future career options could include:

- → Biostatistician
- → Quantitative Modeller
- → Meteorologist
- → Financial Analyst/Actuary
- → Statistician or Mathematician

TOP 3 REASONS TO STUDY PHYSICS AND NANOTECHNOLOGY

1. Become a problem-solver and apply your physics knowledge across a range of industries including astronomy, energy, medicine, manufacturing and finance and economics.
2. You'll graduate with highly transferable skills such as programming, computational and numeric skills.
3. Have the opportunity to participate in international work experience programs such as the Future Physicist International Summer Camp in China.

Bachelor of Science

Veterinary Science

Bachelor of Science in Veterinary Biology/ Doctor of Veterinary Medicine	
TISC Code MUSVB (School Leavers) MUSVV (Non School Leavers)	**Course Code** B1330
Duration 5 years	**ATAR*** 98
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Methods Chemistry Biology Physics

**Minimum ATAR required for consideration*

Do you want to be a veterinarian? Western Australia's only Veterinary Science course will provide you with the opportunity to develop the knowledge, skills and practical experience necessary to solve the existing and emerging problems of our companion animals, livestock and wildlife.

About this course

- A science-based approach and hands-on experience will prepare you for the highest standard of work in the veterinary industry.
- To become a qualified veterinarian, you will need to complete a three-year, 6-semester Bachelor of Science (Veterinary Biology) that progresses into an integrated two-year, 6-trimester DVM (Doctor of Veterinary Medicine). This means you can complete your full qualification over five years.
- Graduate ready for a career across a range of settings. You could work in primary care or emergency hospitals, in small animal practice, in large animal or mixed practice, or as a government veterinarian.

Students with prior university study in a relevant discipline may be eligible for advanced standing for first year units, with an opportunity for an accelerated option to complete an additional mandatory first year unit over summer. These students can be considered for entry into the second year of the veterinary course, thereby completing the degree over four calendar years.

Some things 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, wildlife and exotic pet medicine

Professional recognition

On graduation, you will be qualified to register immediately and practise as a veterinarian in Australia and other countries, including New Zealand, the UK, Singapore, Malaysia and North America. Full accreditation of the Murdoch course by the American Veterinary Medical Association means that you would be in the same category as North American graduates and eligible to sit the USA National Veterinary Licensing Examination.

Your future career

When you graduate you will be prepared for a career in animal health related fields, with animals of all species and sizes. You could work in primary care or emergency hospitals, in small animal practice, in large animal or mixed practice, or as a government veterinarian. 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, animal behaviour
- Government Veterinarian, working on biosecurity, food security, herd disease and management
- Researcher in all aspects related to animal health and welfare, including animal models of disease

TOP 3 REASONS TO STUDY VETERINARY SCIENCE

1. Class sizes are restricted so that you can make the most of the knowledge and practical training provided by some of the best veterinary teaching staff in Australia and beyond.
2. Our fully operational animal hospital is 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.
3. Extend your experience with all species of animals by completing placements with animal shelters, the Perth Zoo and a wide range of farms and veterinary practices, both in Australia and internationally.

Jiayuan Yu

BACHELOR OF SCIENCE IN VETERINARY BIOLOGY/ DOCTOR OF VETERINARY MEDICINE

"The structure of the vet degree at Murdoch is excellent and the people within the course are so considerate.

As vet students, we need to accumulate industry-based animal experience as part of our degree. The vet staff and academics are very helpful in helping us students to get work-experience and provide us with a range of volunteering opportunities. Having this kind of support makes me feel as though there is always going to be someone there to help me when I need it, which is very helpful."

Bachelor of Science (Agricultural Sciences)

Animal Health

Bachelor of Science (Agricultural Sciences)	
TISC Code MUSAH	**Course Code** B1376
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Methods Chemistry Biology

**Minimum Selection Rank required for consideration*

Do you want to combine science with your concern for animal welfare?

About this course

- Explore the latest issues, technology and opportunities in the field of animal health, with a strong focus on the condition and well-being of domestic animals, production animals such as sheep, cattle and pigs, and wildlife.
- Develop the kind of teamwork, problem-solving and communication skills that are in high demand with employers 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. You could work for the private sector, government agencies, non-government organisations, or research and development institutions.
- If you'd like to study Animal Health as a pathway to apply to study Veterinary Science, we recommend studying a double major which includes Animal Health and Animal Science.

Some things you'll learn

- Comparative mammalian biochemistry
- Principles of infectious disease – veterinary microbiology
- Animal structure and function
- Pathology and diseases of production animals
- Genetic engineering

Professional recognition

When you graduate, you will be eligible for professional membership with Ag Institute Australia – the peak body representing the interests of agricultural and natural resource management professionals.

Your future career

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

TOP 3 REASONS TO STUDY ANIMAL HEALTH

1. Learn on the only city-based university farm in Australia. Murdoch's on campus farm is an animal production property, meaning practical classes are held on campus.
2. Complete a total of seven weeks industry experience throughout the course across three or more industries.
3. Have opportunities for direct interactions with growers and industry experts in Australia's diverse farming industries.

Animal Science

Bachelor of Science (Agricultural Sciences)	
TISC Code MUSAS	**Course Code** B1376
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Methods Chemistry Biology

**Minimum Selection Rank required for consideration*

In a world with a growing population, how to meet the ever-increasing demand for wholesome and safe food production is a global issue.

About this course

- 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, and the ways that these advances are moving from research to industry practice.
- If you'd like to study Animal Science as a pathway to apply to study Veterinary Science, we recommend studying a double major which combines this course with Animal Health.

Some things you'll learn

- Livestock science and genetics
- Veterinary nutrition and animal toxicology
- Comparative mammalian biochemistry
- Animal structure and function
- Animal production systems

Your future career

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

TOP 3 REASONS TO STUDY ANIMAL SCIENCE

1. Learn on the only city-based university farm in Australia. Murdoch's on campus farm is an animal production property, meaning practical classes are held on campus.
2. Complete a total of seven weeks industry experience throughout the course across three or more industries.
3. Have the opportunity to travel to the eastern states of Australia to compete at the Intercollegiate Meat Judging program, and the National Merino Challenge.

Bachelor of Science (Agricultural Sciences)

Crop and Pasture Science

Bachelor of Science (Agricultural Sciences)	
TISC Code MUSPC	**Course Code** B1376
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications Chemistry

**Minimum Selection Rank required for consideration*

To meet the needs of the world's growing population, it's estimated that global food production will need to double by 2050. You can learn how science and technology are being used to supply increasing demand.

About this course

- Find out how the latest research and industry practices are addressing increasing global concern around food security and how to feed a growing population.
- Receive training from scientists, professionals and industry-leading farmers.
- Learn how science is applied to food production in cropping and pasture systems regionally, nationally and globally.
- Gain extensive knowledge into 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.

Some things you'll learn

- Agricultural science and food production
- Crop protection and plant biosecurity
- Agricultural markets, economics and policy
- Crop and pasture science
- Agricultural and environmental technologies

Your future career

This major will make you an adaptable and innovative agricultural scientist ready for a variety of careers in the agricultural industries. Your future careers options could include:

- Agricultural Scientist
- Agronomist
- Biosecurity and Quarantine Officer
- Farm Manager
- Research Scientist

TOP 3 REASONS TO STUDY CROP AND PASTURE SCIENCE

1. Study at Australia's only campus-based farm to gain hands-on experience in soil science, crop science and pasture science, and have opportunities for direct interactions with growers and industry experts in Australia's diverse farming industries.
2. Get hands-on experience across a total of eight weeks of industry placements in farms and agriculture research programs across Western Australia.
3. Be taught by lecturers who are leading national and international research projects so you graduate with cutting-edge subject knowledge.

Bachelor of Science (Medical, Molecular and Forensic Sciences)

Biomedical Science

Bachelor of Science (Medical, Molecular and Forensic Sciences)	
TISC Code MUSBM	**Course Code** B1380
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications Chemistry Biology or Human Biology

**Minimum Selection Rank required for consideration*

If you're fascinated by medical science and scientific experimentation, majoring in Biomedical Science will set you up to pursue a career making medical discoveries and understanding both human disease processes and normal functions.

About this course

- 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 depending on your area of interest.
- Complete extensive hands-on practical classes guided by lecturers who are making a real-world impact with their research.
- Learn both basic and specific laboratory techniques needed in the medical sciences, including cutting edge advances in modern diagnostic science.
- Integrate the cutting-edge applications you've learnt and learn about future career pathways in the capstone unit "Advances in Medical Science".
- If you're aiming to study postgraduate medicine (or other medically-related vocations), you'll be well prepared to apply when you finish this course.

Some things 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)
- Pathological basis of disease (causes and effects of diseases, including cancer)

Your future career

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

- Medical Researcher or Medical Biotechnologist
- Laboratory Technician (in hospitals, medical research institutes or universities)
- Biomedical Sales and Marketing Specialist
- Human Biology Teacher (with further study)

TOP 3 REASONS TO STUDY BIOMEDICAL SCIENCE

1. We have recently been ranked above world standard in clinical sciences – and well above world standard for medical and health sciences, and immunology and medical microbiology *(source: Excellence in Research for Australia 2018).*
2. You'll study in the heart of the Murdoch health precinct, which includes three hospitals and a medical research institute.
3. You'll have the opportunity to learn from outstanding researchers in the field, with high-quality teaching so you get the latest knowledge.

Bachelor of Science (Medical, Molecular and Forensic Sciences)

Clinical Laboratory Science

Bachelor of Science (Medical, Molecular and Forensic Sciences)	
TISC Code MUSCL	**Course Code** B1380
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications Chemistry

**Minimum Selection Rank required for consideration*

If you're fascinated by disease processes and diagnosis, this course will give you the experience and analytical skills you need to succeed in medical diagnosis, medical research and other health-related fields.

About this course

- → Explore medical technology and work in practical laboratories on campus to gain laboratory skills used to analyse, diagnose and research human diseases.
- → Examine disease processes and learn the technical skills you need to handle patient material collected in hospitals, doctors' surgeries and even forensic investigations.
- → Perform clinical testing and analyse and report results.
- → Learn about human biology, cell and molecular biology, molecular genetics, and a range of clinical laboratory disciplines including microbiology, immunology, biochemistry and haematology.

Some things you'll learn

- → Clinical microbiology
- → Histopathology
- → Haematology
- → Diagnostic genomics
- → Clinical immunology

Your future career

A major in 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

TOP 3 REASONS TO STUDY CLINICAL LABORATORY SCIENCE

1. Studying at Murdoch University will put you at the centre of the vibrant health and research precinct, which includes Fiona Stanley and St John of God Hospitals, along with many other health facilities such as the Institute for Immunology and Infectious Diseases.
2. Learn by doing, with plenty of laboratory experience throughout the course 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.

Forensic Biology and Toxicology

Bachelor of Science (Medical, Molecular and Forensic Sciences)

TISC Code	Course Code
MUSFB	B1380
Duration	**Selection Rank***
3 years	70
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	Mathematics Applications Chemistry

**Minimum Selection Rank required for consideration*

Put your curiosity to work as you investigate crime from a scientific viewpoint. Our course is unique in Western Australia as it focuses on biology and life sciences forensics as well as crime scene investigation and chemistry.

About this course

- Learn how to recognise blunt and sharp force injuries and the weapons that cause them.
- 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.
- Explore DNA sequencing and work on simulated crime scenes on and off-campus.
- In your final year, you'll investigate a murder case, including examining the crime scene and presenting evidence in a courtroom.

Some things you'll learn

- Forensic science and miscarriages of justice
- Crime scene investigation
- Forensic DNA analysis
- Forensic anatomy and anthropology
- Forensic toxicology

Your future career

With a degree in Forensic Biology and Toxicology, 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

TOP 3 REASONS TO STUDY FORENSIC BIOLOGY AND TOXICOLOGY

1. Work with international and local organisations on real projects as part of our Work Integrated Learning program. In 2019, a group of students travelled to Malaysia to explore mass disaster procedures while also observing an autopsy in a hospital morgue and learning more about the use of insects in solving crimes.
2. Get hands-on experience as you apply DNA sequencing and other forensic techniques from the lab to simulated crime scenes on and off-campus.
3. Study the latest analytical techniques for toxicology in our state-of-the-art laboratory, which is part of the Australian National Phenome Centre.

Bachelor of Science (Medical, Molecular and Forensic Sciences)

Genetics and Molecular Biology

Bachelor of Science (Medical, Molecular and Forensic Sciences)	
TISC Code MUSMB	**Course Code** B1380
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications Chemistry Human Biology or Biology

**Minimum Selection Rank required for consideration*

The power of genetics and molecular biology to solve some of the world's biggest issues is being realised – from health, to conservation, to feeding the world. Learn from scientists working on genetic breakthroughs at Murdoch.

About this course

- → Learn how to solve problems at the molecular level, with the most up-to-date knowledge and training in molecular genetics.
- → You'll gain the molecular biology skills you need to analyse molecular samples, and learn how to apply them across widespread fields including animal science, biomedical science, conservation biology, crop and pasture science, forensics, marine science and medicine.
- → Get hands-on laboratory experience to learn practical skills which reinforce the theory you've learned.
- → If you're planning on pursuing postgraduate study in fields such as medicine, pharmacy and forensic science, you will be well prepared with this major.

Some things you'll learn

- → Cell biology (structure and function of cells) and systems biology (holistic approach to understanding biological functions)
- → 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) and biochemistry (importance of molecules in cell function)

Your future career

A major in Genetics and Molecular Biology will prepare you 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

TOP 3 REASONS TO STUDY GENETICS AND MOLECULAR BIOLOGY

1. Our Perth campus hosts several world-class molecular research centres, including the WA Phenome Centre, the Institute for Immunology and Infectious Diseases, the State Agricultural Biotechnology Centre, the Separation Science and Metabolomics Laboratory, and the Centre for Rhizobium Studies.
2. Interact with researchers from these centres and be taught by leading scientists with strong industry links.
3. We have recently been ranked well above world standard in Immunology and Genetics *(source: Excellence in Research for Australia 2018).*

Social and Cultural Studies

5 STAR RATING

for median graduate starting salary for languages and humanities and social sciences

GOOD UNIVERSITIES GUIDE 2020

TAKE YOUR THINKING GLOBAL

Travel to Indonesia for a semester as part of the national Australian Consortium for 'In-Country' Indonesian Studies (ACICIS) or complete a semester in Japan at one of our 10 partner universities

RANKED IN THE TOP 15 UNIVERSITIES IN AUSTRALIA

for politics and international studies, sociology and communication and media studies

TIMES HIGHER EDUCATION RANKINGS BY SUBJECT 2019

Technology is developing faster than ever. The skills needed to succeed are always changing – but business and government will always need critical and creative thinkers, researchers and skilled writers.

Studying Social and Cultural Studies at Murdoch will give you the skills, insights and knowledge to think deeply and create change in a meaningful way. If you care about people and want to inspire change in the world, this is your chance to make a difference.

7 REASONS TO STUDY SOCIAL AND CULTURAL STUDIES AT MURDOCH

1. Take on internships through our Work Integrated Learning program, with community groups, non-government and not-for-profit agencies, or government agencies, on projects designed to help generate positive change in people's lives.

2. Develop career-boosting skills in project management, collaboration, creative thinking and communication.

3. Build an e-portfolio of work which you can showcase to employers when you graduate.

4. Take advantage of our strong links to Asia through our Asia Research Centre, an international leader in the study of East and Southeast Asia.

5. Study two majors or degrees at once or add a co-major or minor to your degree, to graduate with more career opportunities. You could add a co-major in Indonesian to learn about Indonesian language and culture - Indonesia is our nearest Asian neighbour and one of the world's biggest economies.

6. Travel to Indonesia as part of the ACICIS Study Indonesia program or complete a semester in Japan at one of our 10 partner universities.

7. Study units at our partner universities across the globe through our Study Abroad and Exchange program.

Bachelor of Arts

Community Development

Bachelor of Arts	
TISC Code MUACD	**Course Code** B1356
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Explore how to get people more involved in locally designed projects, experience different examples of community development projects and learn about the history of community work, policy and the diversity of communities.

About this course

- Learn how to make a difference in local communities by working closely with schools, local councils, ecologists, Indigenous groups, social services organisations, resource companies, universities and other groups.
- Explore how to encourage people to get more involved in locally designed projects.
- Experience different examples of community development projects and learn about the history of community work, policy and the diversity of communities.
- Graduate with the knowledge and practical skills needed to work in a range of scenarios.

Some things you'll learn

- Creative ways to work with the community
- Overseas aid and international development
- Indigenous community development
- Social policy and community action
- Sustainable urban communities

Your future career

With a degree in Community Development, you could work 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

TOP 3 REASONS TO STUDY COMMUNITY DEVELOPMENT

1. Intern with community groups, private organisations, non-government agencies, or government departments through our Work Integrated Learning program.
2. Expand your expertise and 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 of your work to showcase to employers when you graduate.

Bachelor of Arts

Global Challenges**

Bachelor of Arts	
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

*Minimum Selection Rank required for consideration
**This major is subject to approval for 2021

In a rapidly changing world, learn to identify and understand the impact of human behaviour on social and political change. Bringing together entrepreneurship and innovation, politics, history, philosophy, economics, sustainability, design and IT to study societal problems and future trends.

About this course

- This unique co-major will provide you with the ability to identify and understand social and industry trends that will reshape Australia and the world in coming decades, and will allow you to develop the capabilities necessary to succeed in a reshaped society.
- You'll 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.

Some things you'll learn

- What work, relationships and leisure will be like in the future, and what knowledge and skills you'll need to succeed in the future
- What are the key challenges facing people, business and governments in the future
- How to invigorate traditional jobs with the technology and ideas of the future
- How to work in an environment in which the lines between industries are becoming blurred
- How the convergence of four technologies – SMAC (social, mobile, analytics and cloud) – is driving business innovation

Your future career

When you graduate you could find yourself working in the government sector, in established and emerging businesses, in consultancies and in the not-for-profit sector. Careers could include:

- Business and Government Relationship Analyst
- Entrepreneur/Business Owner
- Policy Adviser (non-profit sector, local/state government)
- Content Producer for New Media
- Policy Analyst
- Research Officer

TOP 3 REASONS TO STUDY GLOBAL CHALLENGES

1. Learn critical thinking and data analytic skills 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 students for the world of work in an age of rapid change and technological disruption.

Global Politics and Policy

Bachelor of Arts	
TISC Code MUAPI	**Course Code** B1356
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

We live, work and learn in a globalised environment where international events influence Australian politics and policy and vice versa. In this course, you'll explore how to deal with complex problems in our diverse and interconnected world.

About this course

- 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.
- Explore political and economic forces to help you develop new ways of thinking about what shapes the world.
- 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.

Some things you'll learn

- The international political economy
- Terrorism and political violence in Southeast Asia
- Politics and security in Southeast Asia: terrorists, gangsters and the state
- Public policy
- Politics, power and policy

Your future career

When you graduate with a degree in Global Politics and Policy, you could pursue a wide range of career opportunities. Your future career options could include:

- Foreign Correspondent or Journalist
- Political and Policy Advisor
- Politician
- Security Analyst
- Lobbyist

TOP 3 REASONS TO STUDY GLOBAL POLITICS AND POLICY

1. Explore a unique combination of global politics and economics to build knowledge and skills which will be in demand from a range of employers.
2. Build your network of contacts through industry connections and strong links with Asia through our Asia Research Centre.
3. Travel to Indonesia for a semester as part of the ACICIS Study Indonesia program (the Australian Consortium for 'In-Country' Indonesian Studies).

Bachelor of Arts

Imara Saburi Mandred

BACHELOR OF ARTS
(INTERNATIONAL AID AND DEVELOPMENT)

“Murdoch offered a different approach to university, with flexible learning options and degrees that explore the world through different lenses. It also provides ample opportunities to participate in real-world learning. This ensures that when people graduate they are work ready, employable and fully understand the sector that they are entering into.”

History

Bachelor of Arts	
TISC Code MUAHI	**Course Code** B1356
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Make sense of the world by looking at how things came to be the way they are today, and develop excellent research, analysis and communication skills.

About this course

- 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.
- When you graduate, 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.

Some things you'll learn

- Spies, saboteurs and secret agents
- The Vietnam wars
- The Second World War in Europe
- Hollywood and history
- Tudors and treachery: religion, politics, and society in sixteenth- century England

Your future career

When you graduate, you'll have the literary, analytical and communication skills you need for a broad range of careers in both the public and private sectors. Your future career options could include:

- → Diplomat
- → Policy Advisor
- → Research Officer
- → Historian
- → Documentary or Museum Researcher

TOP 3 REASONS TO STUDY HISTORY

1. Murdoch 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. You'll learn from history experts including Dr Arjun Subrahmanyan, who explores 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.

Bachelor of Arts

International Aid and Development

Bachelor of Arts	
TISC Code MUAAD	**Course Code** B1356
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Do you dream of finding ways to help reduce poverty, work on international aid and development projects and create change within communities? This course will teach you the skills and ways of thinking you need to help change the future.

About this course

- 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.

Some things 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

Your future career

With a degree in International Aid and Development, 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

TOP 3 REASONS TO STUDY INTERNATIONAL AID AND DEVELOPMENT

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.

Japanese

Bachelor of Arts	
TISC Code MUAJS	**Course Code** B1356
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Develop your communication skills in the Japanese language to gain a greater understanding of the culture, society and history of Japan.

About this course

- 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.

Some things 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

Professional recognition

You can apply for professional accreditation as an interpreter and translator through testing by the National Accreditation Authority for Translators and Interpreters.

Your future career

When you graduate, 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
- Teacher (with further study) or Academic
- Professional in Japan

TOP 3 REASONS TO STUDY JAPANESE

1. Murdoch 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 through study for one or more semesters at one of our 10 partner universities across Hokkaido, Tokyo, Kyoto and Hyogo.
3. Murdoch has received a five-star rating for median graduate starting salaries in the field of languages *(source: Good Universities Guide 2020).*

Add a co-major in Indonesian to your degree to learn about Indonesian language and culture—and expand your expertise and career opportunities. Indonesia is our nearest Asian neighbour and one of the world's biggest economies.

Bachelor of Arts

Philosophy

Bachelor of Arts	
TISC Code MUAPH	**Course Code** B1356
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

In this course you'll learn how to become a systematic, skilled thinker and communicator by studying the history of human thought and ideas.

About this course

- 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.

Some things 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

Your future career

The written and verbal skills you will develop in philosophy can be applied to almost anywhere. Your future career options could include:

- Journalist or Foreign Correspondent
- Intelligence Services
- Policy Advisor or Analyst
- Public Service
- Academia/Research

TOP 3 REASONS TO STUDY PHILOSOPHY

1. Murdoch 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.

Sociology

Bachelor of Arts	
TISC Code MUASO	**Course Code** B1356
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Explore how changes in the structure of society, the material world, the economy, cultural systems of beliefs and values influence us as members of society.

About this course

- 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.

Some things you'll learn

- The relationship between religions and society
- The way class, religion, gender, ethnicity and other factors impact on young people's identity and sense of belonging
- The role of health and illness in society and everyday life

Your future career

A degree in Sociology will give you knowledge and skills that are increasingly important in a wide range of professions and occupations. Your future career options could include:

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

TOP 3 REASONS TO STUDY SOCIOLOGY

1. Create an e-portfolio of your work to showcase 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 the kind of knowledge that is useful in social and career-related contexts, to become an asset to future employers.

Bachelor of Arts

Sustainable Development

Bachelor of Arts	
TISC Code MUASU	**Course Code** B1356
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Turn your passion for sustainability into a rewarding career where you can make a difference within communities and regions, in Australia and overseas.

About this course

- Learn about the world's sustainable development goals and how to uphold them.
- Develop expertise to work with communities in finding solutions to urgent sustainability issues including climate change, reducing waste, and protecting biodiversity.
- Gain the critical-thinking, communication and hands-on skills you need to shape the future and to be an asset to any organisation.
- 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.

Some things you'll learn

- Overseas aid and international development
- Global and regional sustainability
- Sustainable tourism
- Sustainable urban communities
- Resilient regions and sustainability in practice

Your future career

When you graduate with a degree in Sustainable Development, you could pursue a range of careers with state and federal government agencies, non-governmental organisations or businesses. Your future career options could include:

- Sustainable Development or Environmental Officer
- Community Development Officer
- Ecopreneur (starting green businesses)
- Sustainability Educator
- Sustainability Consultant

TOP 3 REASONS TO STUDY SUSTAINABLE DEVELOPMENT

1. Take on sustainability volunteering within Australia or overseas 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. Join our dynamic community of students, graduates and experts committed to making a difference on a local, national and global scale.

Tourism and Events

Bachelor of Arts	
TISC Code MUATE	**Course Code** B1356
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

If you love the idea of working overseas or as part of our Australian tourism landscape, a degree in Tourism and Events could take you anywhere.

About this course

- → Study tourism with a focus on sustainability.
- → Explore policy issues relating to tourism and events, and the planning and management of sustainably coordinated events and festivals.
- → Learn to link tourism and events with national policy, economic development and environmental and cultural management.
- → Take field trips to tourism destinations.

Some things you'll learn

- → Sustainable tourism
- → Destination management
- → Events, policy and evaluation
- → How to manage festivals and events
- → Nature-based tourism

Your future career

When you graduate, 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

TOP 3 REASONS TO STUDY TOURISM AND EVENTS

1. Learn from industry experts like Dr Diane Lee, a specialist in the sustainable development of tourism in Australia and developing nations.
2. Study two majors in three years and graduate with two specialisations, further enhancing your career prospects.
3. You'll create an e-portfolio of your work to showcase to employers when you graduate.

Bachelor of Global Security

Terrorism and Counterterrorism Studies

Bachelor of Global Security	
TISC Code MUGSA	**Course Code** B1363
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Terrorism impacts the world in challenging and often unexpected ways. In this course, you'll explore the complex causes of terrorism and political violence, how these issues are shaping the world – and what can be done about it.

About this course

- Explore the meaning, development and complex causes of terrorism and political violence.
- 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 insights that organisations across the world are looking for when assessing risk and potential threats to security.

Some things you'll learn

- Terrorism in a globalised world
- Military force and counterterrorism
- Policing, intelligence and counterterrorism
- Middle East politics and security
- US policies and global security

Your future career

When you graduate, your future career opportunities could include working in the intelligence services, Australian Defence Force, and state and federal government agencies as a:

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

TOP 3 REASONS TO STUDY TERRORISM AND COUNTERTERRORISM STUDIES

1. Benefit from our long-standing industry connections with government and security agencies and learn from experts who have worked and consulted with organisations such as the Department of Foreign Affairs and Trade, the Australian Defence College, United Nations and a range of aid and development agencies.
2. Get a competitive advantage in your career as you explore national and international security issues, particularly in relation to the Middle East, Southeast and South Asia, where our teaching staff have special expertise.
3. Study and discuss real-life events as they happen and learn through case studies of past events.

Shay (Cheyenne) Lo

BACHELOR OF GLOBAL SECURITY
(TERRORISM AND COUNTERTERRORISM STUDIES + GLOBAL POLITICS)

“Murdoch and all my professors and the students I’ve met have helped me to broaden my horizons and expand my thinking. I’ve always thought of myself to be a critical thinker, but I feel like being at Murdoch has made me question that.”

Teaching

HIGHEST RATED UNIVERSITY IN WESTERN AUSTRALIA

for median graduate starting salary for education and training

GOOD UNIVERSITIES GUIDE 2020

FIRST UNIVERSITY IN AUSTRALIA

to offer SimLab™ – a virtual classroom

EXPERIENCE 585+ HOURS IN THE CLASSROOM

and the widest breadth of practical placements out of any university in Western Australia

Whether you want to inspire others through teaching, be an innovative educator, empower change or shape our future generations to think for themselves, an Education degree from Murdoch can turn your passion for teaching into a career.

As a Murdoch Teaching student, you'll experience learning that goes beyond the classroom.

7 REASONS TO STUDY TEACHING AT MURDOCH

1. Study one of Western Australia's most established teaching degrees. We have been helping our students become confident, skilled and resilient teachers since 1975.

2. Learn using SimLab™, an innovative technology that simulates real-life classroom situations, so you feel ready to tackle your practical placements. We were the first university in Australia to offer a simulated teaching experience.

3. Build an online portfolio to showcase your experience to future employers, complete literacy and numeracy requirements (LANTITE) and be supported to fulfill the regulatory requirements for your Teacher Performance Assessment.

4. Take part in our nationally recognised one-year internship program – the longest sustainable internship program in Western Australia – or travel to India on a volunteer placement to support physical education classes, coach sports teams and run activities for children with special needs.

5. Experience teaching placements in metropolitan, regional, rural and remote schools, as well as in international schools in Singapore, Thailand or Canada.

6. Choose electives to broaden your career path, like Catholic education electives or a unit in high incidence disabilities.

7. Study units at our partner universities across the globe through our Study Abroad and Exchange program.

Bachelor of Education

Early Childhood and Primary Teaching

Bachelor of Education (Early Childhood and Primary Teaching)	
TISC Code MUECP	**Course Code** B1383
Duration 4 years	**Selection Rank*** 70
Intake Semester 1	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Become an expert in play-based learning approaches in the only course in Western Australia where you can graduate qualified to work with and teach children from birth to Year 6.

About this course

- → Explore areas of the primary curriculum including English, Mathematics, Science, Humanities and Social Sciences, Health and Physical Education and the Arts.
- → Gain skills in early childhood learning and development.
- → Build an online portfolio to share your experience with future employers.
- → Once you've completed this degree, you can apply for the Master of Education (Coursework) or Master of Education (Research) to expand your career opportunities.

Some things you'll learn

- → Big ideas in education, including living and learning with technology
- → Aboriginal and Torres Strait Islander perspectives across the curriculum
- → Nurturing creativity in the early years and how to promote an inclusive education

Professional recognition

This qualification is recognised by the Teacher Registration Board of Western Australia, the Australian Institute for Teaching and School Leadership, the Australian Children's Education and Care Quality Authority, and the state, Catholic and independent schools, departments, organisations and associations.

Your future career

This course will give you the qualification you need to teach children from birth to Year 6, in childcare settings, kindergarten, pre-primary and primary classes.

TOP 3 REASONS TO STUDY EARLY CHILDHOOD AND PRIMARY TEACHING

1. Join the only teaching program in Western Australia where you can graduate ready for both early childhood education settings and primary school classrooms.
2. Have fun as you explore play-based learning and investigate effective learning, teaching and assessment practices.
3. Enjoy practical placements which could include metropolitan, rural, remote, international, multicultural, private and state school environments. We offer a variety of internships across the state, including some 12-month placements.

Bachelor of Education

Jayde Greig

BACHELOR OF EDUCATION GRADUATE
(EARLY CHILDHOOD AND PRIMARY TEACHING)

“My teaching practicum at Beanstalk International Bilingual School in Kunming, China, turned out to be one of the best experiences of my life. Kunming took me by surprise with its stunning flowers, gardens, lakes and skyscraper buildings. The teaching staff at the school went over and above to make us all feel welcome. It was a surreal experience implementing play-based learning in early childhood, while at the same time having a teacher translating in Chinese.”

Primary Teaching

Bachelor of Education (Primary Teaching)	
TISC Code MUEPT	**Course Code** B1382
Duration 4 years	**Selection Rank*** 70
Intake Semester 1	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

A degree in Primary Teaching can take you anywhere. Our teaching course gives you opportunities to engage with your own love of learning in a range of settings, in Australia or around the world.

About this course

- Gain the qualification you need to teach students from Years 1 to 6.
- Explore areas of the primary curriculum including English, Mathematics, Science, Humanities and Social Sciences, Health and Physical Education and the Arts.
- Gain skills in effective learning, teaching and assessment practices.
- You can choose to specialise in Mathematics and Numeracy Education, English and Literacy Education, Inclusive Education for work in special education schools and centres, or teaching Indonesian or Japanese in primary schools.

Some things you'll learn

- Living and learning with technology
- Language for learning and teaching
- Creating and managing effective learning environments and how to promote inclusive education
- The interaction and relationships between children, families, schools and the wider community

Professional recognition

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.

Your future career

This course will give you the qualification you need to teach children from Year 1 to 6 in primary schools, with the opportunity to specialise in Mathematics and Numeracy Education, English and Literacy Education, Inclusive Education or Teaching Indonesian or Japanese.

TOP 3 REASONS TO STUDY PRIMARY TEACHING

1. Graduate with an online portfolio which you can use to showcase your experience and skills to future employers.
2. Enjoy practical placements which could include metropolitan, rural, remote, international, multicultural, private and state school environments. We offer a variety of internships across Western Australia, including some 12-month placements.
3. Be mentored by our team of experienced teaching professionals to become a confident, creative and flexible teacher who is ready for the challenges and excitement of classroom life.

Lucy Selfe

BACHELOR OF EDUCATION IN PRIMARY TEACHING

“As part of my Education degree, I had the opportunity to study abroad in Alberta, Canada as part of the Teaching Across Borders Program. I learned a lot from this experience, not just in the practicum experiences but in being immersed in a new environment and experiencing different learning styles.”

Bachelor of Education

Dylan Spiby

BACHELOR OF EDUCATION
(PRIMARY, 1-10 HEALTH AND PHYSICAL EDUCATION)

“Currently I am working at the International School of Western Australia as the lead Secondary Health and Physical Education Teacher. Since starting I have received multiple promotions including becoming the Head of Sport and Co-Curricular Coordinator on top of my teaching load. Murdoch has been able to assist me in starting my own career, giving authentic learning experiences both at university and in a variety of different classrooms. I was able to teach at the British International School in Phuket, which gave the required experience for my current position. The teaching staff within the Education department at Murdoch have not only mentored me to become a teacher, but with their passion for education, also showed me why passionate teachers make all the difference in a child’s educational experience.”

Primary, 1-10 Health and Physical Education

Bachelor of Education (Primary, 1-10 Health and Physical Education)

TISC Code MUEHP	**Course Code** B1384
Duration 4 years	**Selection Rank*** 70
Intake Semester 1	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Do you want to inspire young people to live healthy, active lives? Teach primary school students in the classroom and become a Health and Physical Education specialist, teaching from primary up to Year 10 in high schools.

About this course

- Graduate ready to work as a primary school teacher for Years 1 to 6 and as a secondary teacher specialising in Health and Physical Education up to Year 10.
- Study areas of the primary curriculum including English, Mathematics, Science, Humanities and Social Sciences, Health and Physical Education and the Arts.
- 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.
- Design, deliver and lead a sport development program for juniors, either within a school or club and receive coaching accreditation in selected sports.

Some things you’ll learn

- The importance of health and physical education and how to run a sport education program
- How to coach a number of different sports, being guided by expert mentors who are leaders in their fields
- How to create and manage inclusive and effective learning environments

Professional recognition

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.

Your future career

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

TOP 3 REASONS TO STUDY PRIMARY, 1-10 HEALTH AND PHYSICAL EDUCATION

1. 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.
2. Enjoy practical placements, which could include metropolitan, rural, remote, international, multicultural, private and state school environments.
3. Have the opportunity to travel to Thailand to experience a two-week international school placement funded by the Australian government.

Bachelor of Education

Secondary Teaching

Bachelor of Education (Secondary Teaching)

TISC Codes
Advanced Mathematics – MUEAM
Biology and Environmental Science – MUEBE
Biology and Human Biology – MUEBH
Chemistry – MUECH
Earth and Environmental Science – MUEEE
English – MUEEN
Geography and Economics (HASS) – MUEGE
Health and Physical Education – MUEPE
History (HASS) – MUEHI
Mathematics – MUEMT
Physics – MUEPS
Politics (HASS) – MUEPL

Course Code
B1368

Duration
4 years

Intake
Semester 1

Selection Rank*
70

Recommended ATAR Subjects
N/A

Minimum Selection Rank required for consideration

Whether you want to travel the world, coach young people or inspire the next generation of thinkers, this degree will give you valuable experience and a competitive edge to launch your secondary teaching career.

About this course

- Gain the qualification you need to teach students from Years 7 to 12 in a teaching area you're passionate about.
- Choose to major in two areas spanning Science, Mathematics, English, Society and Environment, and Physical Education.
- By having qualifications in two teaching areas, you will have a competitive advantage with a variety of employers across Australia and overseas.
- Learn how to manage a secondary level classroom and get valuable experience working in school placements across the secondary years.

Some things you'll learn

- Living and learning with technology
- Language for learning and teaching
- Creating and managing effective learning environments and how to promote inclusive education
- Adolescent development and health across different counties and cultures

Professional recognition

We are currently in the process of seeking accreditation for this new course and expect to receive recognition from the Teacher Registration Board of Western Australia, and the state, Catholic and independent schools, departments, organisations and associations.

Your future career

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

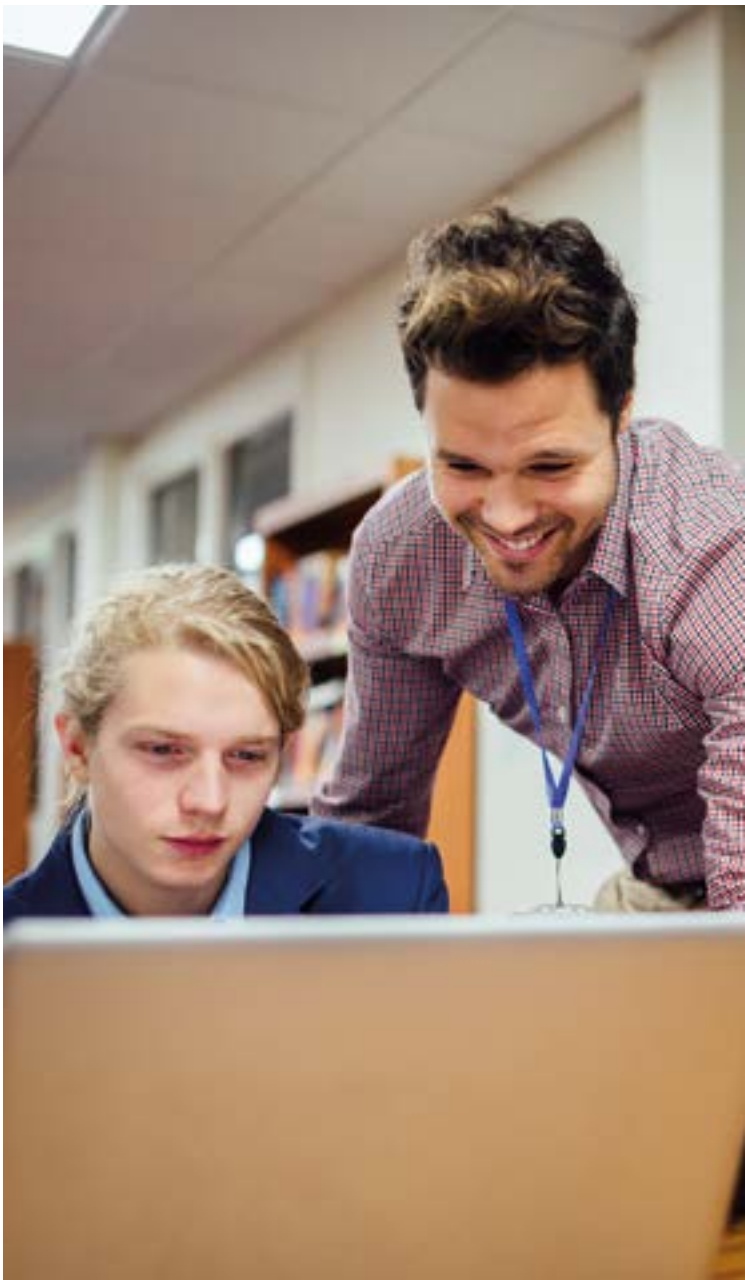
TOP 3 REASONS TO STUDY SECONDARY TEACHING

1. Before each prac, you'll be able to develop your teaching skills, practice dealing with challenging behaviour, and try parent-teacher interviews and other situations in a safe environment through our SimLab™ technology. It's a virtual classroom using actors and avatars – and the first of its kind in Australia.
2. You could apply for our year-long internship where you are immersed in a school, enhancing your skills and qualities to be work-ready for your teaching career.
3. Graduate ready for the classroom with both a major and minor teaching area and an online portfolio to share your experience with future employers and to respond to teacher registration requirements.

Victoria McGiveron

BACHELOR OF EDUCATION
(SECONDARY TEACHING + ENGLISH)

“I am studying a combined degree in Secondary Education and Arts. I value all of the real-world experience that I’m getting throughout my degree, specifically prac and SimLab™. I also appreciate that many of my tutors are veteran teachers, meaning that they bring real-world applications to the content that they’re teaching. I feel like the skills and knowledge that I have developed whilst at Murdoch have really prepared me for my teaching career.”



Technology

TAKE ON REAL CLIENTS WITH PROJECT BASED UNITS

The Australian Government rates our research in technology as

WELL ABOVE WORLD STANDARD

the highest possible ranking

EXCELLENCE IN RESEARCH FOR AUSTRALIA 2018

OUR IT COURSES ARE ACCREDITED BY THE AUSTRALIAN COMPUTER SOCIETY

When you use technology to power creative solutions, you'll be able to make a real difference to the economic and social wellbeing of our society.

At Murdoch, you'll explore how thinking differently about technology can spark new ideas, create conversations and ultimately change the way we live.

7 REASONS TO STUDY TECHNOLOGY AT MURDOCH

1. Learn in our IT Innovation Hub, fitted with the latest mixed and augmented reality equipment, industrial technologies and an operational data centre.

2. Study courses that have been developed in conjunction with an industry advisory panel, with representatives from some of Western Australia's biggest energy companies and banks, government departments and internet service providers.

3. Experience internships through our dedicated Work Integrated Learning program and study project-based units where you'll work in a team and consult with real clients to recommend, develop and implement new technologies that solve business problems.

4. Choose your major at the end of your first year, so you can explore all the fields of IT before you specialise.

5. Participate in national competitions like the Hackathon or Cyber Security Challenge Australia and take on units that will prepare you for industry certification exams.

6. Study two majors or degrees at once to graduate with more career opportunities.

7. Study units at our partner universities across the globe through our Study Abroad and Exchange program.

Bachelor of Information Technology and Business

Information Technology and Business

Bachelor of Information Technology and Business	
TISC Code MUITB	**Course Code** B1375
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Interested in pursuing a career in the fields of business and information technology? Get the skills you'll need to design innovative analysis systems strategies now in high demand across Australia and internationally.

About this course

- This unique course 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.

Some things you'll learn

- Systems analysis, design and development
- Business intelligence and analytics
- Global marketing and strategic management
- Enterprise architectures
- Organisational theory and behaviour

Your future career

When you graduate from this course you are 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 Systems Administrator
- Management and Organisational Analyst
- Research and Development Manager
- Contract Program and Project Administrator
- Health and Welfare Analyst/Manager

TOP 3 REASONS TO STUDY INFORMATION TECHNOLOGY AND BUSINESS

1. Take advantage of this unique combination of business and technology.
2. We are ranked number one in Australia for teaching quality and skills development in computing and information systems *(source: Good Universities Guide 2019).*
3. Get practical experience with the opportunity to take on real clients and projects.

Bachelor of Information Technology

Artificial Intelligence and Automation**

Bachelor of Information Technology	
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Methods or Mathematics Applications

*Minimum Selection Rank required for consideration
**This course is subject to approval for 2021

Artificial Intelligence is driving radical change and growth in many sectors across Australia and the world. Studying Artificial Intelligence will equip you to be part of the of the new technological revolution with cutting-edge knowledge and enhanced critical thinking and problem-solving skills. You will gain the knowledge and skills needed for jobs in the 21st century, helping you to make a real difference in society.

About this course

- Explore Artificial Intelligence theory, 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 and demands.
- In the final year of your degree, you'll take part in a professional practice project unit. 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 business demands.

Some things you'll learn

- System analysis, design and development
- Programming
- Data structures and abstractions
- AI software architectures
- Fundamentals, theory and applications of Artificial Intelligence and Machine Learning

Professional recognition

This course will be offered for the first time in 2021. Application for accreditation by the Australian Computer Society will be undertaken.

Your future career

Graduating with a major in Artificial Intelligence (AI), you'll have the required skills for a diverse range of career opportunities across almost all technology and business sectors such as government, health, banking and mining. Your future career options could include:

- AI Programmer/Software Developer
- AI Systems Analyst
- AI Software Architect
- Data Scientist and Risk Analyst
- Cyber Security Expert

TOP 3 REASONS TO STUDY ARTIFICIAL INTELLIGENCE AND AUTOMATION

1. Be ready for one of the newest, fastest growing and most rewarding industries.
2. Make use of our new IT Innovation Hub, equipped with the latest high-performance computing facilities and a state-of-the-art operational data centre.
3. Our research in Artificial Intelligence is ranked at World Standard *(source: Excellence in Research for Australia 2018).*

Computer Science

Bachelor of Information Technology**	
TISC Code MUSCS	**Course Code** B1317
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications

**Minimum Selection Rank required for consideration*
***This course is currently a Bachelor of Science and will change to a Bachelor of Information Technology in 2021, subject to approval*

Computing is part of everything we do. Studying computer science will develop your critical thinking and problem-solving skills, helping you to make a real difference to society.

About this course

- 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.
- In the final year of your degree, you'll take part in a professional practice project unit. 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.

Some things you'll learn

- Systems analysis, design and development
- Programming
- Data structures and abstractions
- Software architectures
- Intelligent systems and artificial intelligence

Professional recognition

This course is accredited at the professional level with the Australian Computer Society.

Your future career

Graduating with a major in Computer Science, 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

TOP 3 REASONS TO STUDY COMPUTER SCIENCE

1. Take on real-world clients with project-based units.
2. Make use of our new IT Innovation Hub, fitted out with the latest mixed and augmented reality equipment, an operational data centre and high-performance computing capabilities.
3. Our research in artificial intelligence is ranked as world standard *(source: Excellence in Research for Australia 2018).*

Bachelor of Information Technology

Cyber Security and Forensics

Bachelor of Information Technology**	
TISC Code MUSIF	**Course Code** B1317
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications

**Minimum Selection Rank required for consideration*
***This course is currently a Bachelor of Science and will change to a Bachelor of Information Technology in 2021, subject to approval*

The global economy is increasingly dependent on a secure digital environment that protects its users. Are you interested in using your analytical, technical and creative problem-solving skills to fight against cybercrime and help secure our digital age?

About this course

- Gain a solid foundation of the theoretical and practical aspects of different dimensions of cyber security, such as network security, software security, system security measures and models, information security, computer forensics, penetration testing and vulnerability assessment.
- Learn how to forensically examine digital evidence, identify and respond to threats and information security incidents.
- Develop digital forensic and critical-thinking skills to solve computer crime.
- In the final year of your degree, you'll take part in a professional practice project unit. 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.

Some things 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
- Database management

Professional recognition

This course is accredited at the professional level with the Australian Computer Society.

Your future career

Graduating with a major in Cyber Security and Forensics will equip you 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 Hacker
- Network and Security Specialist
- Cyber Forensic Investigator

TOP 3 REASONS TO STUDY CYBER SECURITY AND FORENSICS

1. We are the only university in Western Australia 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

Bachelor of Information Technology**	
TISC Code MUSIT	**Course Code** B1317
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications

**Minimum Selection Rank required for consideration*
***This course is currently a Bachelor of Science and will change to a Bachelor of Information Technology in 2021, subject to approval*

Gaming is now a multi-billion dollar industry! If you're interested in a degree that equips you with the skills you need to work in this global industry, this is the course for you.

About this course

- Gain the skills needed to work in both the international games industry and the information technology industry.
- Learn the 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 multiuser games programming.
- In the final year of your degree, you'll take part in a professional practice project unit. 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.

Some things you'll learn

- Computer graphics principles and programming
- Games design and programming
- Virtual environments for games and simulations
- Game development
- Artificial intelligence

Professional recognition

This course is accredited at the professional level with the Australian Computer Society.

Your future career

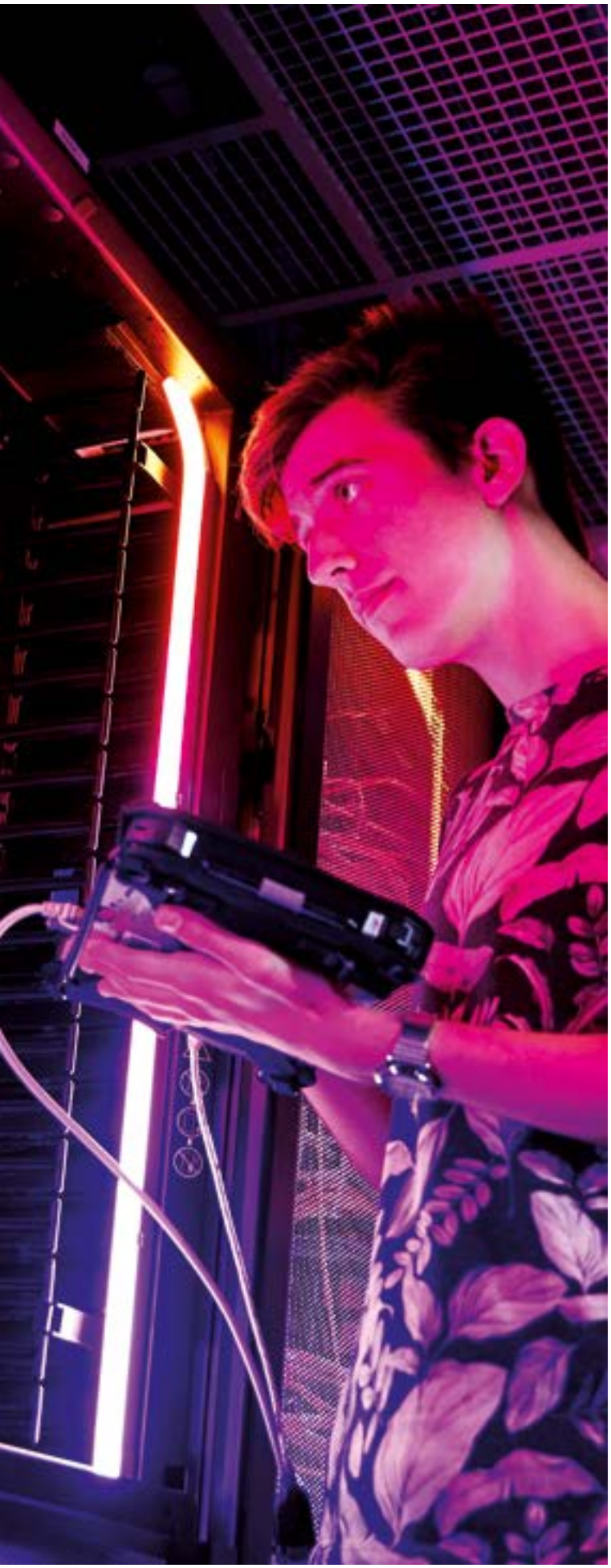
Graduating with a major in Games Technology, you'll have the skills required for a range of gaming careers in Australia and overseas. Your future career options could include:

- Games Designer
- Games Programmer
- Software Engineer
- Systems Analyst or Programmer
- Artificial Intelligence Programmer

TOP 3 REASONS TO STUDY GAMES TECHNOLOGY

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. Your work will go beyond the conventional notions of information technology, as you work on revolutionary ideas, concepts and technologies that were once considered to be science fiction.

Bachelor of Information Technology



Internetworking and Network Security

Bachelor of Information Technology**	
TISC Code MUSIW	**Course Code** B1317
Duration 3 years	**Selection Rank*** 70
Intake Semester 1 and 2	**Recommended ATAR Subjects** Mathematics Applications

**Minimum Selection Rank required for consideration*
***This course is currently a Bachelor of Science and will change to a Bachelor of Information Technology in 2021, subject to approval*

New technologies are constantly changing the way we live and work. As organisations embrace these technologies, they require people with advanced digital skills to effectively manage and build networks to take advantage of new opportunities.

About this course

- Develop in-depth knowledge and practical skills required to design, implement, manage and keep secure computer networks.
- Gain a solid foundation of the theoretical and practical aspects of different dimensions of network security, such as systems analysis and design, network design and implementation, voice technology and wireless and interactive networks.
- Learn about project management, research, oral and written communication skills, ensuring you're ready to enter the job market.
- In the final year of your degree, you'll take part in a professional practice project unit. 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.

Some things you'll learn

- Network security
- Systems analysis, design and development
- Server environments and architectures
- Wireless and interactive networks

Professional recognition

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 a number of roles such as Network Engineer or System Administrator and are considered very desirable by potential employers across a large range of enterprises.

Your future career

Graduating with a major in Internetworking and Network Security, 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

TOP 3 REASONS TO STUDY INTERNETWORKING AND NETWORK SECURITY

1. Make the most of our Cyber Security and Networking Labs – a highly flexible collaborative laboratory space where you can learn all aspects of cyber security, including hands-on network and cyber security training.
2. This course has been designed in consultation with industry so you can learn relevant skills in security, wired and wireless networks.
3. Due to rapid growth of the internet and the services it provides, there is an ever-growing need for networking specialists with skills in security.

Luke Phipps

BACHELOR OF SCIENCE GRADUATE
(COMPUTER SCIENCE + GAMES TECHNOLOGY)

"Murdoch has a heavy focus on real-world skill development. For my final-year project, I worked in a team of six students from various ICT majors. Using our combined knowledge, we collaborated with Optika Solutions to develop a virtual reality application that allows medical professionals to collaboratively interact with medical data in a unique way."

Combined degrees

Studying a combined degree will expand your expertise, broaden your career options and give you a competitive edge in your career.

Combined degrees

Bachelor of Commerce/ Bachelor of Entrepreneurship and Innovation

TISC Code	Course Code
MUCEI	B1364
Duration	**Selection Rank***
4 years	70
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	N/A

**Minimum Selection Rank required for consideration*

Explore the inner workings of business marketing, strategy and culture, with activities and workshops to boost your creative thinking skills. This is the only combined degree of its type in Western Australia.

About this course

- 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.
- When you graduate, you'll have the confidence to make a difference in both corporate and small business settings, or the skills you need to work for yourself.
- Choose to specialise in Accounting, Banking, Business Law, Economics, Finance, Global Business and Politics, Hospitality and Tourism Management, Human Resources Management, International Business, Management or Marketing.

Some things you'll learn

- Entrepreneurial marketing
- Cultures of innovation
- Entrepreneurial strategy
- Resourcing an entrepreneurial venture
- Law and the entrepreneur

Your future career

Graduating with a Bachelor of Commerce and Bachelor of Entrepreneurship and Innovation opens many career opportunities. You could work for yourself or work within any industry or sector, with just some of the roles you could explore including:

- 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

TOP 3 REASONS TO STUDY A BACHELOR OF COMMERCE/ BACHELOR OF ENTREPRENEURSHIP AND INNOVATION

1. This degree is not offered anywhere else in Western Australia.
2. Think creatively to solve problems in a range of business and commerce workshops, rather than sitting in a one-way lecture.
3. Create a business product or service, develop it and have the chance to launch it in your final year.

Bachelor of Creative Media/ Bachelor of Communication

TISC Code	Course Code
MUCCM	B1344
Duration	**Selection Rank***
4 years	70
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	See your chosen major

**Minimum Selection Rank required for consideration*

Combine a Bachelor of Creative Media with a Bachelor of Communication to get the skills and ways of thinking to give you a competitive edge in your career.

About this course

- → Customise your degree to suit what you're interested in – and your career aspirations. With your Bachelor of Creative Media you can choose to major in Sound, Photography, Graphic Design, Games Art and Design or Screen Production. Your Bachelor of Communication allows you to major in Journalism, Strategic Communication or Global Media and Communication.
- → Transition from being an independent and innovative creative arts and communications student into a well-rounded professional with a strong understanding of industry.
- → Be mentored by highly-experienced creative media and communication academics who will share their industry skills and knowledge with you.

Some things you'll learn

- → VR platforms and publishing
- → Mobile app and interaction design
- → Communication strategy and planning
- → Broadcasting and digital newsgathering
- → Web design
- → Directing and producing

Your future career

Depending on your chosen areas within communication and creative media this course could lead to many different job opportunities in different industries. With your combination of technical skills and specialised communication knowledge you'll expand your career options and become a double threat within the job market. Your future career options could include:

- → Journalist
- → Public Relations Officer
- → Graphic Designer
- → Animator
- → Television and Online Producer

TOP 3 REASONS TO STUDY A BACHELOR OF CREATIVE MEDIA/ BACHELOR OF COMMUNICATION

1. Work with real organisations on real projects as part of our Work Integrated Learning program. Some of our students have interned with Lifeline, RAC Arena and The Salvation Army.
2. Get more real-world experience in our on-campus student creative consultancy MESH where you could complete work for organisations like Royal Lifesaving Western Australia and the Western Australia Division of the United Nations.
3. Customise your course with a wide range of majors to choose from to create your perfect degree and career.

Combined degrees

Bachelor of Criminology/ Bachelor of Arts (Psychology)

TISC Code	Course Code
MUCAP	B1347
Duration	**Selection Rank***
4 years	70
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	N/A

**Minimum Selection Rank required for consideration*

Explore criminal behaviour, relationships and the inner workings of the human mind as you combine psychology with criminology.

About this course

- Examine crime from a range of perspectives – including law, sociology and psychology – as 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.
- By combining your Psychology degree with a Bachelor of Criminology, you'll build your expertise in the cognitive, social and developmental areas of psychology.

Some things you'll learn

- Criminal behaviour
- International and transnational crimes
- Psychological science
- Cultural psychology
- Psychology and law

Your future career

This course will give you a combination of skills and specialised knowledge which will expand your career options. Your future career options could include:

- Crime Journalist
- Crime Prevention Officer
- Community Correction or Juvenile Justice Officer
- Court Administrator
- Paralegal Officer
- Psychologist (with further study)

TOP 3 REASONS TO STUDY A BACHELOR OF CRIMINOLOGY/ BACHELOR OF ARTS (PSYCHOLOGY)

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 community.
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.

Bachelor of Criminology/ Bachelor of Communication

TISC Code	Course Code
MUCBC	B1362
Duration	**Selection Rank***
4 years	70
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	N/A

**Minimum Selection Rank required for consideration*

Advance your creative thinking and communication skills as you learn to investigate social problems and crime from a criminal behaviour perspective.

About this course

- Combining a Bachelor of Criminology degree with a Bachelor of Communication will really give you a competitive edge in your career. You could pursue a career in criminology or use your knowledge to become a crime journalist.
- Investigate criminal behaviour, the science behind crime and legal studies while learning from industry experts as you fine-tune your presentation, language and writing skills.
- Customise your degree to suit your interests – and your career aspirations. With your Bachelor of Criminology, you can choose to major in Legal Studies, Criminal Behaviour, Crime Science or White Collar and Corporate Crime. Your Bachelor of Communication allows you to major in Journalism, Strategic Communication and Global Media and Communication.

Some things you'll learn

- Crime scene investigation
- Children and crime
- Communication strategy and planning
- Broadcasting and digital newsgathering
- Communicating global issues

Your future career

This course will give you a combination of skills and specialised knowledge which will expand your career options. Your future career options could include:

- Crime Journalist
- Crime Prevention Officer
- Community Correction or Juvenile Justice Officer
- Court Administrator
- Paralegal Officer

TOP 3 REASONS TO STUDY A BACHELOR OF CRIMINOLOGY/ BACHELOR OF COMMUNICATION

1. Choose from a range of majors including two majors available only at Murdoch – Crime Science and White Collar and Corporate Crime.
2. Work with organisations on real projects as part of your Communication degree through our Work Integrated Learning program. Some of our students have interned with Lifeline, RAC Arena and The Salvation Army.
3. Get more real-world experience in our on-campus student creative consultancy MESH and work on projects with real companies. Organisations have included Royal Lifesaving WA and the WA Division of the United Nations.

Combined degrees

Bachelor of Criminology/ Bachelor of Global Security

TISC Code	Course Code
MUCGS	B1366
Duration	**Selection Rank***
4 years	70
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	N/A

**Minimum Selection Rank required for consideration*

Lead an incredible career anywhere in the world. In this course you'll explore criminal behaviour, the nature of security, legal studies, crime science and how the world is threatened by terrorism.

About this course

- This is the first course of its kind in Australia and has been designed to build the expertise in criminology and security you need to help tackle today's global concerns.
- In our Bachelor of Criminology you can specialise in Criminal Behaviour, Legal Studies or Crime Science. Learn what causes growing crime rates, what goes on behind criminal minds and behaviours, and discover how the legal system shapes our society.
- Our Bachelor of Global Security allows you to specialise in Terrorism and Counterterrorism Studies. Delve into the history and causes of terrorism, how it affects society and what can be done about it.

Some things you'll learn

- International and transnational crimes
- Psychology and law
- Social and welfare law
- Understanding international politics
- US policies and global security

Your future career

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 Protections Officer
- Defence Force Officer
- Immigration and Citizenship Officer
- State and Federal Law Enforcement Officer
- Intelligence Services (private or public)
- Border Force Officer

TOP 3 REASONS TO STUDY A BACHELOR OF CRIMINOLOGY/ BACHELOR OF GLOBAL SECURITY

1. This course 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, and put your learning into practice.
3. Explore a range of perspectives on issues including interpersonal violence, political violence and transnational crime, including money laundering.

Bachelor of Criminology/ Bachelor of Science (Forensic Biology and Toxicology)

TISC Code	Course Code
MUCBS	B1360
Duration	**Selection Rank***
4 years	70
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	N/A

**Minimum Selection Rank required for consideration*

Explore the patterns of human behaviour associated with crime, discover how science can be used to help solve crimes and learn a range of forensic techniques such as DNA sequencing.

About this course

- This is the only degree of its kind in Western Australia, combining a Bachelor of Criminology with a Bachelor of Science in Forensic Biology and Toxicology.
- Learn about a range of forensic disciplines including forensic palynology, 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.

Some things you'll learn

- Crime scene investigation
- Children and crime
- Forensic DNA analysis
- Forensic anatomy and anthropology
- Forensic toxicology

Your future career

Studying a combined degree in Criminology and Forensic Biology and Toxicology will set you up for a career in either the criminal justice system or forensics. Your future career options could include:

- Criminologist
- Forensic Investigator or Scientist
- Laboratory Analyst
- State or Federal Police Law Enforcement Officers
- Intelligence Officer
- Health Department or Hospital Researcher

TOP 3 REASONS TO STUDY A BACHELOR OF CRIMINOLOGY/ BACHELOR OF SCIENCE (FORENSIC BIOLOGY AND TOXICOLOGY)

1. Get hands-on experience as you apply DNA sequencing and other forensic techniques from the lab to simulated crime scenes on and off-campus.
2. Study the latest 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 from PathWest, ChemCentre, WA Police, the Office of the Director of Public Prosecutions and the Coroner's Office.

Combined degrees

Ekky Alwy

BACHELOR OF ENGINEERING/
(INSTRUMENTATION AND CONTROL ENGINEERING + RENEWABLE ENERGY ENGINEERING)
BACHELOR OF COMMERCE
(MANAGEMENT)

“One of the reasons I chose to study at Murdoch was that they are one of the more ‘industry’ ready universities, offering quite specific courses. Both of my engineering majors are not taught in many universities in Australia, which to me, made Murdoch have the edge over others.

My engineering degree requires that I complete more than 450 hours of industry experience before graduating. I was lucky enough to intern at Indonesia’s largest oil and gas company in their onsite refinery unit. I really enjoyed implementing what I had learnt in the labs at Murdoch and it was good to see that what I’m being taught at Murdoch is used on a daily basis by the engineering industry.”

Bachelor of Engineering (Honours)/ Bachelor of Commerce (Management)

TISC Code	Course Code
MUECM	H1281
Duration	**Selection Rank***
5 years	80
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	Mathematics Methods or Mathematics Specialist Physics Chemistry

**Minimum Selection Rank required for consideration*

Are you a problem solver with a business or corporate mindset? Combine the strengths of engineering and management to lead teams to find innovative and practical solutions to real-world problems.

About this course

- This course will prepare you to identify opportunities, assess challenges and find solutions to real-world management issues.
- Develop an entrepreneurial mindset while building a deep understanding of scientific and mathematical principles to design and create processes or systems that can be applied in the field.
- If you’re career-driven you could choose a double major in the field of engineering including Environmental, Chemical, Electrical, Industrial Computer Systems, Renewable Energy, and Instrumentation and Control.

Some things you’ll learn

- Design concepts
- Principles of process engineering
- Control systems and process dynamics
- International business
- Global strategic management

Professional recognition

When you graduate from an accredited engineering course, you’ll be eligible for graduate membership of Engineers Australia. You could then apply for full chartered professional engineer status after another three to five years of work in the engineering profession.

Your future career

When you graduate from this course you are likely to find work in all sectors including for profit, non-profit and government organisations. An extremely wide range of opportunities are available in both the commercial and industrial sectors covering information technology, manufacturing, medical, mining, processing, energy supply, communications, electronics, computer systems and defence-related. Your future career options could include:

- → Management Consulting
- → Banking and Finance
- → Business Development
- → Professional Engineer

TOP 3 REASONS TO STUDY BACHELOR OF ENGINEERING/ BACHELOR OF COMMERCE

1. Work with organisations on real projects, and complete internships through our Work Integrated Learning program.
2. 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.
3. We have a five-star rating for overall experience, student support, teaching quality and median graduate starting salary for engineering and technology *(source: Good Universities Guide 2020)*.

Combined degrees

Bachelor of Engineering (Honours)/ Bachelor of Entrepreneurship and Innovation

TISC Code	Course Code
MUEEI	H1282
Duration	**Selection Rank***
5 years	80
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	Mathematics Methods or Mathematics Specialist Physics Chemistry

**Minimum Selection Rank required for consideration*

Are you passionate about transforming adversity into an opportunity or enjoy developing new solutions? Do you have the drive to run your own business or transform an existing company? If so, this course is for you.

About this course

- In this course, you will develop a fundamental understanding of engineering practices and an ability to refine that knowledge to apply it in an entrepreneurial/intrapreneurial project.
- Learn to use tools to foster creativity and innovation, be it for improvement within an existing organisation, such as in an intrapreneurial capacity, or to create your own start-up. This includes applying scientific and mathematical principles to design and create processes or systems to deliver innovative solutions.
- In your final year, you will have the opportunity to develop a business model and pitch it to a group of potential stakeholders.

Some things you'll learn

- Design concepts
- Principles of process engineering
- Control systems and process dynamics
- Cultures of innovation and entrepreneurial strategy

Professional recognition

When you graduate from an accredited engineering course, you'll be eligible for graduate membership of Engineers Australia. You could then apply for full chartered professional engineer status after another three to five years of work in the engineering profession.

Your future career

When you graduate from this course your options include positions with engineering firms, land developers, utilities, international development and government agencies in design and manage engineered systems. Your future career options could include:

- Entrepreneur/Start-up Founder
- Business Analyst
- Professional Engineer or Consultant in Engineering Management
- New Product Development Manager
- Innovation Manager

TOP 3 REASONS TO STUDY A BACHELOR OF ENGINEERING (HONOURS)/BACHELOR OF ENTREPRENEURSHIP AND INNOVATION

1. This is an innovative combined degree that is a unique offering in Western Australia.
2. Work with organisations on real projects, and complete internships through our Work Integrated Learning program.
3. Take advantage of Launchpad, where you can connect, collaborate and develop ideas and solutions with local businesses and industry.

Bachelor of Laws/ Bachelor of Arts

TISC Code	Course Code
MULBA	B1370
Duration	**Selection Rank***
5 years	90
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	N/A

**Minimum Selection Rank required for consideration*

Gain a competitive edge in your law career by combining your Bachelor of Laws with a Bachelor of Arts, which will allow you to specialise in areas such as politics.

About this course

- → Adding a law degree to your arts qualification will help you hone your communication and problem-solving skills to give you a competitive edge in your career.
- → The combination of a Law and Arts degree means you'll develop valuable skills to use in your future career, including presentation skills, media liaison, language skills and knowledge of policies and international relations.

Some things you'll learn

- → Criminal law and procedure
- → Legal protection of international human rights
- → Refugee and family law
- → Introduction to mooting
- → Introduction to legal practice

Professional recognition

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 Ministry of Law in Singapore, the Malaysian Bar Council and the Indian Bar Council.

Your future career

Studying law in combination with arts 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:

- → Lawyer
- → Solicitor or Barrister
- → Roles in federal, state or local government
- → Ambassador
- → Politician

TOP 3 REASONS TO STUDY A BACHELOR OF LAWS/BACHELOR OF ARTS

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 mooting program, competing across Australia and the world.
3. Graduate with two qualifications, enhancing your career prospects and learning to work across different industries.

Combined degrees

Bachelor of Laws/ Bachelor of Arts (Psychology)

TISC Code	Course Code
MULAP	B1354
Duration	**Selection Rank***
5 years	90
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	N/A

**Minimum Selection Rank required for consideration*

Explore criminal behaviour, relationships and the workings of the human mind by adding a psychology degree to your law qualification.

About this course

- When you combine your Bachelor of Laws with a Bachelor of Arts in Psychology, you'll build special expertise in the cognitive, social and developmental areas of psychology.
- You'll 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.
- You'll examine leading-edge research and get opportunities for practical experience to explore how we make sense of ourselves.

Some things you'll learn

- Trial advocacy
- Legal protection of international human rights
- Psychological science
- Cultural psychology
- Psychology and law

Professional recognition

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.

Our Murdoch Law degree is accredited by the Ministry of Law in Singapore, the Malaysian Bar Council, and the Indian Bar Council.

The Bachelor of Arts in Psychology course is accredited by the Australian Psychology Accreditation Council. You could add a fourth year of study, such as our Graduate Diploma or Honours program, to be eligible for provisional registration with the Psychology Board of Australia.

Your future career

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

TOP 3 REASONS TO STUDY A BACHELOR OF LAWS/BACHELOR OF ARTS (PSYCHOLOGY)

1. 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.
2. Develop analytical skills alongside contemporary scientific research methods for investigating human minds and behaviour.
3. Graduate with two qualifications, a unique skillset and even more career opportunities.

Bachelor of Laws/ Bachelor of Business or Commerce

Bachelor of Laws/Bachelor of Business	
TISC Code MULBB	**Course Code** B1369
Duration 5 years	**Selection Rank*** 90
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

Bachelor of Laws/Bachelor of Commerce	
TISC Code MULBC	**Course Code** B1371
Duration 5 years	**Selection Rank*** 90
Intake Semester 1 and 2	**Recommended ATAR Subjects** N/A

**Minimum Selection Rank required for consideration*

Gain insight into the corporate and business world so you can make better-informed decisions as a legal practitioner.

About this course

- → Law works across all industries and businesses. Adding a commerce degree to your law qualification will help you 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.

Some things you'll learn

- → Trial advocacy
- → Legal protection of international human rights
- → Foundations of accounting
- → Business in society
- → Transforming business

Professional recognition

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.

Our Murdoch Law degree is accredited by the Ministry of Law in Singapore, the Malaysian Bar Council, and the Indian Bar Council.

Your future career

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

TOP 3 REASONS TO STUDY A BACHELOR OF LAWS/BACHELOR OF COMMERCE OR BUSINESS

1. Graduate with two qualifications, giving you a unique skillset and even more career opportunities.
2. 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.
3. Travel and study in Italy, Switzerland, Germany or India as part of your Bachelor of Laws.

Combined degrees

Bachelor of Laws/ Bachelor of Communication

TISC Code	Course Code
MULCM	B1353
Duration	**Selection Rank***
5 years	90
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	N/A

**Minimum Selection Rank required for consideration*

Perfect your communication and presentation skills by adding a communication degree to your law studies and gain a competitive edge in your career.

About this course

- Combining law and communications will help you hone your communication and problem-solving skills to give you a competitive edge in your career. You'll gain valuable, additional skills to use in your future career, including presentation skills, media liaison, broadcasting, writing, news media, public affairs, advocacy and more.
- Choose to specialise in Journalism, Strategic Communication or Global Media and Communication.

Some things you'll learn

- Criminal law and procedure
- Refugee and family law
- How to communicate global issues
- Media audiences, governance and globalisation
- Digital media skills

Professional recognition

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 Ministry of Law in Singapore, the Malaysian Bar Council and the Indian Bar Council.

Your future career

Studying law in combination with communication can lead to a career in any area or industry, from navigating human rights to pursuing a career in politics. 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
- Solicitor or Barrister
- Corporate Communicator
- Ambassador
- Politician

TOP 3 REASONS TO STUDY A BACHELOR OF LAWS/BACHELOR OF COMMUNICATION

1. Get work experience through our Work Integrated Learning program which allows you to intern at local and international organisations. Some of our students have interned with Lifeline, RAC Arena and The Salvation Army.
2. Join Western Australia's largest and most successful mooting 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.

Bachelor of Laws/ Bachelor of Criminology

TISC Code	Course Code
MULCR	B1346
Duration	**Selection Rank***
5 years	90
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	N/A

**Minimum Selection Rank required for consideration*

Gain a competitive edge in your law career by combining your Bachelor of Laws with a Bachelor of Criminology and explore the role and operation of law in the criminal justice sector.

About this course

- Examine 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.
- When you combine your law degree with a Bachelor of Criminology, you can choose to major in Criminal Behaviour, Crime Science or White Collar and Corporate Crime.

Some things you'll learn

- Criminal law and procedure
- Legal protection of international human rights
- International and transnational crimes
- Criminal behaviour

Professional recognition

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 Ministry of Law in Singapore, the Malaysian Bar Council and the Indian Bar Council.

Your future career

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

TOP 3 REASONS TO STUDY A BACHELOR OF LAWS/BACHELOR OF CRIMINOLOGY

1. Work with local, national or international organisations on real projects as part of our Work Integrated Learning program. Some of our students have interned with the Western Australia Police Force in the Evidence Based Policing Unit.
2. Join Western Australia's largest and most successful mooting program, competing across Australia and the world.
3. Graduate with two qualifications, enhancing your career prospects and learning to work across different industries.

Combined degrees

Bachelor of Laws/ Bachelor of Global Security

TISC Code	Course Code
MULGS	B1365
Duration	**Selection Rank***
5 years	90
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	N/A

**Minimum Selection Rank required for consideration*

Learn how to address some of the world's biggest security challenges. In this combined degree, you'll explore the role of the law and how it overlaps with terrorism and counterterrorism.

About this course

- 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.

Some things you'll learn

- Trial advocacy
- Legal protection of international human rights
- Refugee law
- Terrorism in a globalised world
- Middle East politics and security

Professional recognition

The Bachelor of Laws degree meets the educational requirements of the Legal Practice Board of Western Australia for admission as a practicing 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 Ministry of Law in Singapore, the Malaysian Bar Council and the Indian Bar Council.

Your future career

Across the world, organisations are facing more dangerous and varied security threats than ever before. When you graduate with a combined degree in Law 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

TOP 3 REASONS TO STUDY A BACHELOR OF LAWS/BACHELOR OF GLOBAL SECURITY

1. This combined degree 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 mooting program, and apply for internships to get practical experience.
3. Graduate with two qualifications, giving you a unique skillset and even more career opportunities.

Bachelor of Laws/ Bachelor of Science

TISC Code	Course Code
MULBS	B1324
Duration	**Selection Rank***
5 years	90
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	N/A

**Minimum Selection Rank required for consideration*

Get ready for a fascinating career as you add a scientific specialisation such as Forensic Biology and Toxicology, Environmental Science or Environmental Management and Sustainability to your Law degree.

About this course

- Combining law and science will allow you to develop the kind of observation, analysis and reasoning skills that will give you a competitive edge in your career.
- You can combine a Bachelor of Laws with a range of science degrees and choose to major in Forensic Biology and Toxicology, Environmental Science or Environmental Management and Sustainability.

Some things you'll learn

- The legal protection of international human rights
- Water and earth science
- Forensic DNA analysis
- Environmental restoration
- Global and regional sustainability

Professional recognition

The Bachelor of Laws degree meets the educational requirements of the Legal Practice Board of Western Australia for admission as a practicing 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.

Our Murdoch Law degree is accredited by the Ministry of Law in Singapore, the Malaysian Bar Council, and the Indian Bar Council.

Your future career

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
- Restoration Ecologist
- Forensic Investigator
- Crime Scene Officer
- Atmospheric or Climate Change Scientist

TOP 3 REASONS TO STUDY A BACHELOR OF LAWS/BACHELOR OF SCIENCE

1. Work with international and local organisations on real projects as part of our Work Integrated Learning program. In 2019, a group of students travelled to Malaysia to explore mass disaster procedures while also observing an autopsy in a hospital morgue and learning more about the use of insects in solving crimes.
2. Graduate with two qualifications, a unique skillset and even more career opportunities.
3. Gain an understanding of how both legal and policy frameworks are integral to environmental management.

Samantha Joubert

BACHELOR OF SCIENCE
(FORENSIC BIOLOGY AND TOXICOLOGY + BIOMEDICAL SCIENCE + MOLECULAR BIOLOGY)

“I began my career as a technical officer in a workplace drug testing facility at Western Diagnostics in Myaree, Perth. I held that position for two years. In 2016, I entered my current employment as a toxicologist at the Victorian Institute of Forensic Medicine, in Melbourne (VIFM). At VIFM, we perform forensic toxicology analysis on biological samples for the Victoria Police and the Coroners Court of Victoria. My degrees from Murdoch University have allowed me to work at one of the most comprehensive and internationally respected forensic institutions in the world.”

Bachelor of Laws/ Bachelor of Science (Psychology)

TISC Code	Course Code
MULSP	B1355
Duration	**Selection Rank***
5 years	90
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	N/A

**Minimum Selection Rank required for consideration*

Combine your law degree with a Bachelor of Science in Psychology to expand your career opportunities and explore criminal behaviour, neuroscience, relationships and the inner workings of the human mind.

About this course

- You'll examine 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.
- When you combine your Bachelor of Laws with a Bachelor of Science in Psychology, you'll have the chance to study psychology along with other subjects in science. You can build special expertise in your final year with a unit in cognitive neuroscience.

Some things you'll learn

- Trial advocacy
- Legal protection of international human rights
- Psychological science
- Cultural psychology
- Psychology and law

Professional recognition

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

Our Murdoch Law degree is accredited by the Ministry of Law in Singapore, the Malaysian Bar Council, and the Indian Bar Council

The Bachelor of Science in Psychology course is accredited by the Australian Psychology Accreditation Council. You could add a fourth year of study, such as our Graduate Diploma or Honours program, to be eligible for provisional registration with the Psychology Board of Australia.

Your future career

Studying law can lead to a career in any area or industry, from navigating human rights to exploring emerging fields such as artificial intelligence. Your future career options could include:

- → Lawyer
- → Legal Practitioner
- → Psychologist (with further study)
- → Human Resources or Marketing Officer
- → Researcher

TOP 3 REASONS TO STUDY A BACHELOR OF LAWS/BACHELOR OF SCIENCE (PSYCHOLOGY)

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, organisations and clinics.
3. Graduate with two qualifications, a unique skillset and even more career opportunities.

Combined degrees

Bachelor of Science (Agricultural Sciences)/Bachelor of Commerce

TISC Code	Course Code
MUCSC	B1377
Duration	**Selection Rank***
4 years	70
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	N/A

**Minimum Selection Rank required for consideration*

Learn the food production systems, and develop understanding of how food security, farming systems, climate change and international markets impact feeding the world's growing population.

About this course

- There is increasing demand for leaders in the agriculture and food sectors with diverse skills and knowledge of both the management and technical aspects of the industry. This unique program provides an opportunity to combine management studies with agriculture.
- You can combine two agriculture majors (Animal Science, and Crop and Pasture Science) with fundamental business knowledge and a choice of a business major (Management, Marketing or International Business).
- Learn a broad range of skills and experiences, together with industry and community engagement, to prepare you for careers in the rapidly developing world of agribusiness.

Some things you'll learn

- Animal science and health
- Crop and pasture science
- International business
- Management
- Agricultural economics

Your future career

An extremely wide range of opportunities are available in the commercial, agricultural and industrial sectors covering information technology, manufacturing, food production, export industries, and biosecurity and food safety. Your future career options could include:

- Agricultural Scientist
- Agricultural Economist or Analyst
- Farm Manager
- Agronomist

TOP 3 REASONS TO STUDY A BACHELOR OF SCIENCE (AGRICULTURAL SCIENCES)/ BACHELOR OF COMMERCE

1. Gain fundamental skills across science and business relating to the agricultural industry, increasing your employability in the rapidly-developing global industry of agribusiness.
2. Studying at Australia's only campus-based farm, you'll gain hands-on experience in animal science and production together with crop science and pasture science. As part of your studies, you'll have the chance to get hands-on experience during industry placements in farms and agriculture research programs across Western Australia.
3. Gain knowledge that will help you create innovative solutions for food, agriculture, communities and the environment.

Murdoch Professor Chengdao Li played a key role in mapping the barley genome.

This work has opened the door to new and improved varieties which will help to feed the world for generations to come. In 2019, Professor Chengdao Li received national recognition, winning the Australian Farmer of the Year Award for Excellence in Agricultural Research.

Bachelor of Sport and Exercise Science/ Bachelor of Science (Psychology)

TISC Code	Course Code
MUSSP	B1352
Duration	**Selection Rank***
4 years	70
Intake	**Recommended ATAR Subjects**
Semester 1 and 2	Mathematical Methods Human Biology Physical Education studies

**Minimum Selection Rank required for consideration*

Turn your love of sport into a career. Develop your skills and knowledge in exercise physiology, biomechanics, motor control and sport and exercise psychology as well a broad theoretical and practical knowledge of psychology.

About this course

- Learn how to prescribe exercise to improve the movement of both athletes and the general population.
- This major gives you the opportunity to obtain the knowledge and skills of two complimentary disciplines to broaden your career options. With an increasing focus on the importance of healthy, active lifestyles, exercise science continues to be a growing discipline within Australia and around the world.
- 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. You'll also understand key psychological factors and how they are applied to a sports setting.
- Develop job-ready skills in analysis, writing, research, communication and teamwork and in your third year, you'll have the opportunity to learn hands on and apply what you've learnt within an industry placement.

Some things 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

Your future career

You could expect to work in a variety of areas, including sports teams, gymnasiums, peak sports bodies, health promotion and local government. Your future career options could include:

- → Sports or Exercise Scientist
- → Strength and Conditioning Coach
- → Sport and Recreation Officer
- → Sports and Exercise Physiologist or Sports Psychologist (with further study)

TOP 3 REASONS TO STUDY A BACHELOR OF SPORT AND EXERCISE SCIENCE/BACHELOR OF SCIENCE (PSYCHOLOGY)

1. Learn practical skills in purpose-built state-of-the-art facilities including an exercise physiology laboratory complete with a climate and altitude chamber, a rehabilitation, strength and conditioning laboratory, and a performance laboratory with a motion capture system and 50-metre running track.
2. Put your knowledge and skills to the test in your third year through an industry placement - working in a range of settings from community gymnasiums to professional sporting teams.
3. Benefit from our partnership with the Western Australian Cricket Association and learn from academics who are actively researching professional sports.

James Norton

BACHELOR OF SCIENCE
(PSYCHOLOGY)

"I felt that Murdoch was a university that was more grounded and not so full of pride and ego. I saw it as a university for the people."

Course index

MAJOR/AREA OF STUDY	DEGREE	DURATION (YEARS)	SELECTION RANK*	TISC CODE	COURSE CODE	CRICOS CODE	PAGE NUMBER
A							
Accounting	Bachelor of Business Bachelor of Commerce	3	70	MUBUS MUCMC	B1367 B1359	079326C 096879F	34
Animal Health	Bachelor of Science (Agricultural Sciences)	3	70	MUSAH	B1376	085582C	112
Animal Science	Bachelor of Science (Agricultural Sciences)	3	70	MUSAS	B1376	079345M	113
Artificial Intelligence and Automation**	Bachelor of Information Technology	3	70	TBC	TBC	N/A	150
B							
Banking	Bachelor of Business Bachelor of Commerce	3	70	MUBUS MUCMC	B1367 B1359	079326C 096879F	36
Biomedical Science	Bachelor of Science (Medical, Molecular and Forensic Sciences)	3	70	MUSBM	B1380	0101675	115
Business	Bachelor of Business Bachelor of Commerce	3	70	MUBUS MUCMC	B1367 B1359	079326C 096879F	33-45
Business Law	Bachelor of Business Bachelor of Commerce	3	70	MUBBL MUCMC	B1367 B1359	079326C 096879F	37
C							
Chemistry	Bachelor of Science	3	70	MUSCH	B1317	002977D	102
Chiropractic Science	Bachelor of Science (Chiropractic Science)/Bachelor of Clinical Chiropractic	5	70	MUSCP	B1331	083417K	92
Clinical Exercise Physiology	Bachelor of Sport and Exercise Science	4	70#	MUSXP	B1349	N/A	94
Clinical Laboratory Science	Bachelor of Science (Medical, Molecular and Forensic Sciences)	3	70	MUSCL	B1380	0101675	116
Commerce	Bachelor of Business Bachelor of Commerce	3	70	MUBUS MUCMC	B1336 B1359	079326C 096879F	33-45
Community Development	Bachelor of Arts	3	70	MUACD	B1356	079364G	123
Community Services**	Bachelor of Community Services	3	70	TBC	TBC	N/A	90
Computer Science	Bachelor of Information Technology***	3	70	MUSCS	B1317	040026C	151
Conservation and Wildlife Biology	Bachelor of Science	3	70	MUSCW	B1317	079334C	103
Crime Science	Bachelor of Criminology	3	70	MUCCS	B1345	095504A	46
Criminal Behaviour	Bachelor of Criminology	3	70	MUCCB	B1345	095504A	47
Crop and Pasture Science	Bachelor of Science (Agricultural Sciences)	3	70	MUSPC	B1376	087701G	114
Cyber Security and Forensics	Bachelor of Information Technology***	3	70	MUSIF	B1317	040026C	152
D							
Data Analytics and Applied Mathematics**	Bachelor of Data Analytics and Applied Mathematics	3	70	TBC	TBC	N/A	99
Digital Media and Communication**	Bachelor of Digital Media and Communication	3	70	TBC	TBC	N/A	73
E							
Early Childhood and Primary Teaching	Bachelor of Education (Early Childhood and Primary Teaching)	4	70	MUECP	B1383	0101766	139
Electrical Power Engineering (Honours)	Bachelor of Engineering	4	80	MUENG	H1264	030196A	77
Engineering Technology	Bachelor of Engineering Technology	3	70	MUSET	B1387	079342C	82

MAJOR/AREA OF STUDY	DEGREE	DURATION (YEARS)	SELECTION RANK*	TISC CODE	COURSE CODE	CRICOS CODE	PAGE NUMBER
Engineering Technology/ Chemical and Metallurgical Engineering**	Bachelor of Engineering Technology/Master of Engineering (Chemical and Metallurgical Engineering)	5	80	TBC	TBC	N/A	83
Engineering Technology/ Environmental Engineering**	Bachelor of Engineering Technology/Master of Engineering (Environmental Engineering)	5	80	TBC	TBC	N/A	84
English and Creative Writing	Bachelor of Arts	3	70	MUAEC	B1356	001572M	57
Entrepreneurship and Innovation**	Bachelor of Business Bachelor of Commerce	3	70	MUBUS MUCMC	B1367 B1359	N/A	38
Environmental Management and Sustainability	Bachelor of Science	3	70	MUSEM	B1317	079334C	104
Environmental Science	Bachelor of Science	3	70	MUSES	B1317	079334C	105
F							
Finance	Bachelor of Business Bachelor of Commerce	3	70	MUBUS MUCMC	B1367 B1359	079326C 096879F	39
Food Science and Nutrition	Bachelor of Food Science and Nutrition	3	70	MUFSN	B1389	0101649	100
Forensic Biology and Toxicology	Bachelor of Science (Medical, Molecular and Forensic Sciences)	3	70	MUSFB	B1380	0101675	117
G							
Games Art and Design	Bachelor of Creative Media	3	70	MUCME	B1343	095510C	65
Games Technology	Bachelor of Information Technology***	3	70	MUSIT	B1317	040026C	153
Genetics and Molecular Biology	Bachelor of Science (Medical, Molecular and Forensic Sciences)	3	70	MUSMB	B1380	0101675	118
Global Business and Politics	Bachelor of Commerce	3	70	MUCMC	B1359	096879F	40
Global Challenges**	Bachelor of Arts	3	70	TBC	TBC	N/A	124
Global Media and Communication	Bachelor of Communication	3	70	MUCOM	B1342	095508G	60
Global Politics and Policy	Bachelor of Arts	3	70	MUAPI	B1356	079364G	125
Graphic Design	Bachelor of Creative Media	3	70	MUCME	B1343	095510C	66
H							
History	Bachelor of Arts	3	70	MUAHI	B1356	079364G	126
Hospitality and Tourism Management	Bachelor of Business Bachelor of Commerce	3	70	MUBUS MUCMC	B1367 B1359	079326C 096879F	41
Human Resources Management	Bachelor of Business Bachelor of Commerce	3	70	MUBUS MUCMC	B1367 B1359	079326C 096879F	42
I							
Industrial Computer Systems Engineering (Honours)	Bachelor of Engineering	4	80	MUENG	H1264	030196A	78
Information Technology and Business	Bachelor of Information Technology and Business	3	70	MUITB	B1375	0101414	149
Instrumentation and Control Engineering (Honours)	Bachelor of Engineering	4	80	MUENG	H1264	030196A	79
International Aid and Development	Bachelor of Arts	3	70	MUAAD	B1356	079364G	128
International Business	Bachelor of Business Bachelor of Commerce	3	70	MUBUS MUCMC	B1367 B1359	079326C 096879F	43
Internetworking and Network Security	Bachelor of Information Technology***	3	70	MUSIW	B1317	040026C	154

Table notes:
**Minimum Selection Rank required for consideration, **This major/degree is subject to approval for 2021, ***This course currently exists as a Bachelor of Science and will change to a Bachelor of Information Technology in 2021, subject to approval, #Minimum ATAR required for consideration*

Course index

MAJOR/AREA OF STUDY	DEGREE	DURATION (YEARS)	SELECTION RANK*	TISC CODE	COURSE CODE	CRICOS CODE	PAGE NUMBER
J							
Japanese	Bachelor of Arts	3	70	MUAJS	B1356	079364G	129
Journalism	Bachelor of Communication	3	70	MUCOM	B1342	095508G	62
L							
Laboratory Medicine	Bachelor of Laboratory Medicine	4	70	MUSLA	B1374	0101823	101
Law	Bachelor of Laws	4	90	MULAW	B1321	006942E	51
Law - Graduate Entry	Bachelor of Laws	3	N/A	MULGL	B1340	093251M	52
Legal Studies	Bachelor of Criminology	3	70	MUCLS	B1345	095504A	48
M							
Management	Bachelor of Business Bachelor of Commerce	3	70	MUBUS MUCMC	B1367 B1359	079326C 096879F	44
Marine Biology	Bachelor of Science	3	70	MUSBI	B1317	079334C	106
Marine Science	Bachelor of Science	3	70	MUSMS	B1317	002977D	108
Marketing	Bachelor of Business Bachelor of Commerce	3	70	MUBUS MUCMC	B1367 B1359	079326C 096879F	45
N							
Nursing	Bachelor of Nursing	3	70	MUNUR (SL) (P) MPNUR (SL) (M)	B1373	050228K	91
P							
Philosophy	Bachelor of Arts	3	70	MUAPH	B1356	079364G	130
Photography	Bachelor of Creative Media	3	70	MUCME	B1343	095510C	67
Physics and Nanotechnology	Bachelor of Science	3	70	MUSPN	B1317	002977D	109
Primary Teaching	Bachelor of Education (Primary Teaching)	4	70	MUEPT	B1382	0101765	140
Primary, 1-10 Health and Physical Education	Bachelor of Education (Primary, 1-10 Health and Physical Education)	4	70	MUEHP	B1384	071543C	142
Psychology	Bachelor of Arts Bachelor of Science	3	70	MUAPC MUSPS	B1388 B1339	072172F 091972E	89
R							
Renewable Energy Engineering (Honours)	Bachelor of Engineering	4	80	MUENG	H1264	030196A	80
S							
Screen Production	Bachelor of Creative Media	3	70	MUCME	B1343	095510C	68
Secondary Teaching - Advanced Mathematics	Bachelor of Education (Secondary Teaching)	4	70	MUEAM	B1368	098365E	144
Secondary Teaching - Biology and Environmental Science	Bachelor of Education (Secondary Teaching)	4	70	MUEBE	B1368	098365E	144
Secondary Teaching - Biology and Human Biology	Bachelor of Education (Secondary Teaching)	4	70	MUEBH	B1368	098365E	144
Secondary Teaching - Chemistry	Bachelor of Education (Secondary Teaching)	4	70	MUECH	B1368	098365E	144
Secondary Teaching - Earth and Environmental Science	Bachelor of Education (Secondary Teaching)	4	70	MUEEE	B1368	098365E	144
Secondary Teaching - English	Bachelor of Education (Secondary Teaching)	4	70	MUEEN	B1368	098365E	144
Secondary Teaching - Geography and Economics	Bachelor of Education (Secondary Teaching)	4	70	MUEGE	B1368	098365E	144
Secondary Teaching - Health and Physical Education	Bachelor of Education (Secondary Teaching)	4	70	MUEPE	B1368	098365E	144
Secondary Teaching - History (HASS)	Bachelor of Education (Secondary Teaching)	4	70	MUEHI	B1368	098365E	144

MAJOR/AREA OF STUDY	DEGREE	DURATION (YEARS)	SELECTION RANK*	TISC CODE	COURSE CODE	CRICOS CODE	PAGE NUMBER
Secondary Teaching - Mathematics	Bachelor of Education (Secondary Teaching)	4	70	MUEMT	B1368	098365E	144
Secondary Teaching - Physics	Bachelor of Education (Secondary Teaching)	4	70	MUEPS	B1368	098365E	144
Secondary Teaching - Politics (HASS)	Bachelor of Education (Secondary Teaching)	4	70	MUEPL	B1368	098365E	144
Sociology	Bachelor of Arts	3	70	MUASO	B1356	079364G	131
Sound	Bachelor of Creative Media	3	70	MUCME	B1343	095510C	70
Sport and Exercise Science	Bachelor of Sport and Exercise Science	3	70	MUSSC	B1348	095513M	95
Strategic Communication	Bachelor of Communication	3	70	MUCOM	B1342	095508G	63
Sustainable Development	Bachelor of Arts	3	70	MUASU	B1356	079364G	132
T							
Terrorism and Counterterrorism Studies	Bachelor of Global Security	3	70	MUGSA	B1363	097990K	134
Theatre and Drama	Bachelor of Arts	3	70	MUATD	B1356	001572M	58
Tourism and Events	Bachelor of Arts	3	70	MUATE	B1356	079340E	133
V							
Veterinary Science	Bachelor of Science/ Doctor of Veterinary Medicine	5	9#	MUSVB (SL) MUSVV (NSL)	B1330	083416M	110
W							
Web Communication**	Bachelor of Communication	3	70	TBC	TBC	N/A	64
White Collar and Corporate Crime	Bachelor of Criminology	3	70	MUCWC	B1345	095504A	50
COMBINED DEGREES							
Bachelor of Commerce/Bachelor of Entrepreneurship and Innovation		4	70	MUCEI	B1364	097993G	158
Bachelor of Creative Media/Bachelor of Communication		4	70	MUCCM	B1344	095512A	159
Bachelor of Criminology/Bachelor of Arts (Psychology)		4	70	MUCAP	B1347	095507J	160
Bachelor of Criminology/Bachelor of Communication		4	70	MUCBC	B1362	096886G	161
Bachelor of Criminology/Bachelor of Global Security		4	70	MUCGS	B1366	097992G	162
Bachelor of Criminology/Bachelor of Science (Forensic Biology and Toxicology)		4	70	MUCBS	B1360	096885G	163
Bachelor of Engineering (Honours)/Bachelor of Commerce (Management)		5	80	MUECM	H1281	0101881	164
Bachelor of Engineering (Honours)/Bachelor of Entrepreneurship and Innovation		5	80	MUEEI	H1282	0101882	166
Bachelor of Laws/Bachelor of Arts		5	90	MULBA	B1370	008281K	167
Bachelor of Laws/Bachelor of Arts (Psychology)		5	90	MULAP	B1354	096882M	168
Bachelor of Laws/Bachelor of Business		5	90	MULBB	B1369	084237F	169
Bachelor of Laws/Bachelor of Commerce		5	90	MULBC	B1371	099497G	169
Bachelor of Laws/Bachelor of Communication		5	90	MULCM	B1353	096884J	170
Bachelor of Laws/Bachelor of Criminology		5	90	MULCR	B1346	095505M	171
Bachelor of Laws/Bachelor of Global Security		5	90	MULGS	B1365	097991J	172
Bachelor of Laws/Bachelor of Science		5	90	MULBS	B1324	010222C	173
Bachelor of Laws/Bachelor of Science (Psychology)		5	90	MULSP	B1355	096883K	174
Bachelor of Science (Agricultural Sciences)/Bachelor of Commerce		4	70	MUCSC	B1377	N/A	176
Bachelor of Sport and Exercise Science/Bachelor of Science (Psychology)		4	70	MUSSP	B1352	096789G	178

Table notes:
**Minimum Selection Rank required for consideration, **This major/degree is subject to approval for 2021, #Minimum ATAR required for consideration, SL = School Leaver, NSL = Non School Leaver, P = Perth campus, M = Mandurah campus*

Apply now

START HERE

Find a course 1

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 if you apply through TISC or direct to Murdoch University.

Check the entry requirements 2

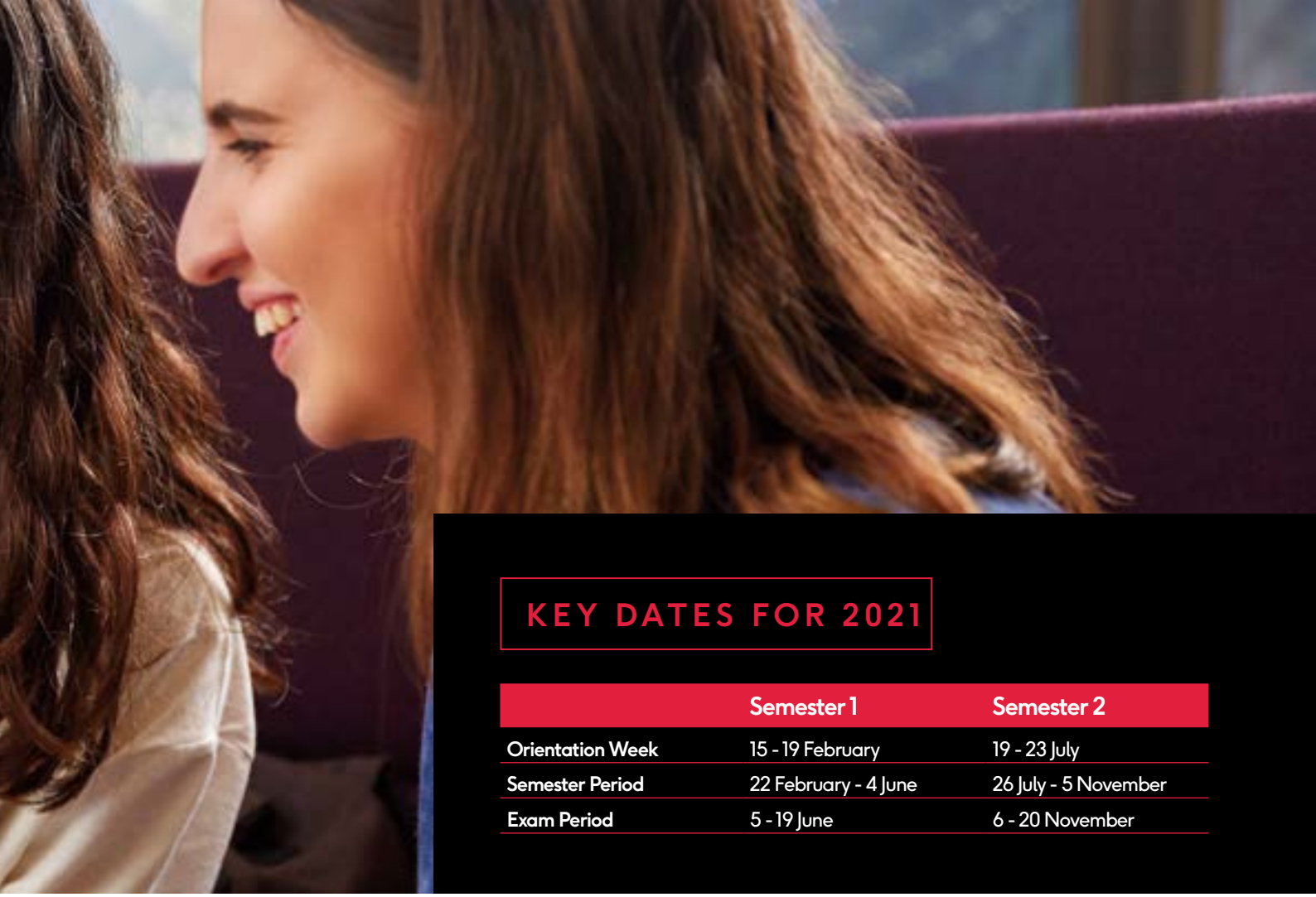
Entry to most of our courses are assessed on your selection rank, so it's important to check if you are eligible for direct entry, or if you will need to apply through another pathway.

Find out the entry requirements for your course at murdoch.edu.au/courses

Find out about Murdoch admission pathways at murdoch.edu.au/admissionpathways

Explore scholarship options 3

Explore all Murdoch scholarships and find out what you may be eligible for on page 19 or head to murdoch.edu.au/Scholarships



KEY DATES FOR 2021

	Semester 1	Semester 2
Orientation Week	15 - 19 February	19 - 23 July
Semester Period	22 February - 4 June	26 July - 5 November
Exam Period	5 - 19 June	6 - 20 November

Get a taste of Murdoch 4

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

Apply 5

High School Leaver

Which semester will you begin your course?

Semester 1
(Commencing in February)

→ Apply through TISC. Applications open in August and are due at the end of September.

Semester 2
(Commencing in July)

→ Apply to Murdoch directly at myadmission.murdoch.edu.au Applications for most courses close second week of semester.

Non-High School Leaver

For Semester 1 and 2 applications, apply directly to Murdoch at myadmission.murdoch.edu.au

Offers 6

When you receive your offer, you'll be given instructions on how to accept your place and how to start your journey with Murdoch.

First round offers are released late December, with second round offers available in late January.

Contact

90 South Street,
Murdoch WA 6150

Telephone: 1300 687 3624

Email: study@murdoch.edu.au

facebook.com/murdochuniversity

instagram.com/murdochuniversity

twitter.com/murdochuni

linkedin.com/school/murdoch-university

murdochuniv

Murdoch University

Disclaimer: The information contained in this publication was correct as at March 2020, 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. © 2020 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 | MCO0004753 04/20