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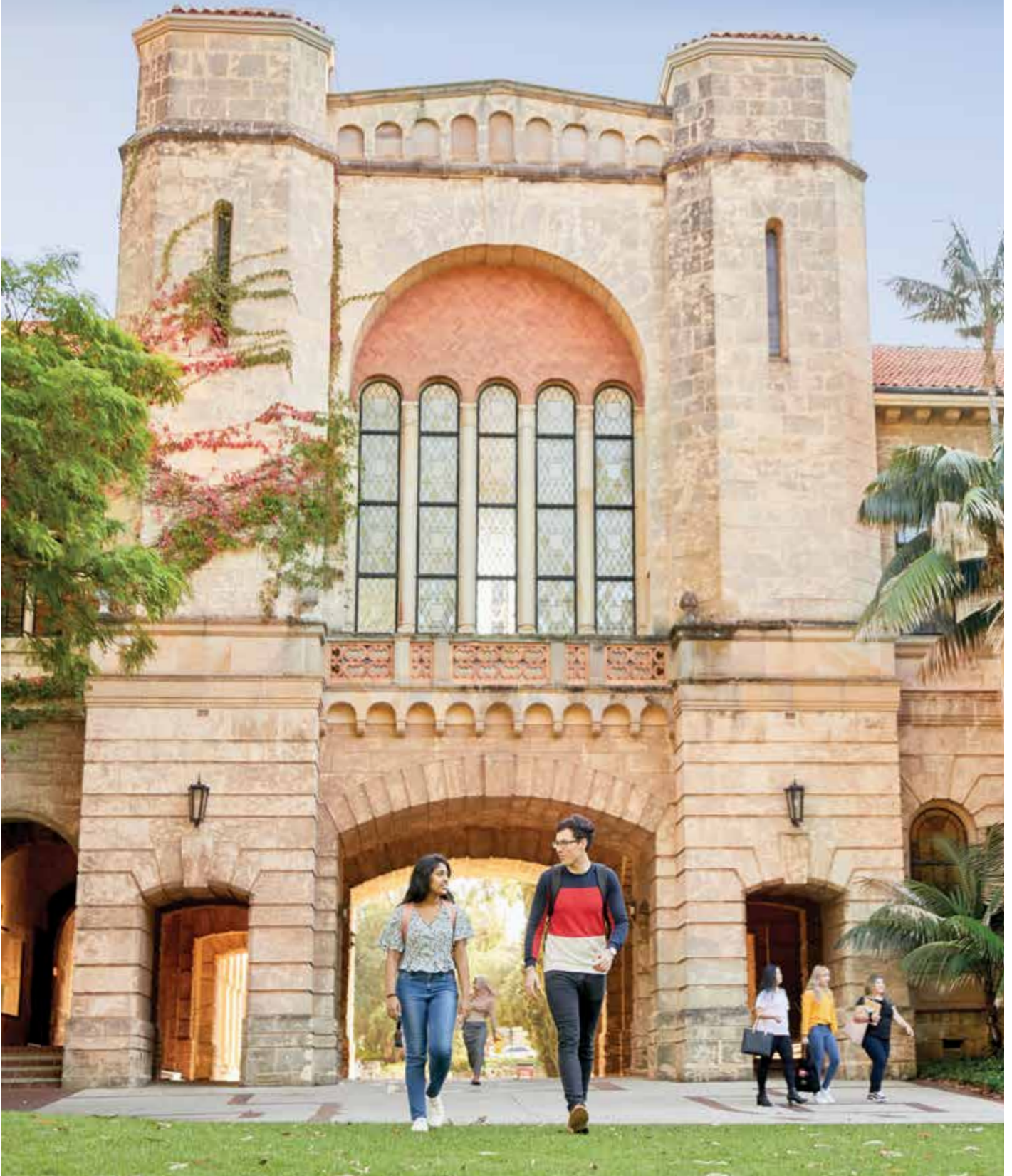
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THE UNIVERSITY OF  
**WESTERN**  
**AUSTRALIA**

# 2020–2021 UNDERGRADUATE COURSE GUIDE INTERNATIONAL





# Welcome to our community



“The University of Western Australia believes in preparing our graduates to be the change-makers in society. Our high-quality courses and unique course structure will equip you with the multidisciplinary skills needed to succeed and transform the world in which we live, improving the lives of others and the communities we serve.

I welcome you to our community and invite you on an exciting journey to turn your ambitions into reality.”

– Professor Dawn Freshwater, Vice-Chancellor

### ACKNOWLEDGEMENT

The University of Western Australia acknowledges that it is situated on Noongar land and that Noongar people remain the spiritual and cultural custodians of their land and continue to practise their values, languages, beliefs and knowledge.

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## Our global reputation

Study at an internationally recognised university

Ranked in the world's Top  
**100**  
**1<sup>st</sup>** in Western Australia  
(ARWU 2018)



Well-established industry partnerships  
67% of all majors at UWA incorporate a work-integrated learning component  
(Universities Australia, 2018)



**Globally recognised course structure**  
aligned with leading European, Asian and North American universities



UWA is a member of the **Group of Eight** – a coalition of the best research-intensive universities in Australia

Ranked in the world's **TOP 50**

- Agriculture and Forestry
- Anatomy and Physiology
- Civil and Structural Engineering
- Earth and Marine Science
- Mineral and Mining Engineering
- Psychology
- Sports-related subjects (QS 2019)
- Biological Science
- Clinical Medicine
- Ecology
- Public Health
- Environmental Science and Engineering
- Marine/Ocean Engineering
- Mining and Mineral Engineering
- Agricultural Sciences
- Oceanography (ARWU 2018)

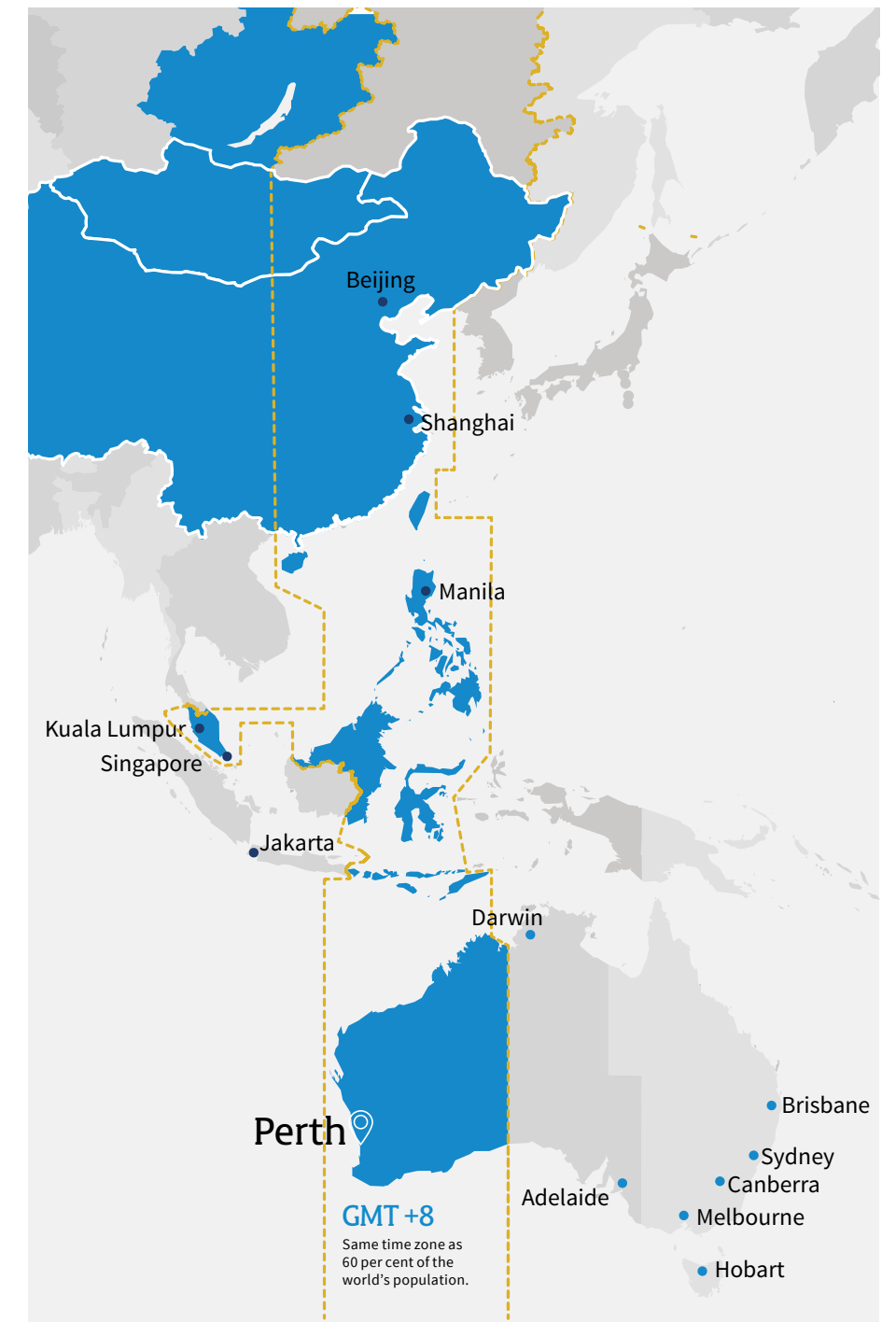


## Life in Perth

Perth is Australia's fourth-largest city and capital of the thriving state of Western Australia. Consistently voted one of the most liveable cities in the world by the Economist Intelligence Unit, the city offers an inspiring study environment with sunny weather, a relaxed outdoor lifestyle and beautiful natural scenery.

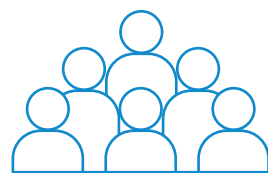
Perth holds international appeal for its safety, strong cultural diversity and urban sophistication. The city's cultural scene offers an array of activities, with plenty of festivals, eateries, modern bars and weekend markets adding flavour to the city and its suburbs.

[study.uwa.edu.au/perth](http://study.uwa.edu.au/perth)



## Cultural diversity

More than **200** different nationalities live, work and study in WA, speaking more than **170** languages



Perth's population

**2.6** million

**Complete**  
religious freedom

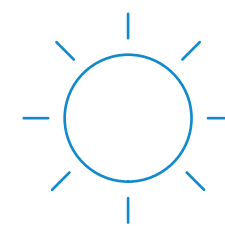


Language

**English**

**Democratic**  
government  
(Westminster system)

**FREE WiFi**   
in Perth city



**Weather**

Summer 18–32°C  
Autumn 13–26°C  
Winter 9–18°C  
Spring 11–23°C



**Direct**  
flights to

Jakarta 4.5 hours  
Singapore 5.5 hours  
Kuala Lumpur 6 hours  
Guangzhou 8 hours  
Hong Kong 8 hours  
London 17 hours



**One of Australia's**  
most affordable  
capital cities

*(Worldwide Cost of Living Survey 2018,  
Economist Intelligence Unit)*

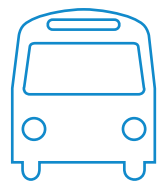




## UWA's location

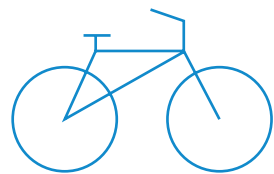
### Transport discounts

International students receive a government-sponsored 40 per cent discount on all public transport. Free buses operate around Perth city.



**5km**

**to Perth city**  
(11 minutes by car,  
20 minutes by bus)



**4.2km**

**to Elizabeth Quay**  
(7 minutes by car,  
19 minutes by bicycle)



**6.3km**

**to Cottesloe Beach**  
(11 minutes by car,  
23 minutes by bus)



**1.2km**

**to Kings Park and  
Botanic Garden**  
(16 minutes walking)



**22km**

**to Perth International  
Airport** (30 minutes by car)





## A unique campus

Located by the Swan River and only minutes from Perth's city centre, UWA is often described as one of Australia's most picturesque campuses.



→ Enjoy the scenery of Matilda Bay and take part in kayaking, rowing or sailing on the Swan River.



- ← Socialise with friends at one of the many cafés.
- Enjoy an outdoor cinema experience at UWA's Somerville Auditorium.



- ← Relax in heritage-listed gardens and open courtyards.
- ↓ Try different cuisines at Guild Village, located on campus.



### UWA Claremont

Just a few minutes from the main Perth campus is the University's historic Claremont campus, which is home to the UWA Centre for English Language Teaching (UWA CELT) and Taylors College, which provides foundation courses for international students.



- ↗ Experience the atmosphere at Guild Village, home to shops, food outlets, a medical centre, hairdresser, bank and other student amenities.
- ← Discover the Cultural Precinct, UWA's cultural hub that supports music, theatre, dance, literature and art exhibition programs.



### UWA Albany

UWA has a high-tech education centre in the southwest town of Western Australia – a five-hour drive from Perth. Here you can experience all that regional WA has to offer while studying at university.

[albany.uwa.edu.au](http://albany.uwa.edu.au)



## UWA student life

Get involved in UWA's vibrant student life

Check out what our current students get up to:

 uwastudents  uwa\_students  uwastudents  uwastudents  uwastudents

### UWA Student Guild

Student life at UWA is dynamic, with social activities on campus organised by the representative student organisation, the UWA Student Guild.

With a reputation for being one of the most active in Australia, the Guild runs more than 150 clubs and societies that cover a range of interest areas, from anime to zoology. These groups have about 15,000 members between them and organise hundreds of events each year, spanning balls, festivals, workshops, networking opportunities, competitions and more.

The Guild also provides student representation, with staff on hand to give extra support to you on academic, financial or welfare matters affecting your study. The free Guild membership entitles students to great discounts on campus and at restaurants, shops, activities and services around Perth.

[uwastudentguild.com](http://uwastudentguild.com)

The International Students' Service (ISS) is part of the Student Guild and looks after the welfare of international students studying at the University. ISS also puts on social and educational activities such as a trip to Rottnest and Spring Feast.

[facebook.com/UWAIInternationalStudentsService](https://facebook.com/UWAIInternationalStudentsService)

### The Guild Village

The Guild Village is a hive of activity, and houses shops, food outlets, a medical centre, dentist, bank and other useful student amenities such as the Guild second-hand bookshop (where you can buy SmartRider reduced-cost travel passes). A regular marketplace that's held in the Guild Village is the place to buy inexpensive, locally made clothes, jewellery and more.

### Leisure and recreation

#### The Cultural Precinct

The Cultural Precinct is UWA's cultural hub, supporting the music, theatre, dance, literature and exhibition programs on campus.

- Be inspired by art at the Lawrence Wilson Art Gallery
- Discover sculptures around campus
- Be moved by a free lunchtime concert at the Conservatorium of Music
- Read a new book from UWA Publishing
- Learn more about Indigenous culture through the Berndt Museum Collection
- Book performances at the Octagon and Dolphin theatres

The Cultural Precinct also supports broader arts and cultural events that take place throughout the year, including collaborations with the Perth Festival.

[culturalprecinct.uwa.edu.au](http://culturalprecinct.uwa.edu.au)

### UWA Sport

At The University of Western Australia sport plays a central role in the lives of students and promotes a healthy campus culture. Whether you're training for a gold medal or looking for a spin, dance or Pilates class, UWA Sport offers programs and membership options to suit everyone.

Becoming a Fitness Centre member gives you access to more than 50 group fitness classes a week, state-of-the-art equipment, multiple training zones, qualified instructors and free tickets to our popular training, health, fitness and wellbeing Masterclasses.

Up for some healthy competition? You can join our interfaculty, intercollege or social competitions, or represent one of our 27 sport clubs, catering for all skill levels from amateur to elite.

If you'd like to try something new, sign up for our Recreate Short Courses. With everything from salsa to surfing, trips to Rottnest and self-defence classes, there really is something for everyone.

We also support our elite athletes in their academic and sporting pursuits through the Student Athlete Development Program.

[sport.uwa.edu.au](http://sport.uwa.edu.au)



Learn a new sport or join a team with UWA Sport



Join one of 150+ clubs and societies



Live in one of 5 colleges close to campus



Experience art and culture UWA is the founder of the Perth Festival





# Facilities

UWA brings together heritage architecture and state-of-the-art teaching and research facilities to provide you with an ideal learning environment.

As a student, you can enjoy a range of recreational amenities and modern facilities, including lecture and performance theatres, tutorial spaces, studios, laboratories and more, which ensure you feel inspired to pursue your personal interests and career goals while studying.



## Indian Ocean Marine Research Centre (IOMRC)

UWA houses IOMRC, the largest marine research capability in the Indian Ocean Rim – a multimillion-dollar facility that will enable Australia to expand international research.



## J Robin Warren Library

Named after Professor (John) Robin Warren, co-recipient of the Nobel Prize for Medicine in 2005 along with Professor Barry J Marshall, this facility is a state-of-the-art hub where researchers, students and medical practitioners can collaborate, expand their knowledge and enhance research and teaching excellence in Western Australia.

## Oral Health Centre of WA

In partnership with the Western Australian Government, UWA has an oral health centre that offers students the most modern teaching and clinical services available.

## Barry J Marshall Library

This library is UWA's hub for science students and researchers. Named after the University's Nobel Prize-winning professor, it has soundproofed study rooms, multimedia suites and a café on site.

## Bayliss Building

Home to the School of Molecular Sciences, this five-storey building is a thriving centre for world-class research, with advanced labs on every level. It's also the largest building on the UWA campus and features an impressive DNA double-helix design.

## Clinical Training and Education Centre (CTEC)

CTEC is Australia's premier medical and surgical skills training centre and one of the most advanced medical technology complexes in the world. Students are taught in the interactive hospital-style setting using cutting-edge simulations.

## Reid Library

With more than a million books, UWA's Reid Library is the largest academic library in Western Australia. If you can't find what you're looking for here, there are several specialist-subject libraries around campus, including law, music, medical and dental, and more.

## Rosemarie Nathanson Financial Markets Trading Room

As Australia's largest university trading room, this award-winning facility gives students access to more than 400 global markets and features 50 financial terminals, 160 monitors and access to markets, newsfeeds and even tweets in order to demonstrate and explore how these interact and affect prices.

## IQX

Launched in March 2018, IQX is Western Australia's most exciting new innovation and co-working space, powered by the UWA Innovation Quarter and Business Foundations. IQX offers special access to UWA graduate and alumni-owned enterprises.

## Opening 2020

### EZONE UWA

Featuring a network of flexible teaching, research and industry-engagement spaces, EZONE UWA Student Hub is designed to deliver outstanding graduates and innovative solutions in the fields of engineering and mathematical sciences.

EZONE UWA Student Hub will provide students with an unparalleled learning experience, embrace new teaching and interactive learning models, support our researchers to uncover solutions to the world's greatest challenges, and create a vibrant, innovative space for industry, community and alumni engagement. It is expected to open to students in Semester 1, 2020.

[ezone.uwa.edu.au](http://ezone.uwa.edu.au)

### School of Indigenous Studies

A brand-new, purpose-built facility for students and staff is in the works for the School of Indigenous Studies. First established on campus in 1988 as the Centre for Aboriginal Programs, increased enrolments over the past decade have caused the School to outgrow its current accommodation in Shenton House.

Planning is now under way for a new building in the southern precinct of the UWA Perth campus, overlooking Matilda Bay. Once complete, the facility will assist in achieving the School's aim to achieve excellence and equity in all aspects of higher education for Aboriginal and Torres Strait Islander people.



## What qualities do employers look for?\*

Employers look for key qualities when hiring a candidate. At UWA, we provide a breadth of opportunities for you to develop your soft skills, which are necessary to succeed in the workplace.



### Interpersonal communication skills

These are the skills you demonstrate when communicating and interacting with other people. When employers are hiring, these skills are among the top criteria used to evaluate candidates.



### Passion

Passion relates to your eagerness to learn about your industry, your positive attitude towards your work, how much drive you have, and demonstrating your commitment to your company's values.



### Logical and technical skills

Your logical skills form your ability to think critically and analyse and solve problems. Technical skills are the abilities and knowledge you need to perform a specific task.



### Academic results

Your academic performance while at university demonstrates your level of knowledge in your chosen field of study.



### Work experience

Gaining experience in a workplace allows you to put into practice the knowledge you gain at university and develops your teamwork and communication skills.



### Cultural alignment/values fit

Your personality is a big part of whether you are hired for a position. Employers are looking for a candidate who will fit in with their teams and contribute to a positive working culture.



### Emotional intelligence

Emotional intelligence is how you manage your emotions; in a workplace this could be how well you work in stressful situations. It also refers to your confidence, motivation and self-awareness.



### Teamwork skills

These are the skills you bring to a team, and include communicating effectively, listening and providing constructive feedback, conflict resolution and problem-solving, and being respectful, trustworthy and supportive.



### Activities

Being actively engaged with extracurricular activities is a good way to get noticed by employers. This includes being involved with clubs and societies, participating in volunteer work, travelling overseas or taking up hobbies.



### Leadership skills

Demonstrating leadership skills involves using your initiative. This could mean a range of activities such as being involved with the Student Guild, being a team leader in a workplace or team environment, mentoring other students or volunteering your time.

\*Data: Graduate Careers Australia. Graduate Outlook 2015. The Report of the 2015 Graduate Outlook Survey: Perspectives on Graduate Recruitment.

## Getting career-ready

In addition to studying, it's important to maximise networking opportunities and develop your employability skills during your time at university. From providing career advice to developing your professional experience, we have a range of services to help you achieve your career goals.

### Ask for career advice

#### UWA Careers Centre

The Careers Centre provides a range of services to develop your skills and build self-awareness of work interests and preferences, decision making and career planning. If you're unsure of your career direction, our online program New Directions provides you with a printable report to help you with your career path. Once this is completed, a follow-up session may be booked with our professionally qualified Career Development Consultants.

**careers.uwa.edu.au**



### Develop your employability skills

#### UniMentor

UniMentor is a voluntary leadership role, assisting new students to settle in to UWA and Perth. Being a Mentor is a great way to meet people and give back to the UWA community. You'll develop your time management, communication and interpersonal skills – qualities that are highly regarded by prospective employers.

**unimmentor.uwa.edu.au**



### LinkedIn Learning

UWA students have free, unlimited access to LinkedIn Learning, a global platform for developing professional skills and employability. It is designed to supplement your studies or help you achieve a personal goal; you can pick and choose what is relevant to you, or watch a full course.



### UWA Careers and Employability Award

The UWA Careers and Employability Award program recognises the activities and hands-on learning participating students undertake. On completion of the program, the award will automatically appear on your supplementary transcript at graduation.



### Gain work experience

#### Internships and vacation programs

These provide formal supported opportunities to experience a workplace and develop your technical and soft skills, helping you understand workplace culture and dynamics.



### Meet employers

#### Careers Fair

As well as regular employer recruitment seminars, the Careers Fair is an opportunity to find roles in organisations and gain an insight into what employers look for in graduates. This on-campus event is open to UWA students and recent graduates.



### Careers Boot Camp

This event provides access to industry professionals and alumni and helps you create your own brand to stand out from the crowd. You'll gain access to resources and tools, attend workshops and participate in hands-on activities.



### Use available resources

#### CareerHub

Access industry-aligned resources, plus employment, volunteering, networking and skills-development opportunities to assist with your career journey.



### Preparing you for work

The Careers Centre offers a range of employability workshops, resources and online career tools including the the Big Interview, which is designed for you to practise your interview skills.

**uwa.biginterview.com**



### Social Media Networking

Use your social networking skills for career development, depending on which platform is most frequently used in your chosen industry. The Careers Centre runs regular LinkedIn workshops throughout the year and you can even get your LinkedIn photo taken for free.



### Helpful links

**careers.uwa.edu.au**  
**careers.uwa.edu.au/wil**  
**goodeducation.com.au**  
**graduateopportunities.com**  
**myfuture.edu.au**



## Connecting you to industry

At UWA you'll not only study towards a degree, you'll also have the opportunity to gain valuable experience for your future career.

For some degrees, such as medicine, engineering and architecture, you'll be required to complete professional placements, but we also provide the chance for you to gain work experience even if your qualification doesn't call for it.

We have strong partnerships with a range of organisations to provide you with practical, real-world experiences, in addition to valuable professional networking opportunities. This hands-on learning approach is highly valued by employers and ensures you're career-ready. These partnerships enable you to take part in a number of activities, including:

### Internships for credit

Placements or internships are arranged as part of your degree. They're usually one day a week in a supervised workplace or full-time over the winter and summer breaks, run between 80 to 100 hours in total and can be anything from getting a feel for a legitimate working environment to participating in live projects. These practicums are available through Arts, Commerce and Science degrees.

[careers.uwa.edu.au/wil](https://careers.uwa.edu.au/wil)

### Not-for-credit work experience

If your degree doesn't award credit for work experience, you can still take advantage of our network of industry connections to find uncredited placements, usually as internships or holiday work, for a set number of hours.

[careers.uwa.edu.au/wil/students](https://careers.uwa.edu.au/wil/students)

### A community of entrepreneurs

Bloom provides young entrepreneurs mentorship, skill-focused events and an open working space where they can flourish. UWA is proud to be a Gold Member of Bloom.

[bloom.org.au](https://bloom.org.au)

### Mentoring

The Career Mentor Link program connects you with an industry professional for one-on-one advice and helps develop your skills so you can transition smoothly from university into the workplace.

[careers.uwa.edu.au/cml](https://careers.uwa.edu.au/cml)

### Service learning units

These units are another way to gain experience and they involve unpaid work with not-for-profit, community or government services. Some can earn you academic credit as well as the chance to put your degree skills to use.

The McCusker Centre for Citizenship provides this kind of learning. Established in 2015, it offers all UWA students structured, quality internships with not-for-profit, community and government organisations locally, regionally and globally. Students will be matched based on their application and the internship opportunities available, and you can gain academic credit.

[mccuskercentre.uwa.edu.au](https://mccuskercentre.uwa.edu.au)

### Guild Volunteering

Guild Volunteering gets you off campus and into the real world to start making a difference. Broaden your mind, meet new people and develop skills in an area you're interested in. You may also find that some volunteering is eligible for your supplementary academic transcript.

[volunteering.guild.uwa.edu.au](https://volunteering.guild.uwa.edu.au)

### Work placements for professional accreditation

These professional practicums enable you to apply theory in practice and develop competencies that will assist in your future career. Successful completion of these practicums is required in order for you to graduate.

### IQ Academy

IQ Academy is a free six-week innovation experience that provides the enterprise skills to create your own job or accelerate your entry into full-time work by 17 months.

IQ Academy is for students across all disciplines who want to develop their own new idea, or join a team to work on someone else's.

[innovation.uwa.edu.au/iq-academy](https://innovation.uwa.edu.au/iq-academy)

*"As part of my degree I got the opportunity to do an internship with UWA's Wave Energy Centre. That experience was great since I was exposed to real-world problems outside of the classroom! I also got several opportunities to attend conferences and meet professionals in the field, which will be invaluable for my future."*

Varsha Gunness  
Master of Professional Engineering  
(Environmental Engineering)





## Supporting you

### Starting your journey

Moving to a new place is both an exciting and daunting experience. We are here to help make your journey to Perth as smooth as possible. Find out more about student visas, health requirements, bringing your family, and airport pickup services.

[study.uwa.edu.au/moving-to-perth](http://study.uwa.edu.au/moving-to-perth)

### Here to help

The **International Student Support** team provides a range of services to international students with the aim of making them comfortable in a new study and living environment. They are available to assist with any issues and concerns relating to your welfare throughout your studies at UWA. Contact them at [help-international@uwa.edu.au](mailto:help-international@uwa.edu.au).

Through comprehensive orientation activities, **Transition Services** assists all undergraduate and postgraduate students with their transition to university life. Our Student Transition Advisers are key points of contact for students seeking information and help during their transition. Staff are available to assist students with timetable issues and first-level course advice, and can direct students to the right supports to help with their transition.

[transition.uwa.edu.au](http://transition.uwa.edu.au)

The **ConnectMe@UWA** program provides comprehensive transition support to commencing international students by matching them with a UniMentor prior to their arrival at UWA, and engaging them through social activities and excursions.

[student.uwa.edu.au/new/connectme@uwa](http://student.uwa.edu.au/new/connectme@uwa)

All commencing undergraduate and postgraduate students have the opportunity to be matched with a **UniMentor** during orientation. UniMentors help new students to settle into uni life and become familiar with their surroundings.

[unimentor.uwa.edu.au](http://unimentor.uwa.edu.au)

**STUDYSmarter** is a free academic advice and support service offering support and resources for all undergraduate and postgraduate students at UWA. Staff can help you develop the writing, research, English language, maths and stats skills you need to excel in your university studies.

[studysmarter.uwa.edu.au](http://studysmarter.uwa.edu.au)

### Health and wellbeing

If you have a disability, medical or mental-health condition that affects your ability to study, the **UniAccess** team can assist you according to your individual needs. Services include alternative exam arrangements, establishing reasonable adjustments that you may need due to your medical condition/disability, library resource rooms, and individual assistance with orientation and access. All services are free.

[uniaccess.uwa.edu.au](http://uniaccess.uwa.edu.au)

Located on the second floor of the Guild Village, UWA's **Medical Centre** provides convenient, confidential and comprehensive medical care to students and staff of the University. International students with Allianz or Medibank cards are directly billed to their insurance companies.

[study.uwa.edu.au/international-health](http://study.uwa.edu.au/international-health)



Counselling is available for students with academic or personal concerns. Psychologists with our service understand the issues faced by university students and offer free confidential counselling. Seeking assistance earlier can help reduce the likelihood of your concerns having an impact on your academic success and overall sense of wellbeing.

[counselling.uwa.edu.au](http://counselling.uwa.edu.au)

For students with family commitments, the **UWA Early Learning Centre** can provide either part-time or full-time day care for children aged from six weeks to five years.

[childcare.uwa.edu.au](http://childcare.uwa.edu.au)

There are Christian and Muslim Chaplains who are committed to supporting you in the multifaith environment of UWA. They are available to help staff and students connect with what they need, whether religious or not.

[spirituallife.uwa.edu.au](http://spirituallife.uwa.edu.au)

## Scholarships

We offer a number of undergraduate degree scholarships to encourage international students to achieve excellence in their studies and to support them financially.

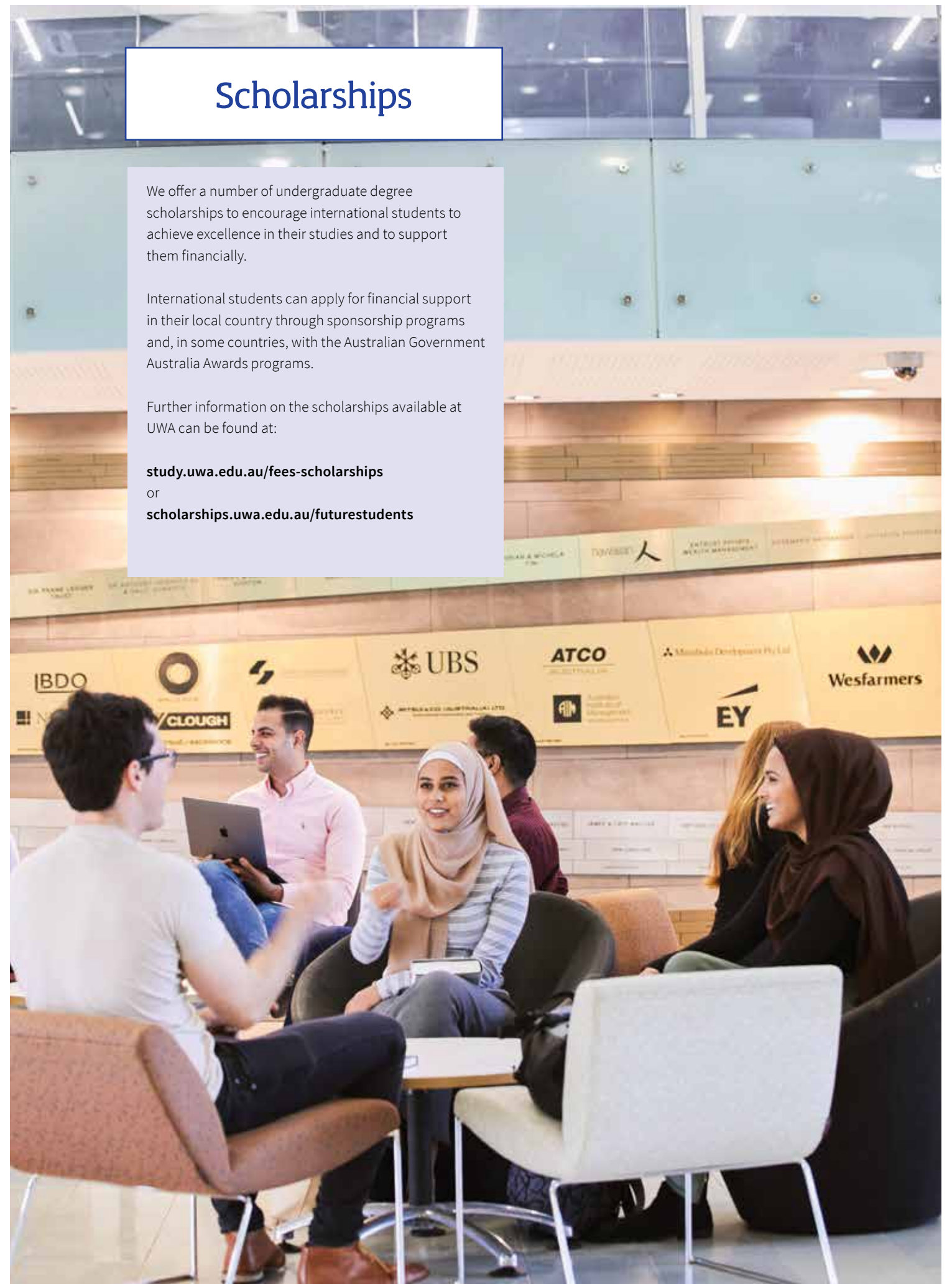
International students can apply for financial support in their local country through sponsorship programs and, in some countries, with the Australian Government Australia Awards programs.

Further information on the scholarships available at UWA can be found at:

[study.uwa.edu.au/fees-scholarships](http://study.uwa.edu.au/fees-scholarships)

or

[scholarships.uwa.edu.au/futurestudents](http://scholarships.uwa.edu.au/futurestudents)





# Money matters

Compared to other major cities around the world, living and studying in Perth is a smart decision for international students.

One of Australia’s most affordable capital cities

Perth is more affordable than Adelaide, Brisbane, Melbourne and Sydney, according to the Economist Intelligence Unit’s *Worldwide Cost of Living Survey 2018*.

[study.uwa.edu.au/cost-of-living](http://study.uwa.edu.au/cost-of-living)



## Cost of living

The annual cost of living in Perth depends on your lifestyle and the type of accommodation you choose, however AUD\$450–\$600 per week is generally sufficient for most single students to live comfortably (this does not include tuition fees or medical cover). Consider extra funds to cover various items such as airfares and textbooks. There may also be ancillary fees applicable to your course.

## Working in Australia as an international student

Under the terms of a student visa, once an international student has commenced their course, they may work up to 40 hours per fortnight while their course is in session, and unlimited hours during scheduled course breaks.

[border.gov.au](http://border.gov.au)

## Student Services and Amenities Fee (SSAF)

The UWA Student Services and Amenities Fee (SSAF) is a compulsory fee that directly benefits all UWA students. The fee is used to develop and provide a range of recreational facilities together with social, education and representation activities and services.

[study.uwa.edu.au/fees-scholarships](http://study.uwa.edu.au/fees-scholarships)

## Overseas Student Health Cover (OSHC)

The Department of Immigration and Border Protection requires international students applying for a student visa to have Overseas Student Health Cover (OSHC) for the entire duration of their student visa.

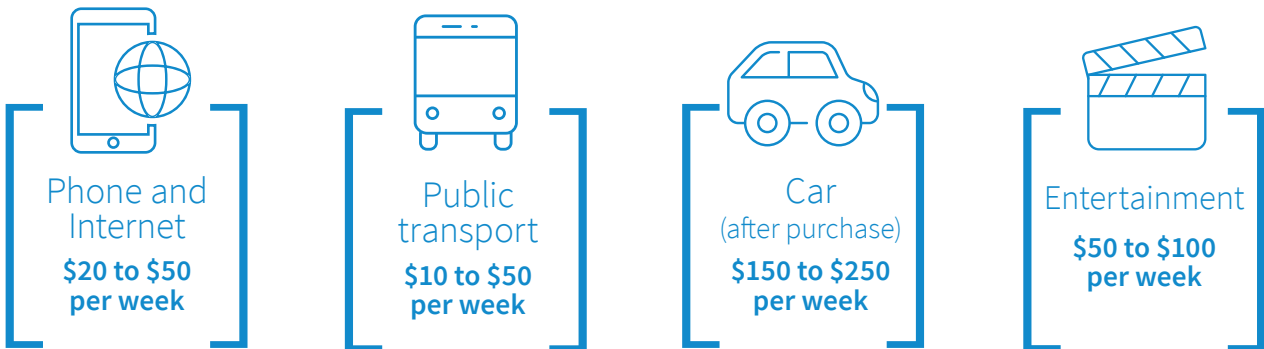
This is not applicable to students from Norway and Sweden, who are covered under a separate arrangement.

OSHC is offered by a number of providers. You may obtain OSHC from the provider of your choice.

[study.uwa.edu.au/international/health](http://study.uwa.edu.au/international/health)

The University of Western Australia has a ‘preferred provider’ agreement with Allianz Global Assistance. On acceptance and payment of your offer, UWA will arrange health cover with Allianz Global Assistance for the duration of your student visa.

For information on the University’s agreement with Allianz Global Assistance, refer to [study.uwa.edu.au/international/health](http://study.uwa.edu.au/international/health).





# Accommodation at UWA

We understand how important it is to find good-quality accommodation close to the UWA campus. There are many options available to suit your individual needs, and guaranteed accommodation is offered to all new full-time students. For details, visit [study.uwa.edu.au/student-life/accommodation/guaranteed-accommodation](https://study.uwa.edu.au/student-life/accommodation/guaranteed-accommodation)

## Living on campus

UWA's five residential colleges – University Hall, St Catherine's College, St George's College, St Thomas More College and Trinity Residential College – provide more than just a room. Each offers a world-class living and learning environment only a few minutes away from campus. Make lifelong friends from across Australia and around the globe, and enjoy a lifestyle that includes meals, internet, all your utilities and academic support, as well as social, cultural and sporting activities and programs.

You can apply up to 12 months before you want to live on campus. There is no deadline, but we recommend applying as early as possible – you don't have to wait until you receive an offer from UWA.  
[uwa.edu.au/colleges](https://uwa.edu.au/colleges)

## How to apply

- 1. Research the college websites to decide which suits you best.
- 2. Complete and submit your application via the online portal at [livingoncampus.uwa.edu.au](https://livingoncampus.uwa.edu.au).
- 3. You will be contacted directly by your first-preference college within two weeks.

Overview of 2019 residential college fees and charges <sup>1</sup>					
	St Catherine's College	St George's College	St Thomas More College <sup>2</sup>	Trinity Residential College	University Hall <sup>2</sup>
Weekly fee <sup>2</sup>	AUD\$480 <sup>4</sup>	AUD\$490 <sup>4</sup>	AUD\$380	AUD\$455	AUD\$365
Standard year fee <sup>3</sup>	AUD\$19,200	AUD\$19,450	AUD\$14,820	AUD\$18,200	AUD\$14,600
Number of beds	430	225	400	350	750

(1) The fees overview should be read in conjunction with each college's fee schedule. Prices quoted are based on 2019 standard single room rates; additional room types are also available. Weekly fees vary depending on the room type, length of stay and additional inclusions. Fees for 2020 will be available late 2019; check the individual college websites for the latest and most comprehensive information.

(2) The weekly fee includes 14 meals per week for University Hall, and 16 meals per week for St Thomas More College. Meal packages can be upgraded at an additional cost. All other colleges' rates are inclusive of 21 meals per week.

(3) Standard yearly fee includes accommodation, meals, utilities, cleaning, access to communal college facilities, plus a variety of programs and activities offered throughout the year. Other upfront fees may apply, depending on the college or room type allocated. Refer to the individual college websites for full fee schedules.

(4) Limited shared-room options are also available at St Catherine's College and St George's College on request, subject to availability.



## Living off campus

UWA owns and manages a group of houses, units and studio apartments, collectively known as Crawley Village. They are available for UWA students to rent, and are offered either unfurnished or with partial furnishings.

Properties are located within walking distance of the UWA campus, shops, cafés and restaurants, banks and other amenities, and are ideally suited to postgraduate students or students with families.

You can rent an apartment, unit or house on your own or you can share with others. Whether you choose to rent a UWA-owned property or one that is privately or commercially listed, please note that you take full responsibility for the property and sign a rental contract.

As a guide, the average cost of renting or leasing an unfurnished one- or two-bedroom unit close to UWA is between AUD\$265 and AUD\$500 per week. There are also upfront costs to consider, such as a bond or security deposit, and utility connection fees. Other costs, such as electricity and/or gas, telephone and food, are usually not included in the weekly rent.

[accommodation.uwa.edu.au/off-campus](https://accommodation.uwa.edu.au/off-campus)

## UWA Housing Database

UWA Accommodation provides an online housing database for students. International students who have been offered a place at UWA, but have not yet enrolled, can still create an account and access the database, which includes listings by UWA students or staff members who have a vacant property or room available to rent.

[accommodation.uwa.edu.au/housing-database](https://accommodation.uwa.edu.au/housing-database)

## Perth City student accommodation

Students wishing to live closer to Perth City have two new purpose-built student accommodation options, endorsed by UWA. **Campus Perth** and **The Boulevard** (by The Student Housing Company) offer a wide range of private and shared room options; you'll also have access to a variety of social spaces and on-site support. Both are located in Northbridge, Perth's vibrant social and cultural precinct, and close to public transport.

[study.uwa.edu.au/cbd-accommodation](https://study.uwa.edu.au/cbd-accommodation)

## Living on campus

[uwa.edu.au/colleges](https://uwa.edu.au/colleges)  
Colleges Admissions Office  
**Tel** +61 8 9488 0500  
**Email** [residentialcolleges@uwa.edu.au](mailto:residentialcolleges@uwa.edu.au)

## Living off campus

[accommodation.uwa.edu.au](https://accommodation.uwa.edu.au)  
UWA Accommodation Office  
**Tel** +61 8 9488 0500  
**Email** [accommodation@uwa.edu.au](mailto:accommodation@uwa.edu.au)





# Taking you global

Do you love to travel? As a UWA student you have the opportunity to take your degree further, discovering new cities and experiencing other cultures with the UWA Student Exchange Program.

[study.uwa.edu.au/global](http://study.uwa.edu.au/global)

We offer more than 180 student-exchange partner universities



Gain credit towards your degree while you study



Choose to study overseas for a semester or two, or choose a short-term program

## UK and Ireland



**Jacinta Cowan**  
The University of Leeds,  
West Yorkshire,  
England

*“The highlight of my exchange experience was meeting new people from all over the globe, particularly my group of friends, who I am still in contact with, despite us all living in different parts of the world.*

*The prospect of living out of home for an extended period of time, as well as being away from my friends and family, was both daunting and exciting, but I encourage other students to step out of their comfort zones and test their limits. I achieved a greater sense of independence, improved my communication skills and opened myself up to new opportunities I wouldn’t normally have had the chance to experience at home.”*

### UK and Ireland Partner Universities

#### UNITED KINGDOM

- |                                     |                           |
|-------------------------------------|---------------------------|
| Cardiff University                  | University of Essex       |
| Durham University                   | University of Exeter      |
| Kingston University London          | University of Glasgow     |
| Loughborough University             | University of Leeds       |
| Manchester Business School          | University of Liverpool   |
| Queen Mary University of London     | University of Manchester  |
| Royal Holloway University of London | University of Nottingham  |
| University College London           | University of Sheffield   |
| University of Aberdeen              | University of Southampton |
| University of Bath                  | University of Sussex      |
| University of Bristol               | University of York        |

#### IRELAND

- University College Dublin

## Asia and South Pacific



**Eloise Catlin**  
Yonsei University, Seoul, South Korea

*“Going on exchange to South Korea has been the highlight of my time studying at UWA. I was immersed in an entirely new country and culture for a semester, and it opened my mind to what’s really out there in the world. Meeting friends from all over and going through the exchange experience together was the best part for me. We shared so many memories, from eating tonnes of Korean food, to shopping all over Seoul, going on spontaneous adventures and staying up late playing card games.”*

### Asia-Pacific Partner Universities

#### CHINA, PEOPLE’S REPUBLIC OF

- Beijing Language and Culture University  
China University of Mining and Technology  
Dalian University of Technology  
Fudan University  
Harbin Institute of Technology  
Nanjing Agricultural University  
Nanjing University  
Peking University  
Renmin University  
Shanghai Jiao Tong University  
Tsinghua University  
University of Science and Technology China  
Xiamen University  
Xi’an Jiaotong University  
Zhejiang University

#### HONG KONG

- City University of Hong Kong  
City Polytechnic University  
The Chinese University of Hong Kong  
University of Hong Kong

#### JAPAN

- Akita International University  
Chuo University  
Kansai Gaidai University  
Kobe University  
Kwansei Gakuin University  
Nagoya University  
Oita University  
Okayama University  
Osaka University  
Ritsumeikan Asia Pacific University  
Ritsumeikan University Kyoto  
Sophia University  
Waseda University

#### MALAYSIA

- University of Science Malaysia

#### THAILAND

- Chulalongkorn University

#### SOUTH KOREA

- Korea University  
Pusan National University  
Seoul National University  
Sogang University  
Sungkyunkwan University  
Yonsei University

#### SINGAPORE

- Nanyang Technological University  
National University of Singapore  
Singapore Management University

#### NEW ZEALAND

- University of Otago



# Taking you global

## North and South America



**Nicholas Pritchard**  
The University of Illinois at Urbana-Champaign  
Illinois, United States

*“For me, the personal highlight was experiencing campus culture in a university town. This is a concept not really found anywhere in Australia, so it was very warming to live in a community where everything is aimed at campus life and the student population. Life at UIUC was the quintessential college experience for me: living in a dorm, weekend trips and spring break. But most importantly, wrapped around all these experiences was a newfound group of friends, heralding from every corner of the globe, to share them with. Exchange was a hugely formative experience for me and stands out as a true highlight of my time at UWA.”*

### American Partner Universities

**BRAZIL**  
Pontifical Catholic University of Parana  
Universidade Estadual de Campinas

**CANADA**  
Carleton University  
Dalhousie University  
HEC Montréal  
Laval University  
McGill University  
McMaster University  
Queen’s University  
Simon Fraser University  
University of Alberta  
University of British Columbia  
University of Calgary  
Université of Montréal  
University of Ottawa  
University of Toronto  
University of Waterloo  
University of Western Ontario

**CHILE**  
Pontifica Universidad Catolica De Chile

**MEXICO**  
Universidad Iberoamericana

**URUGUAY**  
Universidad de Montevideo

**US**  
Auburn University  
Bellarmine University  
Boston College  
Colorado State University  
Indiana University  
Iowa State University  
Kansas State University  
Montana State University  
North Carolina State University  
Pacific University  
Presbyterian College  
Purdue University  
State University of New York at Brockport  
University of Alabama at Birmingham  
University of Arizona  
University of Denver  
University of Illinois at Urbana-Champaign  
University of Maryland  
University of Massachusetts Amherst  
University of Montana  
University of New Mexico  
University of Notre Dame du Lac  
University of Pennsylvania  
University of Rochester  
University of South Dakota  
University of Texas at Austin  
University of Vermont  
University of Washington  
University of West Alabama  
Willamette University

## Europe and Middle East



**Brodie Bastian**  
Vrije University, Amsterdam, Netherlands

*“The most rewarding aspect of studying abroad was the life skills I gained. I’m a much more confident and independent person. It’s very liberating to live on your own in a foreign city. Being able to meet people from all over the world was definitely an amazing part of the experience and I’ve made some really good friends along the way.”*

### European Partner Universities

**AUSTRIA**  
University of Vienna  
Vienna University of Economics and Business Administration

**BELGIUM**  
Catholic University of Leuven  
Ghent University

**DENMARK**  
Århus University  
Copenhagen Business School  
Technical University of Denmark  
University of Copenhagen

**FINLAND**  
Aalto University  
University of Helsinki

**FRANCE**  
Burgundy School of Business  
Ecolé Nationale Supérieure d’Architecture Montpellier  
ESC Rennes School of Business  
ESSEC Business School  
Jean Moulin University Lyon 3  
Sciences Po Grenoble  
Sciences Po Lille  
Sciences Po Paris  
Sorbonne University (formerly University of Pierre and Marie Curie)  
Université Grenoble Alpes  
University of Limoges  
University of Strasbourg  
University Sorbonne Nouvelle Paris 3

**GERMANY**  
Albert-Ludwigs University of Freiburg  
Eberhard-Karls University of Tübingen  
Free University of Berlin  
Heinrich Heine University Düsseldorf  
Humboldt University of Berlin  
Ludwig Maximilian University of Munich  
RWTH Aachen  
University of Stuttgart  
WHU Otto Beisheim School of Management

**ITALY**  
Bocconi University  
Catholic University of the Sacred Heart  
Polytechnic University of Milan

**NETHERLANDS**  
Leiden University  
Maastricht University  
Tilburg University  
University College Maastricht  
University of Groningen  
Utrecht University  
Vrije University

**NORWAY**  
Norwegian School of Economics (NHH)  
Norwegian University of Life Sciences (NMBU)  
Norwegian University of Science and Technology (NTNU)  
University of Bergen  
University of Oslo  
University of Stavanger

**SPAIN**  
Autonomous University of Barcelona  
Comillas Pontifical University  
IE University

**SWEDEN**  
Lund University  
Mälardalen University  
Stockholm University  
Uppsala University

**SWITZERLAND**  
University of St Gallen  
University of Zurich

### Middle East Partner Universities

**ISRAEL**  
Tel Aviv University  
The Hebrew University of Jerusalem

\*All partner universities as of 2019





## A world-leading course model

The UWA course model is progressive, personalised and benchmarked against the world’s leading universities.

You can choose from five bachelor’s degrees: Arts, Biomedical Science, Commerce, Science and Philosophy – and you won’t be limited to one major. Our course model means you can major in two areas. Choosing to complete two majors during your three-year bachelor’s degree<sup>1</sup> means you’ll broaden your knowledge across multiple disciplines.

You also don’t need to confirm your major, or majors, until the end of first year, so you can explore your strengths and interests without losing time or money. Once you’ve graduated from your first degree, you can go straight into the workforce or continue on to postgraduate study.

A postgraduate degree gives you advanced knowledge and specialised skills, so you can take your career to the next level and become more attractive to employers. When you complete a postgraduate qualification at UWA, you’ll enter your career with a higher qualification than a double degree. Studying up to two majors in your bachelor’s degree – and raising your expertise to postgraduate level – gives you the qualifications and skills to succeed anywhere in the world.

### Glossary

There are four types of units that make up your degree: core, broadening, complementary and elective. A unit is a subject that you study for one semester.

#### Broadening units

Broadening units add a valuable dimension to your studies and provide you with knowledge beyond the fields in which you choose to specialise. Undertaking broadening units is a requirement of the University’s undergraduate degree course structure.

#### Complementary units

These units go hand-in-hand with your major/s and are designed to give you extra knowledge to help you complete your major.

#### Core units

A core unit is one that must be taken to complete your chosen major. Some majors have set core units while others allow you to choose from a list of core-unit options.

#### Elective units

Also known as ‘free choice’ units, these units give you a great opportunity to explore other areas of interest and expand your knowledge.



**Our Future Students team is here to help.**

**Chat to us online**  
Monday to Friday  
2.30–4.30pm (WST)

**Call us**  
Monday to Friday  
8.30am–5pm (WST)  
+61 8 6488 1000

**Email us**  
international@uwa.edu.au

**ask.uwa.edu.au**

<sup>1</sup> Bachelor of Philosophy (Honours) is a four-year degree.

## Study pathway Choose your degree



Arts



Biomedical  
Science



Commerce



Science



Philosophy

**Choose one or two majors**

Select your core units and additional units

Undergraduate



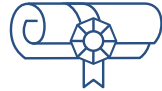
Graduate with an undergraduate degree prior to honours and/or postgraduate study

Honours



High-achieving students may choose to undertake an honours specialisation

Postgraduate



Graduate with advanced knowledge and a higher qualification, making you more attractive to employers

Global career





Our courses are adaptable so you can choose to focus on a specific career, pursue your personal interests or do both.

Tear out this page and bring it along with you when you visit UWA at our on-campus events. We'll be happy to help you plan out your options.

You can choose to complete one or two majors, each of which consists of eight core units. If you choose one major, you will complete 16 additional units. If you choose two majors, you will complete eight additional units. Three types of additional units make up your degree: Broadening, Complementary and Elective. An example of two majors can be found below for Finance and Data Science. For further details, visit [uwa.edu.au/unistart/Prepare/Resources](http://uwa.edu.au/unistart/Prepare/Resources).

YR1	SEM 1	ACCT1101 Financial Accounting	ECON1101 Microeconomics: Prices and Markets	STAT1520 * Economic and Business Statistics	CITS1401^ Computational Thinking with Python
	SEM 2	FINA1221 Introduction to Finance	MGMT1135 Organisational Behaviour	CITS1402^ Relational Database Management Systems	
YR2	SEM 1	FINA2204 Derivative Products and Markets	FINA2207 Business Analysis and Valuation	Elective: CHIN1401* Chinese 1	CITS2401^ Computer Analysis and Visualisation
	SEM 2	FINA2222 Corporate Financial Policy	Elective: BUSN1102* Changing the World: Social Innovation, Finance and Enterprise	CITS2002^ Systems Programming	
YR3	SEM 1	Elective: WILG201^ Professional Experience Practicum	FINA3324 Investment Analysis	CITS3401^ Data Warehousing	CITS3403^ Agile Web Development
	SEM 2	FINA3326 Applied Financial Management	FINA3307 Trading in Securities Markets	CITS3402^ High Performance Computing	
YR1	SEM 1				
	SEM 2				
YR2	SEM 1				
	SEM 2				
YR3	SEM 1				
	SEM 2				

Degree-specific major unit    Complementary unit    Elective unit    Broadening unit    \* Broadening Category A    ^ Broadening Category B

## Campus map

**LOST ON CAMPUS?**  
Download the Lost on Campus app, available for Apple and Android devices.

For emergencies, contact  
**UWA Security on 6488 2222**

## Find your way

## Map Symbols

- Wheelchair access
- Lecture theatre (first year)
- Public toilets
- Parking
- ATM
- Bus
- ACROD parking
- First aid
- Information/help points
- Food and drinks
- Security office, Lost and Found
- Underpass





# Bachelor of Arts

UWA COURSE  
CODE  
**BP001**

CRICOS CODE  
**003005D**

DURATION  
**3**  
YEARS  
FULL TIME

INTAKE  
FEBRUARY  
AND JULY

2019  
TUITION FEES<sup>^</sup>  
**AUD\$31,100**  
PER YEAR

[study.uwa.edu.au/arts](http://study.uwa.edu.au/arts)

<sup>^</sup> All fees quoted are for 2019 unless specifically stated otherwise. 2020 fees will be available from [fees.uwa.edu.au](http://fees.uwa.edu.au) when published.

The Bachelor of Arts degree at UWA offers you a unique learning experience with the flexibility and depth to pursue your passion while gaining transferable skills for a future-proof career in a diverse range of fields.

The UWA Bachelor of Arts is one of the most diverse degrees in Western Australia, with 35 majors to choose from. Spanning music and design to law, humanities and social sciences, our Bachelor of Arts gives you the lifelong skills employers seek, for an immediate competitive edge in the employment market. This is evidenced by the fact that our graduates enjoy the highest average starting salaries for Bachelor of Arts graduates in Australia (University Rankings Australia, 2018).

Studying the Bachelor of Arts at UWA allows you to take courses from a range of subjects, from the earliest days of humanity and history in Archaeology or Classics and Ancient History, to cutting-edge technologies of performance and creativity in Music Studies, Architecture or Communication and Media Studies.

Tackle the great challenges facing society with a major in Philosophy, Political Science and International Relations, or Anthropology and Sociology. Develop critical cultural engagement with a major in History, English and Literary Studies, or our range of regional specialisations. Make a difference to your community with a major in Psychology, Human Geography and Planning, or Work and Employment Relations. Or participate in our innovative language programs to equip you with linguistic skills and an enhanced cultural understanding.

UWA's Bachelor of Arts sets you on the path to becoming a global citizen. Study abroad for a semester at a partner university, or choose from our range of short international study units. You can also learn a language, with four Asian and four European languages to choose from.

## Why study Arts?

Studying Arts equips you for every aspect of life. It enables you to discover your talents, interests and abilities, and develop them fully. You'll acquire transferable skills such as critical thinking, communication, reasoning and problem-solving. These proficiencies are all highly sought-after and valued by employers and will provide you with many future career opportunities.

## Career-ready

As part of your Arts degree, you can choose to undertake an arts practicum. This provides the chance to work on a supervised project in a workplace of your choice, while earning credit towards your degree. You'll gain practical workplace experience and industry connections, helping you gain the skills to launch a successful career.

## Beyond your degree

Gaining demonstrable transferable skills and experience via the UWA Bachelor of Arts sets you apart and prepares you for the future. As an Arts graduate, you are equipped with a well-rounded education in addition to excellent communication, research and technical skills that allow you to enter many different careers. You can also choose to complete postgraduate studies to pursue a professional career or to give you a competitive edge in a rapidly changing workforce. Successful UWA graduates include politicians, ambassadors, authors, composers, journalists, anthropologists, historians, policy advisers and teachers, to name a few.

## You can major in

- |  |  |
|--|--|
| <ul style="list-style-type: none"><li>• Anthropology and Sociology</li><li>• Archaeology</li><li>• Architecture (co-requisite majors)<sup>*</sup></li><li>• Asian Studies</li><li>• Chinese Studies</li><li>• Classics and Ancient History</li><li>• Communication and Media Studies</li><li>• Criminology</li><li>• English and Literary Studies</li><li>• Fine Arts</li><li>• French Studies</li><li>• Gender Studies</li><li>• German Studies</li><li>• History</li><li>• History of Art</li><li>• Human Geography and Planning</li><li>• Indigenous Knowledge, History and Heritage</li><li>• Indonesian Studies</li></ul> | <ul style="list-style-type: none"><li>• Italian Studies</li><li>• Japanese Studies</li><li>• Korean Studies</li><li>• Landscape Architecture</li><li>• Law and Society</li><li>• Linguistics</li><li>• Music: Electronic Music and Sound Design</li><li>• Music General Studies</li><li>• Music Specialist Studies<sup>**</sup></li><li>• Music Studies</li><li>• Philosophy</li><li>• Philosophy, Politics and Economics (double major)</li><li>• Political Science and International Relations</li><li>• Psychology (double major)</li><li>• Psychology in Society</li><li>• Spanish Studies</li><li>• Work and Employment Relations</li></ul> |
|--|--|

<sup>\*</sup>The Architecture co-requisite majors are two majors that must be taken together.

<sup>\*\*</sup>Can be taken as a second major only in conjunction with the Music Studies degree-specific major.



RANKED IN THE  
WORLD'S  
**TOP 100**  
UNIVERSITIES<sup>1</sup>



**#1**  
IN WA FOR  
PERFORMING ARTS<sup>2</sup>



**HIGHEST**  
AVERAGE  
STARTING SALARY<sup>3</sup>

1 For History, Law, Sociology (QS World University Rankings by Subject 2018).

2 QS World Rankings by Subject 2018

3 Our graduates enjoy the highest average starting salaries for Bachelor of Arts graduates in Australia (University Rankings Australia 2018).

*"I have always had a natural interest in both political science and history, so they were natural choices for me to study at uni. I'm enjoying the quality of the lectures and the content being studied, but my favourite aspect would be the excellent facilities here, especially after the recent refurbishment of Social Sciences and Arts rooms. I am also a Vice-President of the UWA Politics Club, which is a great forum for people who are interested in politics. It has a focus on domestic politics, and hosts a range of events including debates, quiz nights and mock parliaments."*

**Ian Tan – Politics and History**



# Course structure

## Anthropology and Sociology

study.uwa.edu.au/anthropology  
handbooks.uwa.edu.au/anthropology

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** None  
**Recommended subjects:** None

Ever wondered why the world is like it is? Anthropology and Sociology offers ways of understanding the complex social dimensions of the challenges the world is facing by examining the contexts of human experience and social relationships comparatively across place and time.

The study of Anthropology and Sociology provides valuable skills for living and working in a globalising and interconnected world by exposing you to different systems of beliefs, values and practices found among the world's cultures. But it's not just about other cultures. A major in Anthropology and Sociology helps you understand Australian society and its relationship to the world. At a personal level, it offers a perspective on challenges in your everyday life, and encourages you to question your taken-for-granted beliefs. We teach skills in critical thinking, careful observation and record-keeping, oral, visual and written expression, research skills such as interviewing, listening and critical reflection.

### Career opportunities

A degree in Anthropology and Sociology is useful for careers in Australia and overseas focused on social services and welfare, Indigenous issues, social aspects of health, community development, social research, policy development, advocacy, urban and environmental policy and planning, human rights, international development, conservation planning and foreign aid. Graduates may proceed to specialised training in professions in law, psychology, public policy, education, publishing, journalism, industrial relations, international development or social research.

### Course structure

#### Level 1 core units

- Being Human: Culture, Identity and Society
- Global Change, Local Responses

#### Level 2 core unit and options

- Social Thought
- Plus two of the following:**
- Aboriginal Art and Society
- Australian Society
- Constructing Cultures Through Media
- Environment, Power and Disasters in Asia
- Popular Culture in Asia
- Refugees, Human Rights, Violence and Fear
- Religion in Society
- Sex, Gender and Social Life
- Society, Law and Politics

#### Level 3 core unit and options

- Ethnography: Methodological Perspectives
- Plus two of the following:**
- Contemporary Social Thought
- Engaged Anthropology
- Environment, Landscape and Place
- Indigenous Australia
- Migration, Mobilities, Belonging
- Mind, Body, Culture
- Social Meaning of Money
- The Social Worlds of the Indo-Pacific

## Archaeology

study.uwa.edu.au/archaeology  
handbooks.uwa.edu.au/archaeology

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** None  
**Recommended subjects:** None

Archaeology is the only discipline to study more than three million years of human history in all its facets. We also investigate more than 65,000 years of Australia's human history.

The Archaeology major brings together specialist units of study such as fieldwork, DNA analysis, archaeobotany, archaeozoology, rock art, Indigenous archaeology, the origins of humans and archaeological heritage, dating, and further cutting-edge technologies. Develop practical skills through laboratory classes and fieldwork units, with three field schools held each year.

### Career opportunities

Archaeologists enjoy varied employment opportunities. They can work as academics, museum workers, native-title and Indigenous community workers, and activists. They also work in the government sector on heritage policy and delivery, in the education and tourism sectors, and manage cultural heritage for the mining and resources sector. UWA Archaeology graduates are multi-skilled and in-demand in Australia and overseas.

### Course structure

#### Level 1 core units

- Archaeology A, B and 14C
- Great Discoveries in Global Archaeology

#### Level 2 options

##### Select two:

- Archaeology of Death
- Archaeology of Human Origins and Symbolic Thought
- Archaeology of Rock Art
- Mysteries of Forensic Science
- Rock Art Fieldschool

#### Level 3 core units and options

- Archaeological Field Skills
- Archaeological Laboratory Skills

##### Plus two of the following:

- Australian Archaeology
- Experimenting with Archaeology
- Historical and Maritime Archaeology

## Architecture

study.uwa.edu.au/architecture  
handbooks.uwa.edu.au/architecturea  
handbooks.uwa.edu.au/architectureb

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** None  
**Recommended subjects:** None

Architecture is the conceptualisation and design of individual buildings and urban landscapes in response to existing and emerging economic, technical and social needs.

The two co-requisite majors in Architecture (Architecture A and Architecture B) prepare you for postgraduate studies by introducing you to a

range of technologies and production methods that encourage you to imagine a range of design outcomes and to create drawings, models and prototypes. You'll also make investigations into design communication, sustainable design and relevant historical, theoretical and ethical aspects of architecture. At the end of your degree you'll be able to use your facility for creative and rational inquiry to analyse design problems and develop design propositions that engage with global ideas and questions.

### Career opportunities

With further study, the two co-requisite majors in Architecture can lead to a career in architecture, urban design, architectural drafting, architectural education/academia or government policy. You could work in architectural and urban design practice, city and regional planning, government agencies, higher education, property development and architectural illustration and modelling.

### Course structure – Architecture A

#### Level 1 core units

- Architecture Studio 1
- Drawing History

#### Level 2 core units

- Architecture Studio 2
- Environmental Design

#### Level 3 core units

- Architecture Studio 4
- History and Theories of the Built Environment

### Complementary units

Students nominating Architecture as their degree-specific major in the Bachelor of Arts or Bachelor of Philosophy (Honours) course must also study:

- Advanced Design Thinking
- Art, Technology and Society
- Parallel Modernities in Architecture
- Techniques of Visualisation

### Course structure – Architecture B

#### Level 1 core units

- Design Studio—Groundings
- Structures and Systems

#### Level 2 core units

- Design Studio
- Materials and Small Constructions

#### Level 3 core units

- Architecture Studio 3
- Construction

## Asian Studies

study.uwa.edu.au/asian-studies  
handbooks.uwa.edu.au/asianstudies

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** None  
**Recommended subjects:** None

Asia is home to two-thirds of the world's population and some of the most dynamic and fascinating societies on the planet. From cultures, history and politics, through to religion, gender and environmental issues, you can explore the issues facing Australia's nearest neighbours.

This major provides knowledge and a solid basis for critically understanding the great diversity of cultures, societies and political systems of Asia, including

China, Indonesia and Japan. It explores the impacts of the great religious and philosophical traditions of the region such as Buddhism, Hinduism and Islam, and investigates the dramatic changes colonialism, revolutions and modernisation have brought to the region. You'll examine topics as diverse as popular culture, gender relations, environmental issues, political transformations, the media and Australia's relations with the region. This major does not require you to learn an Asian language.

### Career opportunities

Graduates have excellent employment prospects in Australia and in the rising economies of Asia. Many employers in Australia and Asia – including human rights, education, tourism and media organisations, the Department of Foreign Affairs and Trade, the World Bank, and the United Nations – give priority to the employment of graduates with an Asia-related academic background.

### Course structure

#### Level 1 core units

- Asia from Colonial to Modern
- Asian Societies and Cultures

#### Level 2 options

##### Select two:

- Australia and Asia
- Culture, Society and the State in Asia
- Environment, Power and Disasters in Asia
- Popular Culture in Asia

#### Level 3 options

##### Select four:

- Contemporary Korean Society
- Democratisation in Asia
- Gender and Power in Asia
- Indonesian Politics and Culture
- Issues in Japanese Society and Culture
- Social Issues in Contemporary China

## Chinese Studies

study.uwa.edu.au/chinese  
handbooks.uwa.edu.au/chinese

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** None  
**Recommended subjects:** None

More than one billion people speak Chinese (Mandarin), making it the world's most spoken language. Study Chinese and open up doors to an exciting international career.

The Chinese Studies major caters to language levels from beginner to native speaker and develops language skills, cultural literacy and knowledge of modern China. Classes focus on practical Chinese (reading, writing, speaking and listening). Students are encouraged to include language study in China through UWA's student exchange program, and summer programs in China are available.

### Career opportunities

There is a growing demand for graduates with a knowledge of Chinese and China. Graduates find careers in state and federal government departments, and in resources, finance and tourism. Other opportunities include the World Bank and United Nations or teaching Chinese as a second language. Students majoring in Chinese Studies should also consider furthering their studies by taking a Master of Translation Studies to gain a prestigious professional qualification.

### Course structure<sup>1</sup>

#### Level 1 Beginners<sup>2</sup>

- Chinese 1
- Chinese 2

##### Plus one of the following:

- Asia from Colonial to Modern
- Asian Societies and Cultures

#### Level 2 Beginners

- Chinese 3
- Chinese 3A
- Chinese 4

#### Level 3 Beginners

- Chinese 5
- Chinese 6
- Social Issues in Contemporary China

#### Level 1 Pre-intermediate<sup>3</sup>

- Chinese 3
- Chinese 3A

##### Plus one of the following:

- Asia from Colonial to Modern
- Asian Societies and Cultures

#### Level 2 Pre-intermediate

- Chinese 4
- Chinese 5
- Chinese 6

#### Level 3 Pre-intermediate

- Chinese 7
- Chinese 8
- Social Issues in Contemporary China

#### Level 1 Intermediate<sup>4</sup>

- Chinese 3
- Chinese 4

##### Plus one of the following:

- Asia from Colonial to Modern
- Asian Societies and Cultures

#### Level 2 Intermediate

- Chinese 5
- Chinese 6

##### Plus one of the following:

- Australia and Asia
- Culture, Society and the State in Asia
- Environment, Power and Disasters in Asia
- Popular Culture in Asia

#### Level 3 Intermediate

- Chinese 7
- Chinese 8
- Social Issues in Contemporary China

#### Level 1 Advanced<sup>5</sup>

- Chinese 5
- Chinese 6

##### Plus one of the following:

- Asia from Colonial to Modern
- Asian Societies and Cultures

#### Level 2 Advanced

- Chinese 7
- Chinese 8

##### Plus one of the following:

- Australia and Asia
- Culture, Society and the State in Asia
- Environment, Power and Disasters in Asia
- Popular Culture in Asia

#### Level 3 Advanced

- Chinese 9
- Chinese 10
- Social Issues in Contemporary China

### Study Abroad

#### China Field Study (equivalent to one Chinese Studies Level 2 or 3 unit)

Provides intensive language and culture studies during summer holidays at Beijing Language and Culture University

<sup>1</sup> When enrolling, students will be required to complete a questionnaire about their knowledge of Chinese, after which they will be informed about which level is appropriate for their knowledge of Chinese.  
<sup>2</sup> This level is incompatible with a pass in Chinese: Background Language ATAR or higher.  
<sup>3</sup> Admission to this level requires a pass in Chinese: Background Language ATAR. It is incompatible with a pass in Chinese: Second Language ATAR.  
<sup>4</sup> Admission to this level requires a pass in Chinese: Second Language ATAR.  
<sup>5</sup> This level is available to students assessed by the discipline as native or near-native speakers.

## Classics and Ancient History

study.uwa.edu.au/classics  
handbooks.uwa.edu.au/classics

### COURSE REQUIREMENTS

#### Minimum ATAR score: 80

#### Prerequisite subjects: None

#### Recommended subjects: None

Combine the languages (Latin and Ancient Greek) with the history and material culture of the ancient Greek and Roman worlds. The Greek and Roman cultures lie at the very foundation of the modern world and we are surrounded by their legacy, from the Olympic Games to the alphabet, from democracy to Christianity, and from theatre to the rule of law. This major combines the languages, literature, history, art and material culture of the ancient Greek and Roman civilisations to give you a holistic picture of this vibrant and eternally relevant era.

### Career opportunities

A major in Classics and Ancient History equips you for a wide range of careers, including in secondary and tertiary education, business and commerce, government departments, the media, and public and private sectors in the arts and culture.

### Course structure

#### Level 1 core unit and option

- Glory and Grandeur
- Plus one of the following:**
- Latin 1
- Myths of the Greeks and Romans: Story, History and Reinvention

#### Level 2 options

##### Select two:

- Greek 1<sup>1</sup>
- Greek 2
- Latin 2
- Latin 3
- The Foundation of the Roman Empire
- The Golden Age of Athens

#### Level 3 options

##### Select four:

- After Antiquity: Receptions of Greco-Roman Culture from Augustine to Atwood
- Alexander the Great
- Greece Without Borders: The Hellenistic World
- Greek 3
- Greek 4
- Latin 4
- Religion, Society and the Divine in the Roman World: From Augustus to Augustine
- Roman Britain
- Sex, Gender and Body in the Greco-Roman World
- The Emergence of Greece
- The Roman Revolution

<sup>1</sup> Students intending to major in Classics and Ancient History must take Greek 1 if they do not do Latin.



## Communication and Media Studies

study.uwa.edu.au/media-studies  
handbooks.uwa.edu.au/mediastudies

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** None  
**Recommended subjects:** None

Communication and Media Studies is one of the most exciting and rapidly evolving areas of study in today's media-driven world.

This major provides you with practical communication and digital media skills, along with essential theoretical knowledge, to help you engage with and develop a critical understanding of complex media environments. What we know of the world and how we act in it is critically related to our use of communication technologies, from language to screen, and from text to social networks. This major provides you with practical communication skills along with essential theoretical knowledge, and includes training in the use of the latest digital multimedia technology. You will work collaboratively on creative projects and have the chance to gain experience in communication technology and media production while critically reflecting on the relationship between communication, media and culture.

#### Career opportunities

Graduates are highly sought-after in areas such as journalism, the media, advertising, public relations, multimedia, public administration, business, government and education.

### Course structure

#### Level 1 core units

- Cultures, New Media and Communications
- Power, Participation and Meaning

#### Level 2 core units

- Communication and Mass Media
- Digital Media

#### Level 3 core units

- Designing Play
- Journalism in Practice
- Media Enterprise in Transition
- Media Production Project

## Criminology

### New course for 2020, pending approval

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** None  
**Recommended subjects:** None

The Criminology major will challenge students to apply criminological theory to analyse contemporary challenges relating to crime, victimisation, crime prevention, and the criminal justice system. Students will learn to recognise, interpret, and critique contemporary trends in crime.

### Course structure

The Criminology major draws on knowledge and perspectives from a range of disciplines including Law, Psychology, History, Anthropology and Geography. The combination of core and optional units in this major structure will expose students to the breadth of issues being addressed by contemporary Criminology.

## English and Literary Studies

study.uwa.edu.au/english  
handbooks.uwa.edu.au/english

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** None  
**Recommended subjects:** None

In English and Literary Studies we take the imagination seriously. We address the creative texts that societies produce and ask what they mean. From Shakespeare to Netflix, and from critical theory to creative writing, this major offers a wide range of units, looking at the rich history of the western literary tradition: Shakespeare, Jane Austen, Virginia Woolf; writers who have done much to shape the way we live imaginatively in the world today.

The major also offers units that look at the exciting ways in which literature works in the newly globalised world. Other important elements are creative writing, where students produce their own creative work; screen and performance studies, which examine texts in media not confined to the written page; and the study of everyday life (gender, race, class) as it is mediated textually and imaginatively.

#### Career opportunities

English and Literary Studies graduates are highly successful in obtaining careers from teaching to management, journalism to advertising and the public service, and in all aspects of cultural life. Many proceed from studies in English to specialised training in professions such as law, medicine, psychology, librarianship, education, publishing, journalism, industrial relations or theatre and media work.

### Course structure

#### Level 1 options

##### Select two:

- Global Literatures
- Literary Classics
- Narrative in the Digital Age
- Reading Bodies
- Reading Creatively/Writing Creatively

#### Level 2 options

##### Select two:

- Creative Writing: Theory and Practice
- Jane Austen and her Legacy
- Law and Literature
- Modernism and the Avant-garde
- Netflix: Cinema and Long-form Television
- Romanticism and Revolution
- Shakespeare and his World

#### Level 3 options

##### Select four:

- Advanced Literary Theory
- Australian Literature: Classic and Popular
- Making Theatre and Performance
- Poetry and Poetics
- Reading the Middle Ages
- Shakespeare: Page, Stage, Screen
- The Arthurian Legend
- Victorian Dreams and the Technological World
- Writing the Environment

## Fine Arts

study.uwa.edu.au/fine-arts  
handbooks.uwa.edu.au/finearts

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** None  
**Recommended subjects:** None

The Fine Arts major is an intensive studio-based course that prepares you for a successful career

as a contemporary artist. By working closely with nationally and internationally recognised practicing artists and with experts from related creative arenas such as curatorial practice, art theory and the history of art, you will explore a range of artistic processes, techniques and technologies that will help you to establish your career in the field of contemporary art and culture.

The structure and program of offerings is highly distinctive and the only one of its kind in Australia. Following a foundational first year of study in which you develop fundamental practical skills in tandem with a body of conceptual and theoretical knowledge, you then select from three specialist pathways. These focused areas of creative practice are (a) Film; (b) Art and Biotechnologies; and (c) Art and Environment. Over the course of your second and third year of studio-based practice you incrementally develop expertise in one of these focus areas with complementary studies in the History of Art and elective studies in areas that align with your individual interests and support your creative work.

Within these cutting-edge focus areas we foster your artistic skills across established and emergent mediums. And, by giving you the opportunity to develop those skills within settings as varied as the science laboratory or in landscapes that are undergoing rapid environmental change, the Fine Arts major gives you the opportunity to artistically articulate and debate the most challenging and difficult issues facing our world.

### Course structure\*

#### Level 1 core units

- Fine Arts Studio: Record, Visualise and Imagine
- Fine Arts Studio: Space, Time and Beyond

#### Level 1 complementary units

##### Take both:

- Drawing Foundations
- Ways of Seeing: Themes and Theories in Art

#### Level 2 core unit

- Curatorial Practices

#### Level 2 options

##### Select two:

- Art and Life Manipulation
- Art and the Life Sciences
- Art in the Environment: Deep-time Performance and Socially-engaged Art
- Cinematic Spaces
- Drawing, Painting and Print Studio
- Earth, Water, Air and Fire: Material Explorations in Environmental Art
- (Inter)national Studio
- Moving Images

#### Complementary History of Art unit

##### Select one:

- Art and Social Justice
- Art and Urban Experience
- Caravaggio and the Baroque
- Contemporary Art
- Contemporary Art and Tradition in China
- Living Paris: Experiencing and Representing the Modern City
- Introduction to Museum and Curatorial Studies
- Italian Renaissance Art Now
- Modernism and the Visual Arts
- Rome
- The Art of Photography
- Zen Gardens to Manga Mania: A Survey of Japanese Art

#### Level 3 core unit and options

Advanced Major Project

##### Plus one of the following:

- Advanced Art and Biotechnologies
- Advanced Art and Environment
- Advanced Film: Immersive Cinematic Experiences

\*Additional changes to the course structure were in progress at the time of print. The above is subject to approval and changes.

## French Studies

study.uwa.edu.au/french  
handbooks.uwa.edu.au/french

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** None  
**Recommended subjects:** None

Open up the world with French and enhance your career opportunities. French is one of the world's major international languages and is spoken by more than 200 million people in 43 countries. It is a key working language in international organisations and NGOs such as the UN and the European Union. Studying French is more than simply learning a language. It's an experience that will open your mind to different cultures, enrich you with knowledge of history and enable you to engage in real-world issues. Beyond achieving high levels of competency in speaking, writing, listening to and reading French, you will learn about French culture in France and other French-speaking countries around the world.

The major caters for students from beginners to native speakers. Study past and present French and francophone literature, films, contemporary society, and popular culture. You may also opt to participate in an exchange program at leading universities and elite schools throughout France and Canada.

#### Career opportunities

Whether studying for a major or taking a European language as a broadening unit, graduates who have studied French will be well qualified for careers in the diplomatic services, teaching, and interpreting and translating, as well as careers in travel, hospitality, publishing, theatre, commerce, international relations and the entertainment industry. Knowledge of a foreign language is particularly helpful in international banking and law, journalism and communications, medical and scientific areas, music and the arts.

Students majoring in French Studies should also consider furthering their studies by taking a Master of Translation Studies to gain a prestigious professional qualification.

### Course structure<sup>1</sup>

#### Level 1 Beginners<sup>2</sup>

- French Studies 1
- French Studies 2

#### Level 2 Beginners

- French Studies 3
- French Studies 4
- Twentieth- and Twenty-first Century French Intellectual Thought

#### Level 3 Beginners

- French Studies 5
- French Studies 6

##### Plus one of the following:

- Contemporary Literature in French
- French Exceptionalism and Contemporary France

#### Level 1 Intermediate<sup>3</sup>

- French Studies 3
- French Studies 4

#### Level 2 Intermediate

- French Cinema
- French Studies 5
- French Studies 6

#### Level 3 Intermediate

- French Studies 7
- French Studies 8

##### Plus one of the following:

- Contemporary Literature in French
- French Exceptionalism and Contemporary France

#### Level 1 Advanced<sup>4</sup>

- French Cinema
- French Studies 5
- French Studies 6

#### Level 2 Advanced

- French Studies 7
- French Studies 8

#### Level 3 Advanced

- Contemporary Literature in French
- French Exceptionalism and Contemporary France
- French Studies 9

### Study Abroad

#### Exchange to France or Canada

Students may substitute four units (24 points) for an exchange to France after they have completed one year of French language studies.

#### Language and Culture in French Polynesia (during June-July break)

This may be substituted for one Level 2 or Level 3 unit (six points).

- Students should consult European Languages and Studies in the School of Humanities before enrolling to determine the appropriate level if they are uncertain about their knowledge of French.
- This level is incompatible with a pass in French: Background Language ATAR or higher.
- Admission to this level requires a pass in French: Background Language ATAR. It is incompatible with a pass in French: Second Language ATAR.
- This level is available to students assessed by the discipline as native or near-native speakers.

## Gender Studies

### New course for 2020, pending approval

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** None

**Recommended subjects:** None

This major traces histories, theories, and experiences of gender and its intersections with race, class and sexuality. It explores the everyday practices, institutions, and cultural texts of students' gendered lives and investigates the social and cultural legacies that inform contemporary lived experience. The major is grounded in interdisciplinary methodologies and equips students with the analytical, communication, and advocacy skills to foster equity, diversity and inclusion in any context. It also emphasises skills in collaboration, leadership, group dynamics, and literacy in screen, print and digital cultures.

### Course structure

The Gender Studies major draws on knowledge and perspectives from a range of disciplines including anatomy and human biology; anthropology; art history; biomedical science; classics and ancient history; English; history; Indigenous knowledge, history and heritage; law; music; political science and international relations; and work and employment relations. The core and optional units expose students to the breadth of interdisciplinary issues canvassed by contemporary Gender Studies.

## German Studies

study.uwa.edu.au/german  
handbooks.uwa.edu.au/german

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** None  
**Recommended subjects:** None

With its rich history, techno music and avant-garde art, Berlin has been labelled Europe's Capital of Cool by *Time* and *USA Today*. Delve into Berlin,

wider Germany and the Germanic-speaking world when you become fluent in speaking, writing, listening to and reading German.

Whatever plans you have for the future, studying German will increase your options. This major caters for students at all levels, from absolute beginners to native speakers. It offers a wide perspective as you will explore not only centuries of German history and culture, but also contemporary film and media, as well as Germany's profound impact on the sciences, music and philosophy, both in Europe and around the world.

#### Career opportunities

European language graduates are well qualified for careers in the diplomatic services, teaching and training, interpreting and translating, as well as a range of careers in travel, hospitality, publishing, theatre, commerce, manufacturing, law and international relations. Knowledge of a foreign language is particularly helpful for career prospects in international banking, journalism and communications, medical areas, music and the arts. Employment opportunities are also found in the public sector.

Students majoring in German Studies should also consider furthering their studies by taking a Master of Translation Studies to gain a prestigious professional qualification.

### Course structure<sup>1</sup>

#### Level 1 Beginners<sup>2</sup>

- German Studies 1
- German Studies 2

#### Level 2 Beginners

- German Studies 3
- German Studies 3B
- German Studies 4

#### Level 3 Beginners

- German Studies 5
- German Studies 6
- German Studies 13

#### Level 1 Intermediate<sup>3</sup>

- German Studies 3
- German Studies 4

#### Level 2 Intermediate

- German Studies 5
  - German Studies 6
  - German Studies 12
- Level 3 Intermediate**
- German Studies 7 and 8; *or*
  - German Studies 9 and 10; *and*
  - German Studies 13

#### Level 1 Advanced<sup>4</sup>

- German Studies 5
- German Studies 6

#### Level 2 Advanced

- German Studies 7 and 8; *or*
- German Studies 9 and 10; *and*
- German Studies 12

#### Level 3 Advanced

- German Studies 7 and 8 (if German Studies 9 and 10 were taken at Level 2); *or*
- German Studies 9 and 10 (if German Studies 7 and 8 were taken at Level 2); *and*
- German Studies 13

### Study Abroad

#### Stuttgart Program

This may be substituted for two Level 2 or Level 3 units (12 points) during the summer break following Semester 2.

#### Australian-Japanese-German



Traditions and Practices

This may be substituted for one Level 2 or Level 3 unit (6 points).

- <sup>1</sup> Students should consult European Languages and Studies in the School of Humanities before enrolling to determine the appropriate level if they are uncertain about their knowledge of German.
- <sup>2</sup> This level is incompatible with a pass in German: Background Language ATAR or higher.
- <sup>3</sup> Admission to this level requires a pass in German: Second Language ATAR.
- <sup>4</sup> This level is available to students assessed by the discipline as native or near-native speakers.

History

study.uwa.edu.au/history  
handbooks.uwa.edu.au/history

COURSE REQUIREMENTS

Minimum ATAR score: 80  
Prerequisite subjects: None  
Recommended subjects: None

Its scope spans millennia, its object of study is humanity, its sources are everywhere and everything. History's endeavour is unashamedly vast, daunting and challenging. Studying history means learning how to learn about the past, engaging with its wonders and horrors, and joining in its telling and retelling.

Uncover the deep causes of events such as the American Revolution or the First World War, and discover how women and men experienced the medieval world or the colonisation of Australia. History introduces you to the complexities involved in these pursuits and requires you to use both imagination and reason. Studying history will immerse you in discovery, debate, discussion, understanding, surprise and awe, and it will require of you rigour, reason, questioning, imagination and passion. By studying history, you will be part of the process by which humanity's memory itself comes to be made.

Career opportunities

Most History graduates find careers in which they can use their skills in research, critical analysis and written communication, such as historical research and writing, teaching, journalism, librarianship and archival management, government agencies, museums, cultural heritage and tourism, business administration, politics and publishing.

Course structure

Level 1 options

- Select two:
- Environmental History
  - Europe to Hell and Back 1890-1945
  - Love, Belief, and Death in Europe, 900-1800
  - Old Worlds and New Empires

Level 2 options

- Select three:
- American Outlaws: Crime and Punishment in the United States
  - Civilisation and Barbarism in European Culture
  - From 'Glorious Revolution' to Industrial Revolution: Making Britain, 1688–1888
  - Hitler, the Holocaust and the Historians
  - Imperial America—1845 to Present
  - Looking for Australia: From the Deep Past to Federation
  - Masculinity, Nostalgia and Change
  - Medieval and Early Modern Women
  - Renaissance, Reformation, Revolt: Europe 1450–1650
  - Restaging the Past: Cinema and the Practice of History
  - The City in History
  - Thinking History: The Future of the Past
  - When Empire Strikes: Imperial Expansion,

- Resistance, and Rights from Europe to Australasia
- White Supremacy

Level 3 options

- Select three:
- African American History: Freedom Struggles from Plantation to Prison and Beyond
  - Crime and Punishment in Britain 1600–1900
  - Eyewitness to the Past: Photography and History
  - Feminist Thought
  - From Sudan to Saddam: Australia's Foreign Wars
  - Imagining the Nation in European Cultural History
  - Intimate Strangers: Journeys in Australian History
  - Introduction to African History
  - Making History
  - Mysticism, Melancholy and Madness
  - Rights, Rule and Power: From Magna Carta to the French Revolution
  - Twentieth-century Britain
  - Vikings, Crusaders and Mongols: Medieval Europe in Conflict

History of Art

study.uwa.edu.au/art-history  
handbooks.uwa.edu.au/arthistory

COURSE REQUIREMENTS

Minimum ATAR score: 80  
Prerequisite subjects: None  
Recommended subjects: None

The History of Art empowers you to be a thoughtful and critical viewer of our increasingly visual world.

By examining the construction, reception, and circulation of art objects across time and cultures, this major equips you with historical knowledge, rigorous analytical skills, and the capacity to critically communicate about visual form. Through a cultivation of visual literacy, you will gain insights into how artists have imaged and imagined politics, religion, identity, and culture, while also discovering how art has shaped the history of ideas.

The major covers a wide range of historical periods and visual media, ranging from Renaissance painting to Contemporary performance art, with an emphasis on the visual traditions of Europe, North America, Asia, and Australia.

Career opportunities

Graduates with a History of Art major are well equipped to enter a range of careers. Many go on to careers connected in some way with the arts, such as arts administrators, curators, museum administrators, gallery directors, art historians, art conservators and arts festival administrators.

Course structure

Level 1 core units

- Great Moments in Art
- Ways of Seeing: Themes and Theories in Art

Level 2 options

- Select three:
- Art and Social Justice
  - Art and Urban Experience
  - Caravaggio and the Baroque
  - Contemporary Art
  - Contemporary Art and Tradition in China
  - Film Noir to the New Wave
  - Imagist Avant-Garde Film
  - Introduction to Museum and Curatorial Studies
  - Italian Renaissance Art Now
  - Living Paris: Experiencing and Representing the Modern City
  - Looking East: Envisioning the Orient in Western Art
  - Modernism and the Visual Arts
  - Nineteenth-century British Art
  - Rome
  - The Art of Photography

Level 3 core unit and options

- Art Theory
- Plus two of the following:
- Art and Games: from Dada to Data
  - Australian and Aboriginal Art
  - Breaking Art
  - Contemporary Art and Tradition in China
  - Global Art Histories
  - Living Paris: Experiencing and Representing the Modern City
  - Manet and the French Avant-Garde
  - Materialist Avant-Garde Film
  - Michelangelo
  - Picturing the Self: Portraiture in Nineteenth-century Europe
  - Prints from Dürer to Toulouse-Lautrec
  - Rome
  - The Dutch Golden Age and the Art of Exploration
  - The Northern Renaissance
  - Twenty-first Century Art
  - Visual Culture and Art in America: 1900–2000

Human Geography and Planning

study.uwa.edu.au/human-geog-planning  
handbooks.uwa.edu.au/humangeogplanning

COURSE REQUIREMENTS

Minimum ATAR score: 80  
Prerequisites: None  
Recommended: None

To flourish, human and urban developments must grapple with ecological sustainability, cultural diversity, changing demographic pressures, disasters and global markets.

The conceptual foundations of Human Geography and Planning, along with applied fieldwork based on real-world problems, enable you to develop highly valued skills by drawing on and integrating knowledge from the related disciplines of geographical science, economics, architecture, sociology and environmental science. You will develop the relevant knowledge and skills to help resolve major urban and regional problems and ultimately have the ability to contribute to the creation of liveable communities, vibrant economies and sustainable places.

Career opportunities

Planners and geographers are employed by local and state governments and in the private sector in areas including regional development, public administration, public policy, social research, teaching and property and land development. Graduates with this major are also employable internationally, helping solve social, economic and environmental problems in other parts of the world.

Course structure

Level 1 core units

- Disasters!
- Geographies of a Global City

Level 2 core units

- Geographies of Economic Development
- Social Geography and Planning

Level 3 core units

- Environmental Policy and Planning
- Geographic, Environment and Planning Fieldwork
- Regional Development and Planning
- Urban Planning and Design

Complementary units

Students nominating Human Geography and Planning as their degree-specific major in the Bachelor of Arts or Bachelor of Philosophy (Honours) course must also study:

- Geographic Information Systems
- Reading Landscapes: People and Processes

Indigenous Knowledge, History and Heritage

study.uwa.edu.au/indigenous-knowledge  
handbooks.uwa.edu.au/indigenouknowledge

COURSE REQUIREMENTS

Minimum ATAR score: 80  
Prerequisite subjects: None  
Recommended subjects: None

Indigenous knowledge is applicable to all fields and disciplines, allowing you to engage with a different way of knowing and understanding the world.

Explore the worldview and historical experiences of Indigenous peoples in Australia, and critically analyse disciplinary interpretations of Indigenous knowledges and peoples, locally, nationally and globally. The multidisciplinary program offers the opportunity to learn about the history, culture and philosophy of Indigenous peoples in Australia. Taught in an interactive manner, including field trips and excursions, it will engage you with the perspectives of Indigenous people, Elders in the community and prominent guest speakers.

Career opportunities

The broad skills base and adaptable approach of graduates who have studied this major are highly valued in areas such as legal and human rights organisations, government departments, business and industry, education, trade and tourism, health and the environment, and native title and cultural heritage.

Course structure

Level 1 core units and option

- Aboriginal Encounters: Strangers in our Backyard
- Boodjar Moort Katitjin: Introduction to Indigenous Heritage and Knowledge

- Plus the following:
- Communication in Practice

Level 2 core units and option

- Indigenous Knowledge: Mind, Body and Spirit
- Plus one of the following:
- Curatorial Practices
  - Indigenous Representation
  - Indigenous Ways of Knowing 2
  - Knowing Country: The Dreaming and Darwin
  - Looking North: The Wild West
  - When Empire Strikes: Imperial Expansion, Resistance, and Rights from Europe to Australasia

Level 3 core unit and options

- Indigenous Research
- Plus two of the following:
- Indigenous People and Global Issues
  - Indigenous Ways of Knowing 3
  - Intimate Strangers: Journeys in Australian History
  - Sharing Space

Indonesian Studies

study.uwa.edu.au/indonesian  
handbooks.uwa.edu.au/indonesian

COURSE REQUIREMENTS

Minimum ATAR score: 80  
Prerequisite subjects: None  
Recommended subjects: None

Indonesian is the national language of our nearest neighbour and the world's fourth-largest country. The cultural diversity and tropical ecology make Indonesia one of the most enjoyable countries in which to study, travel and work.

Indonesian is a relatively easy language to learn because it uses the Roman script and is simple to spell and pronounce. As a result, Indonesian is a popular choice for beginners. Learning how

to speak, read and write Indonesian enables graduates to live and work in a country set to become one of the world's largest economies. Students of Indonesian at UWA are encouraged to spend part of their course studying at an Indonesian university, an experience that is fascinating, enriching and fun.

Career opportunities

Knowledge of Indonesian language, culture and social norms is in demand by state and federal government departments as well as commercial enterprises investing in Indonesia, the media, education, tourism and the hospitality industry. Students majoring in Indonesian Studies should also consider furthering their studies by taking a Master of Translation Studies to gain a prestigious professional qualification.

Course structure<sup>1</sup>

Level 1 Beginners<sup>2</sup>

- Indonesian 1
- Indonesian 2

- Plus one of the following:
- Asia from Colonial to Modern
  - Asian Societies and Cultures

Level 2 Beginners

- Indonesian 3
- Indonesian 3A
- Indonesian 4

Level 3 Beginners

- Indonesian 5
- Indonesian 6
- Indonesian Politics and Culture

Level 1 Pre-intermediate<sup>3</sup>

- Indonesian 3
- Indonesian 3A

- Plus one of the following:
- Asia from Colonial to Modern
  - Asian Societies and Cultures

Level 2 Pre-intermediate

- Indonesian 4
- Indonesian 5
- Indonesian 6

Level 3 Pre-intermediate

- Indonesian 7
- Indonesian 8
- Indonesian Politics and Culture

Level 1 Intermediate<sup>4</sup>

- Indonesian 3
- Indonesian 4

- Plus one of the following:
- Asia from Colonial to Modern
  - Asian Societies and Cultures

Level 2 Intermediate

- Indonesian 5
- Indonesian 6

Plus one of the following:

- Australia and Asia
- Culture, Society and the State in Asia
- Environment, Power and Disasters in Asia
- Popular Culture in Asia

Level 3 Intermediate

- Indonesian 7
- Indonesian 8
- Indonesian Politics and Culture

Study Abroad

Indonesian Field Study

Provides intensive language study at an Indonesian university over six to eight weeks during summer break. It may be substituted for two Indonesian language units.

Indonesian In-country

This is a full-time semester of study in Indonesia. It may be substituted for any three Level 2 units (18 points) or two Level 3 units (12 points) of the Indonesian major.

- <sup>1</sup> Students should consult Asian Studies in the School of Social Sciences before enrolling to determine the appropriate major, if they are uncertain about the appropriate major for their level of Indonesian.
- <sup>2</sup> This major is incompatible with a pass in Indonesian: Background Language ATAR or higher.
- <sup>3</sup> Admission to this major requires a pass in Indonesian: Background Language ATAR. It is incompatible with a pass in Indonesian: Second Language ATAR.
- <sup>4</sup> Admission to this major requires a pass in Indonesian: Second Language ATAR.

Italian Studies

study.uwa.edu.au/italian  
handbooks.uwa.edu.au/italian

COURSE REQUIREMENTS

Minimum ATAR score: 80  
Prerequisite subjects: None  
Recommended subjects: None

Learn 'la bella lingua'. Studying Italian language and culture opens up the fascinating world of contemporary Italy, its rich cultural heritage and the links between Italy and Australia.

Gain a richer understanding of the arts, music, design, architecture, opera and food by learning a language considered by many to be the most beautiful in the world. The Italian Studies major teaches levels of competence in speaking, writing, listening and reading. It also offers a wide perspective on Italian culture, not only of Italy itself but Italian-speaking communities around the world, including Australia. This major caters for students to challenge and engage at all levels, from beginners to native speakers. Enhance your educational experience with exchange programs in Italy at approved universities such as Siena, Milan or Perugia.

Career opportunities

Graduates are well qualified for careers in all areas that involve interpersonal and communication skills, especially when dealing with people from a range of cultural backgrounds. These include travel, hospitality, publishing, theatre, commerce, international relations, the diplomatic services, teaching and interpreting and translating. Knowledge of a foreign language has helped graduates secure jobs in international banking, journalism and communications, medical areas, music and the arts. Students majoring in Italian Studies should also consider furthering their studies by taking a Master of Translation Studies to gain a prestigious professional qualification.

Course structure<sup>1</sup>

Level 1 Beginners<sup>2</sup>

- Italian Studies 1
- Italian Studies 2

Level 2 Beginners

- Italian Culture in Word and Image: from the Middle Ages to the Risorgimento
- Italian Studies 3
- Italian Studies 4

Level 3 Beginners

- Italian Studies 5
- Italian Studies 6

Plus one of the following:

- Italian and Migration
- Linguistic History of Italy
- Sociolinguistics of Contemporary Italy

Level 1 Intermediate<sup>3</sup>

- Italian Studies 3
- Italian Studies 4

Level 2 Intermediate

- Italian Studies 5
- Italian Studies 6
- The Shape of Italian: Communicating Between Worlds



Level 3 Intermediate

- Italian Studies 7
- Italian Studies 8
- Plus one of the following:**
- Italian and Migration
- Linguistic History of Italy
- Sociolinguistics of Contemporary Italy

Level 1 Advanced<sup>4</sup>

- Italian Studies 5
- Italian Studies 6

Level 2 Advanced

- Italian Studies 7
- Italian Studies 8
- The Shape of Italian: Communicating Between Worlds

Level 3 Advanced

- Italian Studies 9
- Italian Studies 10
- Plus one of the following:**
- Italian and Migration
- Linguistic History of Italy
- Sociolinguistics of Contemporary Italy

Study Abroad

Exchange to Italy

Students may substitute four units (24 points) for an exchange to Italy after they have completed one year of Italian language studies.

Bergamo Program

This may be substituted for one Level 2 or Level 3 unit (six points). Runs in the semester break in July.

- <sup>1</sup> Students should consult European Languages and Studies in the School of Humanities before enrolling, if they are uncertain about the appropriate major for their level of Italian.
- <sup>2</sup> This major is incompatible with a pass in Italian: Background Language ATAR or higher.
- <sup>3</sup> Admission to this major requires a pass in Italian: Background Language ATAR. It is incompatible with a pass in Italian: Second Language ATAR.
- <sup>4</sup> This major is available to students assessed by the discipline as near-native speakers.

Japanese Studies

<b>study.uwa.edu.au/japanese</b> <b>handbooks.uwa.edu.au/japanese</b>
<b>COURSE REQUIREMENTS</b>
<b>Minimum ATAR score:</b> 80
<b>Prerequisite subjects:</b> None
<b>Recommended subjects:</b> None

Japanese popular culture has spread throughout the world and Japan continues to be a major international economic player.

Japanese is the language of one of Australia's major trading partners and there is a high demand for graduates with knowledge of Japan and Japanese. This major offers you an insight into one of Asia's foremost economic and cultural powerhouses. You'll learn and develop reading, writing, speaking and listening skills, while exploring contemporary Japanese society and culture. This major caters for beginner and intermediate level speakers.

Career opportunities

There is high demand for graduates with knowledge of Japan and Japanese. Graduates with a major in Japanese can find employment in federal and state government departments and private industry and community groups. The combination of Japanese with a major in another discipline (such as anthropology, economics, geography, history, industrial relations and politics) is becoming particularly attractive to employers.

Students majoring in Japanese Studies should also consider furthering their studies by taking a Master of Translation Studies to gain a prestigious professional qualification.

Course structure<sup>1</sup>

Level 1 Beginners<sup>2</sup>

- Japanese 1
- Japanese 2
- Plus one of the following:**
- Asia from Colonial to Modern
- Asian Societies and Cultures

Level 2 Beginners

- Japanese 3
- Japanese 3A
- Japanese 4

Level 3 Beginners

- Issues in Japanese Society and Culture
- Japanese 5
- Japanese 6

Level 1 Pre-intermediate<sup>3</sup>

- Japanese 3
- Japanese 3A
- Plus one of the following:**
- Asia from Colonial to Modern
- Asian Societies and Cultures

Level 2 Pre-intermediate

- Japanese 4
- Japanese 5
- Japanese 6

Level 3 Pre-intermediate

- Issues in Japanese Society and Culture
- Japanese 7
- Japanese 8

Level 1 Intermediate<sup>4</sup>

- Japanese 3
- Japanese 4
- Plus one of the following:**
- Asia from Colonial to Modern
- Asian Societies and Cultures

Level 2 Intermediate

- Japanese 5
- Japanese 6
- Plus one of the following:**
- Australia and Asia
- Culture, Society and the State in Asia
- Environment, Power and Disasters in Asia
- Popular Culture in Asia

Level 3 Intermediate

- Issues in Japanese Society and Culture
- Japanese 7
- Japanese 8

Study Abroad

Exchange to Japan

Students may substitute units towards the major from student exchange.

- <sup>1</sup> Students should consult Asian Studies in the School of Social Sciences before enrolling to determine the appropriate level if they are uncertain about their knowledge of Japanese.
- <sup>2</sup> This major is incompatible with a pass in Japanese: Second Language ATAR or higher.
- <sup>3</sup> Admission to this major requires major coordinator's permission.
- <sup>4</sup> Admission to this major requires a pass in Japanese: Second Language ATAR.

Korean Studies

<b>study.uwa.edu.au/korean</b> <b>handbooks.uwa.edu.au/korean</b>
<b>COURSE REQUIREMENTS</b>
<b>Minimum ATAR score:</b> 80
<b>Prerequisite subjects:</b> None
<b>Recommended subjects:</b> None

Learn to speak and write Korean while exploring Korean societies, politics and culture, and developing an understanding of the two Koreas'

place in the world. As South Korea (Republic of Korea) is an increasingly important trading partner of Western Australia, graduates with good Korean linguistic and socio-cultural skills are highly sought-after in the local job market. Korean Studies is an interdisciplinary area of research and critical analysis of the culture, society, philosophical thought and language of the Korean peninsula and its diaspora. The course structure includes a strong element of language studies, as well as social sciences study units, which give students opportunities to pursue topics they find personally interesting, from literature and popular culture to politics and history. You'll also have the choice of undertaking part of your major at a partner institution in Korea.

Career opportunities

Korean Studies graduates are increasingly sought-after in many professional and management careers in both business and the public sector, in positions where language and cultural expertise is required. Graduates are also employed by state and federal government departments (including Defence, Home Affairs, and Foreign Affairs and Trade), commercial enterprises investing in Korea (especially in the resources sector), tourism, public sector and cultural organisations, NGOs and the media industry. Graduates can also pursue a career in academia or teaching.

Students majoring in Korean should also consider furthering their studies by taking a Master of Translation Studies to gain a prestigious professional qualification.

Course structure

Level 1 Beginners<sup>1</sup>

- Korean 1
- Korean 2
- Plus one of the following:**
- Asia from Colonial to Modern
- Asian Societies and Cultures

Level 2 Beginners

- Korean 3
- Korean 4
- Readings in Korean Culture

Level 3 Beginners

- Contemporary Korean Society
- Korean 5
- Korean 6

Study Abroad

Students enrolled in the Korean Studies major can complete part of their studies at one of UWA's partner institutions in South Korea. Study options range from intensive short-term language study programs to completing a full academic year in Korea.

- <sup>1</sup> The Korean Studies major requires no previous knowledge of Korean. As the major is only offered from beginner level, candidates with existing competence in Korean language should contact the course convenor to discuss whether they will be able to enrol to study for the major.

Landscape Architecture

<b>study.uwa.edu.au/landscape</b> <b>handbooks.uwa.edu.au/landscape</b>
<b>COURSE REQUIREMENTS</b>
<b>Minimum ATAR score:</b> 80
<b>Prerequisite subjects:</b> None
<b>Recommended subjects:</b> None

Landscape Architecture is a creative, design-based major primarily concerned with the quality of the outdoor environment. This major involves all aspects of landscape and land-use planning, design and management, the restoration and rehabilitation of disturbed environments and

the design and management of outdoor spaces to create exciting, functional and attractive environments that will contribute to the life of the community. You'll also develop essential skills in critical thinking, providing you with a strong foundation in the practical, as well as theoretical, art of landscape design.

Career opportunities

A major in Landscape Architecture with further study provides a range of employment options including working as a landscape architect, environmental consultant, urban designer, landscape architectural drafts person, environmental manager, government policy adviser, landscape architecture educator or academic. Work is available in landscape architectural or urban design practices, city and regional planning, land-development companies, conservation agencies or higher education.

Course structure

Level 1 core units

- Design Studio—Groundings
- Techniques of Visualisation

Level 2 core units

- Design Studio
- Site Manipulation

Level 3 core units

- Landscape Architecture Studio—Expansions
- Landscape Architecture Studio—Resolutions
- Plants and Landscape Systems

Complementary units

Students nominating Landscape Architecture as their degree-specific major in the Bachelor of Arts or Bachelor of Philosophy (Honours) course must also study:

- History and Theory of Landscape Architecture
- Landscape Architecture Studio—Considerations
- Structures and Systems

Law and Society

<b>study.uwa.edu.au/law-society</b> <b>handbooks.uwa.edu.au/lawsociety</b>
<b>COURSE REQUIREMENTS</b>
<b>Minimum ATAR score:</b> 80
<b>Prerequisite subjects:</b> None
<b>Recommended subjects:</b> None

From human rights, decisions about birth and death, and crime and justice, to Indigenous rights, freedom of expression and religion, this major examines the impact that law and social policy has on our lives, both nationally and globally.

How do law and society relate to and change each other? How does law actually work in the real world? Is the law the same thing as justice? You will explore a variety of fascinating issues while developing skills in understanding, applying and critiquing socio-legal concepts and issues. With its focus on the social dimensions of law, this major perfectly complements a wide range of studies, including politics, communications, sociology, culture, economics or anthropology.

Career opportunities

Graduates pursue varied careers in the private, non-profit and public sectors, including law-related policy and research roles. They may work in law reform and justice agencies, the civil and criminal justice systems, government, education and academia, and law-relevant fields like management and human resources, media and communications, industrial relations, human rights, social services and legal support.

Course structure

Level 1 core units

- Crime and Society
- Law, Conflict and Change

Level 2 core unit and options

- Law in Action
- Plus two of the following<sup>1</sup>:**
- Birth, Life, Death and the Law
- Criminal Justice System
- Evolution of Human Rights
- Indigenous Peoples and the Law
- International Legal Institutions
- Law and Literature
- Work and the Law

Level 3 core unit and options

- Law, Advocacy, Activism and Change
- Plus two of the following<sup>1</sup>:**
- Creative Expression and the Law
- Crime, Justice and Public Policy
- Gender and the Law
- Law and Contemporary Social Issues
- Law and Religion
- Social Media and the Law

<sup>1</sup> Not all units are available every year.

Linguistics

<b>studyat.uwa.edu.au/linguistics</b> <b>handbooks.uwa.edu.au/linguistics</b>
<b>COURSE REQUIREMENTS</b>
<b>Minimum ATAR score:</b> 80
<b>Prerequisite subjects:</b> None
<b>Recommended subjects:</b> None

From sounds and words, to how language is used in different societies and cultures, linguistics is the study of language and communication. This major aims to give you the broadest possible grounding in contemporary linguistics and enables you to specialise in your areas of interest.

This major includes both fascinating theoretical research and practical field-orientated projects. You'll have the opportunity to work on a variety of linguistic topics including grammatical descriptions and dictionaries of Australian Aboriginal languages, analysis of Australian English and Romance languages, the study of meaning in language, and the relation between language and society. You do not need to know a second language or 'be good at languages' to excel in Linguistics. Many excellent linguists speak only one language; all you need is a healthy curiosity.

Career opportunities

A major in Linguistics provides a foundation for any career that involves language or languages, human social organisation and culture, or the human mind. In addition to research careers, graduates go on to hold careers in language teaching, speech therapy, journalism and broadcasting, translation and interpreting, Indigenous education and support work, and information technology, among others.

Course structure

Level 1 core units

- Language and Communication
- Language as a Cognitive System

Level 2 core units

- Grammatical Theory: The Structure of Sentences
- Language, Culture and Society
- Phonetics and Phonology: The Sounds of the World's Languages

Level 3 core options

Select three:

- Historical Linguistics: Language History and Language Change
- Linguistics of Australian Indigenous Languages
- Linguistic Typology: The Diversity of Languages
- Morphology: The Structure of Words
- Pragmatics: Meaning in Use
- Semantics: Meaning in Language
- Topics in Linguistic Theory

Music: Electronic Music and Sound Design

<b>study.uwa.edu.au/electronic-music</b> <b>handbooks.uwa.edu.au/electronic-music</b>
<b>COURSE REQUIREMENTS</b>
<b>Minimum ATAR score:</b> 80
<b>Prerequisite subjects:</b> None (no audition requirement for this major)
<b>Recommended subjects:</b> None

Combine your love of music and technology in this creative-focused major. The Electronic Music and Sound Design major allows you to explore industry-relevant techniques and technologies as you create professional electronic music compositions. Electronic Music and Sound Design is a creative-focused major where students develop expertise in electronic music composition, sound design and production, programming, and software/hardware instrument design – all skills that are applicable to a range of creative and technical professions.

Studio and lab-based units allow students to think creatively, to invent and to innovate, while they explore and develop ideas toward the formation of new electronic music and sound-art works. The Electronic Music and Sound Design major culminates in a major project of your choosing, such as an album of electronic works, sound installation, film score or live performance.

Career opportunities

Graduates will gain skills applicable to a range of creative and technical professions. Some may pursue careers in areas such as the creative and performing arts, visual arts, the entertainment industry and associated fields. Others may go on to become sound or audio engineers, sound artists or designers.

Course structure

Level 1 core units

- Electronic Music: Methods and Means
- Music Theory for Electronic Musicians

Level 2 core units

- Electronic Music: Experimental Investigations
- Electronic Music: Interactive Systems
- Sound, Image and Space

Level 3 core units

- Sound Art: Advanced Studio
- Sound Art: Major Project

Complementary units

Students nominating Electronic Music and Sound Design as their degree-specific major in the Bachelor of Arts or Bachelor of Philosophy (Honours) course must also study:

- Communication Skills in Music
- Musical Revolutions
- Video Art: Experimental Investigations
- Video Art: Methods and Means

Music General Studies

<b>study.uwa.edu.au/music-general</b> <b>handbooks.uwa.edu.au/music-general</b>
<b>COURSE REQUIREMENTS</b>
<b>Minimum ATAR score:</b> 80
<b>Prerequisite subjects:</b> Audition to demonstrate a musical background equivalent to Music ATAR or AMEB Grade 5
<b>Recommended subjects:</b> None

Combine your passion for performance or composition with other fields of study. In Music General Studies, you can develop your skills in musicology and participate in practical music-making, receiving expert one-on-one performance or composition tuition.



This major can be studied as a second major alongside almost any of UWA's other majors (such as engineering, law and biomedical science). Music General Studies is a stepping stone to a variety of careers within and beyond the music profession. Studying Music General Studies allows you to continue your musical journey while pursuing other fields of interest.

Career opportunities

Well-rounded graduates will benefit from communication, musical, analytical, written and research skills that are desirable in a wide range of professions. Some graduates may pursue careers within the creative arts, while others may use the skills gained in music alongside their other area of study to pursue employment in any number of different areas.

Potential jobs for graduates include artistic director, arts administrator or manager, journalist, music professional, music teacher, primary school teacher, secondary school teacher, musician and university lecturer.

Course structure

Level 1 core units

- Practical Studies A
- Practical Studies B

Level 2 core units

- Music and Practices of Listening
- Music in Action
- Practical Studies C

Level 3 core units and options

- Practical Studies D
- Plus two of the following:**
  - Advanced Ensemble
  - Music in Film, TV and Video Games
  - Music in the Community
  - Music in the Sixties
  - Music, Society, and Ideas

Music Specialist Studies

study.uwa.edu.au/specialist-music  
handbooks.uwa.edu.au/musicspecialist

COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Audition to demonstrate a musical background equivalent to Music ATAR or AMEB Grade 7

**Recommended subjects:** None

Whether you love performing or composing, Music Specialist Studies equips you with the skills for a career in the music profession. Study music at UWA and join one of the world's highest-ranked performing arts programs, working with world-class musicians to develop your skills as an emerging musician or composer.

As a well-equipped 21st century musician, you will have the opportunity to pursue postgraduate training in many areas, including national and international centres of music excellence, and prepare for a career in the creative arts. This major provides you with a rigorous, high-quality tertiary music education and an intensive concentration in a chosen area of specialisation: performance, composition or musicology. This major can only be taken by Bachelor of Arts or Bachelor of Philosophy (Honours) students concurrently enrolled in the Music Studies major.

Career opportunities

Graduates pursue careers in the likes of creative and performing arts, music education, the entertainment industry and associated fields. Many graduates have careers as performing musicians, either with an orchestra or ensemble, as conductors or composers, or a combination of these. Others become music administrators, music or arts managers, music journalists or librarians.

Recent graduate destinations include Australian National Academy of Music, Australian Chamber Orchestra and Australian Brandenburg Orchestra as well as Oxford University, Royal Academy of Music and the Academy of Ancient Music.

Course structure

Level 1 (no core units)

Level 2 core units

- Music Language 3
- Music Language 4
- Principal Studies 3
- Principal Studies 4

Level 3 core units and options

- Music Education in Research and Practice
- Principal Studies 5
- Plus two of the following:**
  - Advanced Ensemble
  - Drama Through Music: Studies in Opera
  - Music in Film, TV and Video Games
  - Music in the Sixties
  - Music in Theory and Practice
  - Principal Studies 6
  - Topics in Performance Practice

Music Studies

study.uwa.edu.au/music  
handbooks.uwa.edu.au/music

COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Audition to demonstrate a musical background equivalent to Music ATAR or AMEB Grade 5

**Recommended subjects:** None

Develop your artistic and creative skills while gaining a broad grounding in music. You will have the opportunity to choose a specialist area of music study in addition to studying common core units. The Music Studies major attracts students from across the University who are keen to develop their passion and skills in music.

Many students combine this major with another area of study. As a result you will experience studying with students from diverse backgrounds, creating a dynamic and engaging learning environment. Students wishing to specialise in performance, composition or musicology should consider taking the Music Studies major concurrently with the Music Specialist Studies major.

Career opportunities

Graduates pursue careers in the creative and performing arts, music education, entertainment industry and associated fields. Many graduates have careers as performing musicians, either with an orchestra or ensemble, as conductors or composers, or a combination of these. Others go on to become music administrators, music journalists, music or arts managers.

Course structure

Level 1 core units

- Musical Revolutions
- Popular Music in Global Perspective

Level 2 core units

- Music and Practices of Listening
- Music in Action
- Music in World Cultures

Level 3 core units and options

- Music, Society, and Ideas
- Plus two of the following:**
  - Advanced Ensemble
  - Drama Through Music: Studies in Opera
  - Music and Identity
  - Music in Film, TV and Video Games
  - Music in the Community
  - Music in the Sixties

- Music in Theory and Practice
- Soundscapes of Australia

Complementary units

Students nominating Music Studies as their degree-specific major in the Bachelor of Arts or Bachelor of Philosophy (Honours) course must also study:

- Music Language 1
- Music Language 2
- Principal Studies 1
- Principal Studies 2

Philosophy

study.uwa.edu.au/philosophy  
handbooks.uwa.edu.au/philosophy

COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** None

**Recommended subjects:** None

The study of Philosophy tackles some of the biggest questions in life while teaching you the crucial skills of thinking critically, writing clearly and reading carefully. The questions explored include: what is justice; how do we know things; what does it mean to be conscious; what is truth; and many more.

Learn to distinguish between good and bad arguments, and make informed recommendations on contentious issues. Studying Philosophy allows you to explore a vast range of influential ideas, from the ancient philosophers (whose works are preserved in manuscripts from India, China and Greece) right down to cutting-edge contemporary work on pressing ethical issues, the nature of mind and artificial intelligence.

Career opportunities

In business and the public service, Philosophy graduates can be found in areas such as strategic planning, where their conceptual and analytical skills and the ability to see the big picture are highly valued. With a growing awareness of corporate, medical and environmental ethics, students who specialise in ethics have the skills and opportunity to make an important contribution to work in these areas.

Course structure

Level 1 core units

- God, Mind and Knowledge
- Introduction to Critical Thinking
- Justice and Contemporary Ethics

Level 2 core units

Select three:

- Bioethics
- Exploring the Nature of Science
- History of Political Ideas
- Knowledge and the Justification of Belief
- Logic: How to Defeat Your Foes with Reasoning
- Philosophy of Mind
- Philosophy of Psychology and Psychiatry
- Philosophy of Religion

Level 3 core units

Select three:

- Advanced Logic
- Aesthetics
- Contemporary Political Theory
- Continental Philosophy: The Origin and Influence of Phenomenology
- Metaphysics: A User's Guide to Time Travel
- Moral Theory
- Philosophy East and West
- What to Do? How to Make Rational Decisions under Uncertainty

Philosophy, Politics and Economics (double major)

study.uwa.edu.au/philosophy-politics-economics  
handbooks.uwa.edu.au/ppe

COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** None

**Recommended subjects:** None

Combining economic thinking, moral philosophy and politics, this course prepares students for employment in professions that deal with a broad scope of political and economic life.

The study of politics had its origins in philosophy; and the study of the political economy, which we now call economics, also had its origins in both philosophy and politics. The Philosophy, Politics and Economics double major is a challenging and rigorous program that allows students to consider social and political life through the multidisciplinary perspectives provided by philosophy, politics and economics.

Students will identify and evaluate assumptions underpinning philosophical, political and/or economic viewpoints on social and legal topics, as well as demonstrate sound research skills and written and oral communication skills.

Career opportunities

This is an undergraduate program that targets employment in the areas of public service agencies such as Treasuries, Department of Premier and Cabinet/Department of Prime Minister and Cabinet and line agencies; and politician's staff. It is also envisaged that PPE graduates will find careers in the private sector, such as political and economic journalists or as policy advisors in private sector agencies that deal with government (e.g. Chamber of Commerce and Industry).

Course structure

Level 1 core units

- Microeconomics: Prices and Markets
- Introduction to Critical Thinking
- The Liberal Democratic State

Level 2 core units

- Bioethics
- Foundations of Global Political Economy
- Knowledge and the Justification of Belief
- Microeconomics: Policy and Applications
- Rise of the Global Economy

Level 3 core units

- Economic Policy
- Integrating Philosophy, Politics and Economics

Complementary units

- Evolution of Human Rights (Level 2)
- History of Political Ideas (Level 2)
- History of Economic Ideas (Level 3)
- Law, Conflict and Change (Level 1)

Plus two from the following:

Level 3 philosophy units:

- Aesthetics
- Continental Philosophy: The Origin and Influence of Phenomenology
- Moral Theory
- What to Do? How to Make Rational Decisions under Uncertainty

Plus two from the following

Level 3 politics units:

- Contemporary Political Theory
- Democratisation in Asia
- Global Environmental Politics
- Social Movements and the Politics of Change

Political Science and International Relations

study.uwa.edu.au/political-science  
handbooks.uwa.edu.au/politicalscience

COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** None

**Recommended subjects:** None

Gain an understanding of governments and political systems in Australia and internationally, and the values and ideologies that have motivated political action in modern society. Societies can only continue to exist if they solve the problem of internal order and are able to protect themselves from external threats.

This major focuses on the ways in which states and peoples interact with other states, regional or global political organisations, and social movements in an increasingly interdependent world. Gain an understanding of how government is organised; of values such as liberty, participation, majority rule and minority rights, which inform political institutions and public policy; and of ideologies such as conservatism, liberalism, socialism, feminism and environmentalism, which have motivated much political action in modern societies.

Career opportunities

Graduates of this major are not only found in political parties, ministers' offices and parliament – many pursue careers in Commonwealth or WA public services including the Department of Foreign Affairs and Trade. Others enter journalism or a wide range of organisations in Australia and internationally, or use their training as a basis for further study in law, education, social work, communications and other areas.

Course structure

Level 1 core units

- The Contemporary International System
- The Liberal Democratic State

Level 2 options

Select three:

- Australian Politics: Institutions, Campaigning and Spin
- Foundations of Global Political Economy
- Foundations of Public Policy
- Global Governance
- History of Political Ideas
- International Relations in East Asia
- Politics in the USA
- Politics of the Mass Media
- Strategy, Diplomacy and Conflict
- The Politics of Gender

Level 3 options

Select three:

- Australian Foreign Policy
- Contemporary Political Theory
- Democratisation in Asia
- Global Environmental Politics
- Islam and World Politics
- Political Science Internship
- Politics in Greater China
- Politics of New Europe
- Social Movements and the Politics of Change
- South Asia and the Middle East: Foreign Relations and Politics
- The International Politics of Africa

Psychology (double major)

study.uwa.edu.au/psychology  
handbooks.uwa.edu.au/psychology

COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Applications ATAR or an additional Mathematics unit taken in the first year

**Recommended subjects:** Mathematics

**Methods ATAR**

Psychology is a fascinating and diverse area of study that touches upon many aspects of daily life, seeking to answer questions about how and why people behave the way they do.

A Psychology double major helps you develop a scientific understanding of human thoughts and behaviours, the psychological processes underlying these and the relationship of these processes to brain function. You'll find an emphasis on the measurement of psychological abilities, on how these develop throughout life, and on the processes that govern the relationships between people and groups in society. The Psychology double major has been awarded Accreditation without conditions by the Australian Psychology Accreditation Council (APAC) as a three-year psychology sequence.

Career opportunities

Career opportunities are varied because graduates are prepared for an occupation in which knowledge of human behaviour, psychological measurement techniques, and experimental design and data analysis are valuable. Possible careers could be in business, teaching, market research, welfare and politics. The Psychology double major can also lead to further study and professional qualifications in psychology.

Course structure

Level 1 core units

- Psychology: Behaviour in Context
- Psychology: Mind and Brain

Level 2 core unit and options

- Introduction to Quantitative Methods in Psychology

Plus two of the following:

- Adult Psychopathology
- Cognitive Neuroscience
- Cognitive Psychology
- Industrial and Organisational Psychology
- Perception and Sensory Neuropsychology
- Psychology and Social Behaviour
- Psychology: Atypical Development
- Psychology: Lifespan Development

Level 3 core units

- Intermediate Quantitative Methods in Psychology
- Psychological Measurement and its Application
- Psychological Science in the Modern World
- Psychology: Specialist Research Topics

Plus four from the following:

- Psychology: Atypical Development
- Industrial and Organisational Psychology
- Psychology and Social Behaviour
- Psychology: Lifespan Development
- Adult Psychopathology
- Cognitive Psychology
- Cognitive Neuroscience
- Perception and Sensory Neuropsychology

Complementary units

Students taking the double major in Psychology who have not undertaken ATAR Mathematics: Applications or WACE Mathematics 2C/2D or equivalent or higher must take:

- Mathematics Fundamentals



## Psychology in Society

[study.uwa.edu.au/psychology-in-society](http://study.uwa.edu.au/psychology-in-society)  
[handbooks.uwa.edu.au/psychologysociety](http://handbooks.uwa.edu.au/psychologysociety)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** None  
**Recommended subjects:** None

How do groups communicate? How do attitudes to alcohol consumption develop? Can panic be controlled? Psychology allows you to explore how and why people behave the way they do.

The Psychology in Society major helps you build a scientific understanding of human behaviour and its underlying psychological processes. The major has a particular emphasis on developmental psychology, social psychology, intelligence and personality and abnormal psychology.

#### Career opportunities

Career opportunities are varied, as graduates are prepared for an occupation in which knowledge of human behaviour, psychological measurement techniques, and experimental design and data analysis is valuable. Possible careers could be in business, teaching, market research, welfare and politics.

### Course structure

#### Level 1 core units

- Psychology: Behaviour in Context
- Psychology: Mind and Brain

#### Level 2 core unit and option

- Introduction to Quantitative Methods in Psychology

#### Plus one of the following:

- Adult Psychopathology
- Industrial and Organisational Psychology
- Psychology and Social Behaviour
- Psychology: Lifespan Development

#### Level 3 core units and options

- Psychological Measurement and its Application
- Psychological Science in the Modern World

#### Take two units, with at least one from Group A: Group A

- Adult Psychopathology
- Industrial and Organisational Psychology
- Psychology and Social Behaviour
- Psychology: Lifespan Development

#### Group B

- Cognitive Neuroscience
- Cognitive Psychology
- Perception and Sensory Neuropsychology
- Psychology: Atypical Development

## Spanish Studies

[study.uwa.edu.au/spanish](http://study.uwa.edu.au/spanish)  
[handbooks.uwa.edu.au/spanish](http://handbooks.uwa.edu.au/spanish)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** None  
**Recommended subjects:** None

Spanish is a global language and considered the second most-spoken native language in the world. By studying the language, you will experience the culture and learn about the lifestyle and achievements of Spaniards in Spain and in the 20 Spanish-speaking countries around the world.

This major equips you with fluency in spoken and written modern Spanish. Not only will you learn the language, you'll also study Spanish literature, films and popular cultures. This is sure to provide you with a holistic and stimulating cultural and educational experience. Spanish Studies is offered to beginners, and will help you achieve a highly functional level of competency in listening, speaking, writing and reading Spanish.

#### Career opportunities

European language graduates are well qualified for careers in all areas that involve interpersonal and communication skills, especially when dealing with people from a range of cultural backgrounds. These include travel, hospitality, publishing, theatre, commerce, international relations, the diplomatic services, teaching and interpreting and translating. Knowledge of a foreign language has helped graduates secure jobs in international banking, journalism and communications, medical areas, music and the arts. Students majoring in Spanish Studies should also consider furthering their studies by taking a Master of Translation Studies to gain a prestigious professional qualification.

### Course structure<sup>1</sup>

#### Level 1 Beginners

- Spanish Studies 1
- Spanish Studies 2

#### Level 2 Beginners

- Spanish Studies 3
- Spanish Studies 4
- Tradition vs Modernity: Understanding Spain Today

#### Level 3 Beginners

- Literature in Spanish
- Spanish Studies 5
- Spanish Studies 6

<sup>1</sup> The Spanish Studies major requires no previous knowledge of Spanish. As the major is only offered from beginner level, candidates with existing competence in Spanish language should contact the course convenor to discuss whether they will be able to enrol to study for the major.

## Work and Employment Relations

[study.uwa.edu.au/employment-relations](http://study.uwa.edu.au/employment-relations)  
[handbooks.uwa.edu.au/employmentrelations](http://handbooks.uwa.edu.au/employmentrelations)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** None  
**Recommended subjects:** None

Blend politics, law, sociology, economics, history and more, as Work and Employment Relations focuses on the dynamics of workplace relations between employers and employees, as well as the wider impact of employment relations on the economy, society and politics.

In this major you'll study how work is organised, the way employees are managed, the role of unions, how cooperation and negotiation can be developed, and how conflict can emerge and be managed. The nature of employment relations in both Australia and other countries is examined using institutional and sociological perspectives. This major is taught through a combination of lectures, tutorials, workshops and other in-class activities. At the UWA Business School, you'll study work and employment relations with renowned lecturers and professors who are at the leading edge of research and practice in Australia and internationally, ensuring the knowledge you develop through this course will set you apart as a graduate in this field.

#### Career opportunities

The Work and Employment Relations major is beneficial for those aspiring to work in a management position in the private or government sector, for a union, or for those wishing to become involved in industrial law.

### Course structure

#### Level 1 core units

- Introduction to Employment Relations
- Social Psychology of Work

#### Level 2 core units

- Australian Employment Relations
- Work and the Law

#### Level 3 core units

- Globalisation and Work
- International Employment Relations
- Managing Diversity
- Negotiation: Theory and Practice







# Bachelor of Biomedical Science

UWA COURSE  
CODE  
**BP006**

CRICOS CODE  
**095001B**

DURATION  
**3**  
YEARS  
FULL TIME

INTAKE  
FEBRUARY  
AND JULY

2019<sup>^</sup>  
TUITION FEES  
**AUD\$37,800**  
PER YEAR

[study.uwa.edu.au/biomedical-science](https://study.uwa.edu.au/biomedical-science)

<sup>^</sup> All fees quoted are for 2019 unless specifically stated otherwise. 2020 fees will be available from [fees.uwa.edu.au](https://fees.uwa.edu.au) when published.

The Bachelor of Biomedical Science is an exciting undergraduate degree designed to meet growing global demand for graduates with health expertise. You can specialise in one or two of the majors available in this degree, or combine a Biomedical Science major with a major from Arts, Commerce or Science, in line with your unique interests and career goals.

As a Biomedical Science student, you'll be taught by world-class researchers in cutting-edge laboratories and tutorial rooms at UWA's main campus and at the Queen Elizabeth II Health Campus (QEII). After graduating, you could pursue a career or further study in areas as diverse as clinical practice, medical technology, medical research or public health.

## Why study Biomedical Science?

The Bachelor of Biomedical Science is a practical degree that equips students with the essential knowledge and skills to impact the health of people and populations. You will first gain a sound understanding of how the human body functions in healthy and diseased states, barriers to healthcare and methods for treatment. This degree could lead you to a career developing public health policy, or designing medicines to alleviate symptoms or vaccines to prevent diseases.

## Career-ready

You'll be given the opportunity to participate in community engagement through structured visits to health organisations, voluntary work experience programs, field trips and assignments linked with the health sector. You'll also gain critical skills in laboratory practice and research.

## Beyond your degree

Graduates can seek employment in a range of health-related industries, including research, pharmaceuticals, public health and medical technology. Preventive healthcare opportunities will continue to grow as the populations of countries such as Australia, Japan and those in many parts of Europe increase in age. Students wishing to become practitioners in their related disciplines will need to complete further postgraduate studies.

## You can major in

- Aboriginal Health and Wellbeing
- Anatomy and Human Biology
- Biochemistry and Molecular Biology
- Exercise and Health
- Genetics
- Humanities in Health and Medicine
- Medical Sciences <sup>1</sup>
- Microbiology and Immunology
- Neuroscience
- Pathology and Laboratory Medicine
- Pharmacology
- Physiology
- Population Health
- Science Communication (second major only)

<sup>1</sup> The Medical Sciences major requires a 94 ATAR. Quota restrictions apply for this course.

*"Initially I wasn't too sure what career path to go down. I found Population Health and Management both led to a number of career options and really complemented each other. The further into my degree I got, the more I realised the changing demands of the Australian health system and the need for strong leadership and management within the health sector. I believe UWA produces well-educated, confident graduates who are passionate about solving real-world problems, and it has a great environment for fostering future leaders. Studying Population Health and Management at UWA has truly set me apart from other graduates, while providing me with a first-class education."*

**Lucy Tillotson – Population Health and Management**




**UWA HEALTH  
CAMPUS**  
SURROUNDED BY  
WORKING HOSPITALS  
AND INTERNATIONALLY  
RENOWNED ORGANISATIONS



**39<sup>th</sup>**  
IN THE WORLD FOR  
CLINICAL MEDICINE <sup>2</sup>



**INVESTMENT**  
IN STUDENT LEARNING  
WITH AN ULTRA-MODERN  
MEDICAL TEACHING AND  
LEARNING FACILITY



**\$57k**  
MEDIAN GRADUATE  
STARTING SALARY <sup>3</sup>

<sup>2</sup> ARWU 2018.

<sup>3</sup> Graduate Outcomes Survey, 2018. Expected salary may be higher on completion of postgraduate study.



# Course structure

## Aboriginal Health and Wellbeing

[study.uwa.edu.au/aboriginal-health](http://study.uwa.edu.au/aboriginal-health)  
[handbooks.uwa.edu.au/aboriginal-health](http://handbooks.uwa.edu.au/aboriginal-health)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisites:** Mathematics Applications ATAR or a Mathematics unit may be required as part of your degree

**Recommended subjects:** Mathematics Applications ATAR or higher

Through this major, you'll gain a broad introduction to health and wellbeing from an Aboriginal perspective, as well as a deeper appreciation of the underlying issues that influence health and wellbeing from historical, cultural, environmental, political and spiritual perspectives. You'll acquire an understanding of particular health problems and their impacts, and knowledge of the strategies, policies and practices that have been implemented to improve health and wellbeing.

### Career opportunities

Graduates are prepared for careers in Aboriginal health research, policy, management and practice in Aboriginal and government contexts. You could also pursue honours or postgraduate studies.

### Course structure

#### Level 1 core units

- Aboriginal Encounters: Strangers in our Backyard
- Boodjar Moort Katitjin: Introduction to Indigenous Heritage and Knowledge

#### Level 2 core units

- Aboriginal Health and Wellbeing
- Indigenous Knowledge: Mind, Body and Spirit

#### Level 3 core units

- Aboriginal Health Community Organisation Placement
- Aboriginal Health Research Project
- Aboriginal Social and Emotional Wellbeing
- Indigenous Research

### Complementary units

Students nominating Aboriginal Health and Wellbeing as their degree-specific major in the Bachelor of Biomedical Science or Bachelor of Philosophy (Honours) course must also study:

- Communication and Project Planning in Health
- Foundations of Epidemiology and Biostatistics
- Human Biology I: Becoming Human
- Human Biology II: Being Human

## Anatomy and Human Biology

[study.uwa.edu.au/anatomy](http://study.uwa.edu.au/anatomy)  
[handbooks.uwa.edu.au/anatomy](http://handbooks.uwa.edu.au/anatomy)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Methods ATAR or Mathematics Applications ATAR with a Mathematics unit taken in the first year

**Recommended subjects:** None

What is it that makes us human? The Anatomy and Human Biology major allows you to explore

the fascinating concept of what it means to be human in an integrative way, combining studies of the behaviour and biology of human beings with current social and ethical issues.

This major covers human functional anatomy, genetics, variation and evolution, reproduction, embryology and growth, microscopic structures of cells and tissues, structure and function of the nervous system, and ecology, behaviour and biosocial interactions. You'll explore all of these from the molecular to the population level and beyond.

### Career opportunities

Graduates can find jobs in areas such as assisted reproductive technologies, pharmaceutical training and neuroscience. There are also opportunities for employment as scientists in commercial organisations, or in sales associated with these types of organisations, in public science education, in museums and in the media.

### Course structure

#### Level 1 core units

- Human Biology I: Becoming Human
- Human Biology II: Being Human

#### Level 2 options

**Complete all units in a group of your choice: Group A**

- Human Structure and Development *and* Human Reproductive Biology

#### Group B

- Human Organs and Systems *and* Human Reproductive Biology

#### Group C

- Human Structure and Development *and* Biological Anthropology: Human Adaption and Variation

#### Group D

- Human Organs and Systems *and* Biological Anthropology: Human Adaption and Variation

#### Level 3 options

**Select one:**

- Human Biology: Applications and Investigations I
- Human Biology: Applications and Investigations II

**Plus three of the following:**

- Biological Anthropology: Genes and Society
- Cells, Tissues and Development
- Human Evolutionary Ecology
- Human/Primate Social Organisation
- Human Reproduction
- Human Structure and Function

### Complementary units

Students who have not completed Mathematics Applications ATAR or higher must also study Mathematics Fundamentals

## Biochemistry and Molecular Biology

[study.uwa.edu.au/biochemistry](http://study.uwa.edu.au/biochemistry)  
[handbooks.uwa.edu.au/biochemistry](http://handbooks.uwa.edu.au/biochemistry)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Methods ATAR or Mathematics Applications ATAR with a mathematics unit taken in the first year; and Biology ATAR or Human Biology ATAR or a Biology or Human Biology unit taken in the first year; and Chemistry ATAR or a Chemistry unit taken in the first year

**Recommended subjects:** None

What are genes? How do hormones work? What goes wrong in a cancer cell? If these questions are of interest, then the Biochemistry and Molecular Biology major may be for you. Biochemists and molecular biologists are interested in the molecular functions of all living organisms, from the smallest bacterium to the largest whale. You'll study the way molecules are organised and how they interact to achieve the functions of the living cell and those of the organism. Your investigations will cover three main areas: the information stored in DNA; molecular interactions; and how organisms gain and use energy.

### Career opportunities

Graduates may find a career in areas such as research institutes, universities, CSIRO, hospitals, the healthcare industry, the pharmaceutical industry, general and scientific sales, food manufacturing, government and advisory services, biotechnology, teaching in schools and universities, or diagnostic services in medicine and agriculture.

### Course structure

#### Level 1 core unit and option

- Molecular Biology of the Cell

**Plus one of the following:**

- Biological Chemistry
- Chemistry—Structure and Reactivity

#### Level 2 core units

- Biochemistry and Molecular Biology of the Cell
- Biochemical Regulation of Cell Function

#### Level 3 core units

- Cellular Biochemistry
- Molecular Biology
- Omics—Global Approaches to Cell Function
- Structural and Functional Biochemistry

### Complementary units

Students nominating Biochemistry and Molecular Biology as their degree-specific major in the Bachelor of Biomedical Science, Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Chemistry—Properties and Energetics (for students with Chemistry ATAR)
- Introductory Chemistry (for students without Chemistry ATAR)
- Statistics for Science

## Exercise and Health

[study.uwa.edu.au/exercise-health](http://study.uwa.edu.au/exercise-health)  
[handbooks.uwa.edu.au/exercisehealth](http://handbooks.uwa.edu.au/exercisehealth)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Applications ATAR or a Mathematics unit taken in the first year

**Recommended subjects:** Mathematics Methods ATAR

Are you passionate about exercise and health? Do you want to educate and inspire others about keeping fit and being healthy? The health industry is a vital part of Australian life, with professional graduates playing a key role, through policy and practice, across all life stages.

You'll develop knowledge and skills in the exercise and health domain, with relevant training for careers in the health education, exercise rehabilitation, health-service delivery, and fitness industries. Your knowledge and skills will also complement other science areas, potentially leading to postgraduate professional training.

### Career opportunities

Opportunities exist in healthy-lifestyle programming for the community and industry, sports development, health and fitness coordination and program management, and as an exercise scientist. You may decide to pursue postgraduate studies in education, teaching, rehabilitation, physiotherapy, occupational therapy, recreation management, health promotion, medicine or work health and safety.

### Course structure

#### Level 1 core units

- Applied Anatomy and Athletic Performance
- The Musculoskeletal System and Movement

#### Level 2 core units

- Exercise Physiology
- Promoting Lifelong Physical Activity
- Psychosocial Aspects of Sport, Exercise and Health

#### Level 3 core units and option

- Exercise Prescription and Nutrition for Health and Fitness
- Lifespan Motor Development

**Plus one of the following:**

- Coaching Psychology
- Psychology of Sport

### Complementary units

Students nominating Exercise and Health as their degree-specific major in the Bachelor of Biomedical Science, Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Mathematics Fundamentals (for students without Mathematics Applications ATAR or higher)
- Physical Fitness and Health
- Psychology: Behaviour in Context

## Genetics

[study.uwa.edu.au/genetics](http://study.uwa.edu.au/genetics)  
[handbooks.uwa.edu.au/genetics](http://handbooks.uwa.edu.au/genetics)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Methods ATAR or Mathematics Applications ATAR with a mathematics unit taken in the first year; and Biology ATAR or Human Biology ATAR or a Biology or Human Biology unit taken in the first year; and Chemistry ATAR or a Chemistry unit taken in the first year.

**Recommended subjects:** None

Genetics is the study of biologically inherited traits as diverse as those that cause human disease, allow a rare plant to live in a single isolated location, or result in a desirable characteristic of a domestic animal used in agriculture.

This major provides a broad overview of the universal principles, potentials and problems of DNA-based life. You'll learn how traits are inherited, how genetic processes control development and diseases, and how and why genomes are studied. Through hands-on lab sessions, teamwork, interactive tutorials and theoretical foundations, you'll develop skills in critical thinking, experimental design, data analysis and interpretation, and oral and written communication.

### Career opportunities

This major is your path to a global career as a geneticist. A geneticist can be a researcher in medicine, molecular biology and genetics; a genetic counsellor; a plant or animal breeder; an ecologist; or can work in pharmacology and other specialities.

### Course structure

#### Level 1 core unit and option

- Molecular Biology of the Cell

**Plus one of the following:**

- Frontiers in Biology
- Human Biology I: Becoming Human

#### Level 2 core units

- Molecular Genetics I
- Principles of Inheritance

#### Level 3 core units and option

- Evolution and Development
- Genomics
- Molecular Genetics II

**Plus one of the following:**

- Evolutionary Processes
- Medical Genetics

### Complementary units

Students nominating Genetics as their degree-specific major in the Bachelor of Biomedical Science, Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Statistics for Science

### Students with Chemistry ATAR must take:

- Statistics for Science; and either
- Chemistry—Properties and Energetics or
- Biological Chemistry

### Students without Chemistry ATAR must take:

- Statistics for Science
- Introductory Chemistry

## Humanities in Health and Medicine

[study.uwa.edu.au/humanities-health-medicine](http://study.uwa.edu.au/humanities-health-medicine)  
[handbooks.uwa.edu.au/hhm](http://handbooks.uwa.edu.au/hhm)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** None

**Recommended subjects:** Mathematics Applications ATAR or higher

Humanities in Health and Medicine at UWA is an interdisciplinary, humanistic and cultural study of health, illness, healthcare, and the human body, mind and spirit.

Effective healthcare professionals need not only to understand the workings of the body from a scientific perspective, but also to know how people and societies function, and the art and science of caring for people. A caring health professional is assisted by interpretive ability and insight, applies ethical sensitivity and has an awareness of their own values and attitudes.

This major balances the educational experience for students where arts and humanities subjects might contribute to their preparedness for a cycle two degree in the health professions. As well as taking units that will broaden understanding of disciplines within the humanities field, students will appreciate different models of health and healthcare – cultural and spiritual, including Aboriginal health; be immersed in the areas of narrative medicine and literature – fiction and non-fiction; explore the application of arts and music to health and wellbeing; and develop their own creativity, communication and empathy skills.

Any student already planning a career in medicine, dentistry or as a health professional in healthcare policy or law, psychology, public/global health, social work, patient advocacy, or health journalism will benefit from completing this major. The major is coordinated by the Division of Health Professions Education in the School of Allied Health and is a collaboration with the Medical School.

### Career opportunities

A major in medical humanities is intended primarily for undergraduate students who are planning careers in healthcare. As a Humanities in Health and Medicine graduate, possible careers include:

- health education
- public health
- community health
- healthcare administration
- consumer advocate

### Course structure

#### Level 1 core units

**Take two of the following:**

- Being Human: Culture, Identity and Society
- Reading Bodies
- Aboriginal Encounters: Strangers in our Backyard
- Law, Conflict and Change
- Neuroscience in Society
- Introduction to Critical Thinking
- Psychology: Behaviour in Context
- Health and Illness in Human Populations

#### Level 2 core units

- Humanities in Health and Medicine

**Plus two of the following:**

- Aboriginal Health and Wellbeing
- Sex, Gender and Social Life
- Mental Wellbeing for Today's World
- Birth, Life, Death and the Law
- Bioethics
- Problems in Philosophical Psychology
- Plagues, Pox and Pandemics: the History of Death and Disease
- Aesthetic Crossovers of Art and Science

#### Level 3 core units

- Narrative Medicine for Research, Education and Practice
- Application of Humanities to Health Care
- Building the bridge while walking over it: the journey to person centred health care

## Medical Sciences

[study.uwa.edu.au/medical-sciences](http://study.uwa.edu.au/medical-sciences)  
[handbooks.uwa.edu.au/medicalsciences](http://handbooks.uwa.edu.au/medicalsciences)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 94

**Prerequisite subjects:** Mathematics Applications ATAR or a Mathematics unit taken in the first year, and Chemistry ATAR or a Chemistry unit taken in the first year

**Recommended subjects:** Mathematics Methods ATAR

**Note:** Quota restrictions apply for this course; only available for Semester 1 commencement

Medical Sciences integrates knowledge of how the human body functions and how it reacts to disease and pharmacological treatment for disease, with the skills needed for a range of clinical and academic health professions. Developed with leading clinical practitioners and educators, this major equips students with a strong foundation in medical sciences. Through the integration of theory and practical laboratory experiments, you'll develop critical skills and knowledge across pre-clinical scientific disciplines. You'll be introduced to key concepts and methods in clinical epidemiology, research study design and statistical reasoning.

### Career opportunities

The Medical Sciences major ensures you gain a strong and thorough knowledge base in a range of essential disciplines including anatomy, biochemistry, microbiology, pathology, genetics, pharmacology, population health and physiology.

This knowledge base is easily and flexibly applied to potential postgraduate education pathways in health and science, and numerous professional-related career paths. Medical Sciences graduates will have careers that span research, education, health administration and policy, and clinical practice.

Students who successfully complete the major may be granted admission credit of 48 points (one year) towards UWA's Doctor of Medicine, Doctor of Dental Medicine or Doctor of Podiatric Medicine.

### Course structure

#### Level 1 core units

- Form and Function
- The Facts of Life



Level 2 core units

- Body Defences
- Blood and Drugs

Level 3 core units

- Body Systems and Disease I
- Body Systems and Disease II
- Body Systems and Disease III
- Body Systems and Disease IV

Complementary units

Students nominating Medical Sciences as their degree-specific major in the Bachelor of Biomedical Science or Bachelor of Philosophy (Honours) course must also study:

- Cell Survival and Communication
- Medical Sciences Research Methodologies
- Health and Society
- Human Development and Genetics

Students without Chemistry ATAR take:

- Introductory Chemistry

Students without Mathematics ATAR take:

- Mathematics Fundamentals (in the first year)

## Microbiology and Immunology

study.uwa.edu.au/microbiology  
handbooks.uwa.edu.au/microbiology

COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Chemistry ATAR or a Chemistry unit taken in the first year

**Recommended subjects:** Mathematics Applications ATAR and Biology ATAR or Human Biology ATAR

Microbes are organisms too small to be seen without a microscope, and microbiology is the study of these organisms and the role they play in health, disease and environment.

Microbiology covers fields from immunology, which studies how the body's immune system protects itself from infectious disease, to microbial genetics and genetic engineering. Your studies can be applied in areas as diverse as medicine, food spoilage, control of environmental pollution and space science. You'll receive a thorough grounding in the scientific basis of the discipline and its real-world applications. As a graduate, you will be eligible for membership with the Australian Society for Microbiology (ASM), the national scientific and employment body of the profession.

Career opportunities

Career opportunities for graduates exist in the healthcare industry, pharmaceutical industry, hospitals and biomedical research institutes, environmental science, mining industry, biotechnology companies and private laboratories. Other options include further study and employment in both research and clinical positions in public health; agricultural, veterinary and university laboratories; and the CSIRO.

Course structure

Level 1 core unit and option

- Molecular Biology of the Cell
- Plus one of the following:**

- Frontiers in Biology
- Human Biology I: Becoming Human
- Human Biology II: Being Human

Level 2 core units

- Introduction to Infectious Diseases and Immunology
- Introductory Microbiology

Level 3 core units

- Applied and Environmental Microbiology
- Bacteria and Bacterial Disease
- Immunobiology and Immune Diseases
- Viruses and Viral Disease

Complementary units

Students nominating Microbiology and Immunology as their degree-specific major in the Bachelor of Biomedical Science, Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Communicating Science

## Neuroscience

study.uwa.edu.au/neuroscience  
handbooks.uwa.edu.au/neuroscience

COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year

**Recommended subjects:** Chemistry ATAR and Physics ATAR

How do we process sensory stimuli? How do medical conditions such as Alzheimer's disease, deafness, dementia and depression affect the brain and nervous system? This major looks at concepts in human and experimental neuroscience, introducing you to research techniques and providing a solid background on what we know about the normal and abnormal/injured brain. Academics with international reputations in research will teach you about the nervous system, from the transfer of information from one nerve cell to another, to the complexities of how behaviour, thought and emotions are produced.

Career opportunities

Neuroscience is a diverse, multidisciplinary science and graduates will be well suited to a range of employment destinations, including research and clinical laboratories and government agencies.

Course structure

Level 1 core units

- Psychology: Behaviour in Context
- Psychology: Mind and Brain

Level 2 core units

- Human Neurobiology
- Physiology of Cells

Level 3 core units

- Advanced Neuroscience 1
- Advanced Neuroscience 2
- Comparative Neurobiology
- Neuroscience

Complementary units

Students nominating Neuroscience as their degree-specific major in the Bachelor of Biomedical Science, Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Communicating Science

Plus one pair of units:

- Frontiers in Biology *and* Molecular Biology of the Cell
- Human Biology I: Becoming Human *and* Human Biology II: Being Human
- Human Biology I: Becoming Human *and* Molecular Biology of the Cell

Plus one of the following:

- Cognitive Neuroscience
- Perception and Sensory Neuropsychology

## Pathology and Laboratory Medicine

study.uwa.edu.au/pathology  
handbooks.uwa.edu.au/pathology

COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Chemistry ATAR, and Human Biology ATAR or Biology ATAR. International students who do not have Biology and Chemistry cannot complete this major if they start mid-year

**Recommended subjects:** Mathematics Applications ATAR and Chemistry ATAR

Pathology and Laboratory Medicine can be considered the basis of modern scientific medical knowledge and plays a critical role in evidence-based medicine. This major provides you with a thorough understanding of the scientific basis of diagnosing, treating and preventing human disease, as well as an appreciation of how medical research forms new insights into disease every day. You will be taught by medical practitioners involved in the diagnosis and treatment of these conditions and by pathologists, researchers, physicians and medical scientists engaged in various disciplines of pathology. You'll be given the opportunity to interact with traditional academic staff, as well as working professional pathologists from PathWest.

Career opportunities

There are numerous professional pathways on offer such as employment in a range of allied and paramedical fields, university and hospital laboratory research, the healthcare or pharmaceutical industry and diagnostic laboratories.

Course structure

Level 1 core units

- Biological Chemistry
- Molecular Biology of the Cell

Level 2 core units

- Fundamentals of Pathology and Laboratory Medicine
- Introduction to Human Disease

Level 3 core units

- Cancer Pathology
- Immunobiology and Immune Diseases
- Medical Genetics
- Pathology and Laboratory Medicine II

Complementary units

Students nominating Pathology and Laboratory Medicine as their degree-specific major in the Bachelor of Biomedical Science or Bachelor of Philosophy (Honours) course must also study:

- Frontiers in Biology
- Introductory Chemistry (for students without Chemistry ATAR)

Plus two of the following:

- Biochemistry and Molecular Biology of the Cell
- Introduction to Infectious Diseases and Immunology
- Molecular Medicine

## Pharmacology

study.uwa.edu.au/pharmacology  
handbooks.uwa.edu.au/pharmacology

COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Chemistry ATAR, and Human Biology ATAR or Biology ATAR. International students who do not have Biology and Chemistry cannot complete this major if they start mid-year

**Recommended subjects:** Mathematics Applications ATAR and Chemistry ATAR

Pharmacology provides a modern understanding of how medicines produce their effects on the body and how such knowledge is used to alleviate suffering caused by disease.

In this major you'll learn how common drugs target specific receptors in body tissues, exerting effects as either agonists or antagonists. You'll also explore the major biochemical pathways that are activated when drugs interact with their respective receptors. Other key topics include pharmacokinetics, drug metabolism, drug dependence, toxicology, pharmacogenomics and drug discovery. This major provides an appreciation of how drugs produce changes in key bodily functions such as blood pressure, lung performance or pain perception.

Career opportunities

Pharmacology graduates have pursued pathways such as research in a hospital (diagnostic or research lab), employment in a pharmaceutical industry (research or commercial setting), clinical trials coordinators, state or federal regulatory agencies with oversight for drug use, science education (secondary or tertiary sector) and vocational study.

Course structure

Level 1 core unit and option

- Molecular Biology of the Cell

Plus one of the following:

- Biological Chemistry
- Chemistry—Structure and Reactivity

Level 2 core units

- Foundations of Pharmacology
- Human Pharmacology

Level 3 core units

- Molecular Pharmacology
- Molecular Pharmacology Methods
- Systems Pharmacology
- Systems Pharmacology Methods

## Physiology

study.uwa.edu.au/physiology  
handbooks.uwa.edu.au/physiology

COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Methods ATAR or Mathematics Applications ATAR with a mathematics unit taken in the first year

**Recommended subjects:** Chemistry ATAR and Physics ATAR

How does your body cope with stresses such as intense exercise, blood loss and dehydration? How does your nervous system respond to the world around you? Physiology provides answers to these questions and teaches you how the human body works.

This major provides a detailed understanding of how the human body works, from the molecular and cellular level, to tissues and organs, and explains how these interact with the environment to produce beneficial results for the organism. You'll also examine diseases, and the changes that occur at the molecular and cellular level and how these impact on whole-body function. Through these investigations you will come to understand how physiologists contribute to the development of new diagnostic and therapeutic strategies to combat the mechanisms of disease.

Career opportunities

Physiology can lead to a career in research laboratories and the biomedical industry. There is growing demand for graduates to investigate the action of genes in the body. Graduates are well prepared for careers requiring postgraduate study, such as medicine, pharmacy and clinical audiology. Opportunities exist for employment as scientists in commercial organisations or in sales and in public science education. If you have combined your major with qualifications in the area of sport science or exercise and health, you could also find a career in health promotion and fitness.

Course structure

Level 1 options

Select two:

- Frontiers in Biology
- Human Biology I: Becoming Human
- Human Biology II: Being Human
- Molecular Biology of the Cell

Level 2 core units

- Physiology of Cells
- Physiology of Human Body Systems

Level 3 core units

- Physiology of Cardiovascular and Respiratory Systems
- Physiology of Integrated Organ Function
- Physiology of Membranes, Muscles and Signalling
- Physiology of Nutrition and Metabolism

Complementary units

Students nominating Physiology as their degree-specific major in the Bachelor of Biomedical Science, Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Introductory Chemistry (for students who do not have Chemistry ATAR)
- Mathematics Fundamentals (for students who do not have Mathematics Applications ATAR)

## Population Health

study.uwa.edu.au/population-health  
handbooks.uwa.edu.au/populationhealth

COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Applications ATAR or a Mathematics unit may be required as part of your degree

**Recommended subjects:** Mathematics Applications ATAR

Studying Population Health allows you to examine patterns of health and disease in society and the application of medical research and evidence-based medicine to populations, and to consider what we can do to improve the health of the community.

Population health tackles both infectious and non-infectious diseases and promotes healthier lifestyles and the application of evidence-based medicine to populations. It is at the forefront of tackling factors that influence health and lead to health inequalities. Issues in population health are often controversial and you will evaluate how to balance individual and societal needs to maximise health and equity. Central to the major is community engagement, through structured visits to health organisations, voluntary work experience programs and field trips.

Career opportunities

With a range of skills and practical experience in health, graduates have many careers to choose from and are well placed to apply for graduate development programs in health departments, non-government organisations and the corporate sector. Recent graduates have started their careers in the following areas: health planning and management, health economics, health and safety, health promotion, environmental health, disease screening, epidemiology and health research.

Course structure

Level 1 core units

- Health and Globalisation
- Health and Illness in Human Populations

Level 2 core units

- Disease Prevention and Control
- Foundations of Epidemiology and Biostatistics

Level 3 core units

- Health Leadership
- Health Promotion
- Health Research Design and Methods
- Health Systems and Policy

Complementary units

Students nominating Population Health as their degree-specific major in the Bachelor of Biomedical Science or Bachelor of Philosophy (Honours) course must also study:

- Aboriginal Health and Wellbeing
- Communication and Project Planning in Health

## ATAR subjects equivalence

### Mathematics Applications ATAR

A basic-level Mathematics subject

### Mathematics Methods ATAR

A higher-level Mathematics subject than Mathematics Applications ATAR

### Mathematics Specialist ATAR

The highest-level Mathematics subject

### Chemistry ATAR

A Chemistry subject generally undertaken at Year 12 or equivalent level

### Physics ATAR

A Physics subject generally undertaken at Year 12 or equivalent level

## Science Communication (second major only)

study.uwa.edu.au/science-comm  
handbooks.uwa.edu.au/sciencecomm

COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Applications ATAR or a Mathematics unit taken in the first year

**Recommended subjects:** Mathematics Methods ATAR

**Note:** This major is only available as a second major available through the Bachelor of Science, the Bachelor of Biomedical Science and the Bachelor of Philosophy (Honours)

If you are creative, love science and want to work with people, this major is ideal for you. Science communicators facilitate public engagement with research, inspire the next generation of scientists and advocate for science. This major offers experience in new media, written, oral and visual presentations and science performance, as well as skills in working with industry experts. You'll also develop a portfolio, including writing, videos, podcasts, professional reports, presentations, exhibits, posters and websites. This major must be taken with another science major, providing you with scientific knowledge and highly marketable communication skills.

Career opportunities

You will be highly sought-after for your written and verbal communication skills. Your career could take paths such as employment in science centres, museums, environmental education, schools, research organisations such as government agencies, non-government organisations, hospitals, industry, zoological and botanical gardens, and the media.

Course structure

Level 1 core units

- Communicating Science
- Psychology: Behaviour in Context

Level 2 core units and option

- Science Presentations
  - Science Writing
- Plus one of the following:**
- Science Consultancy Project
  - Science Work Placement

Level 3 core units

- Journalism in Practice
- Exhibitions and Interpretation
- Science and the Media



# Bachelor of Commerce

UWA COURSE  
CODE  
**BP002**

CRICOS CODE  
**003006C**

DURATION  
**3**  
YEARS  
FULL TIME

INTAKE  
FEBRUARY  
AND JULY

2019<sup>^</sup>  
TUITION FEES  
AUD **\$37,300**  
PER YEAR

[study.uwa.edu.au/commerce](https://study.uwa.edu.au/commerce)

<sup>^</sup> All fees quoted are for 2019 unless specifically stated otherwise. 2020 fees will be available from [fees.uwa.edu.au](https://fees.uwa.edu.au) when published.

Real-world experiences are at the heart of the Bachelor of Commerce. This degree develops your analytical, communication and problem-solving skills, providing you with a global perspective on business and preparing you to pursue a career within the business, government or not-for-profit sectors.

Learn from leading academics, develop high-level industry networks and graduate with a degree that can take you anywhere in the world. UWA's internationally accredited Business School celebrates strong links with the business community, providing insights into leading industry practice.

Whether you're hearing from an industry guest lecturer, visiting a careers-related event or attending an exclusive lunch with corporate executives, you can confidently apply your skills in real-world situations.

## Why study Commerce?

The Bachelor of Commerce focuses on the factors that drive economic behaviour at both an individual and organisational level. Your studies will equip you with the analytical, communication, problem-solving and transferable skills to effectively identify issues, source information and find efficient and practical solutions. The course has been tailored in consultation with representatives from leading local and international organisations, ensuring you graduate with an industry-relevant degree.

With a multitude of Business School student societies, you can attend professional development, networking and social events, all while taking part in a student-managed investment fund, leading a social entrepreneurship project or launching your own start-up.

## Career-ready

Apply your knowledge to real-world situations by undertaking a business practicum or taking part in national and international competitions run by leading organisations.

## Internships at UWA

Gain real workplace experience as part of your degree with a range of internships based in WA, Australia or even overseas. Give yourself a professional advantage with an industry placement, corporate project or community initiative that combines theory with industry practice.

## Beyond your degree

As a Commerce graduate, you'll have the knowledge and skills to tackle some of the greatest challenges facing the world. You could find yourself working at a global advertising agency, starting your own social enterprise or entering the world of corporate finance, among many other career destinations.

### You can major in

- Accounting
- Business Law
- Economics
- Finance
- Human Resource Management
- Management
- Marketing
- Professional Economics (double major)

*"I graduated with a Bachelor of Podiatric Medicine in 2012 with an academic award, but I didn't enjoy that work so I made the career (and life-changing) decision to study accounting at UWA in 2015. This was not an easy decision to make as I was filled with a lot of doubt as to what the outcome was going to be and whether I would enjoy it, especially having made a complete U-turn from the medical side to business. UWA's Business School has provided me with a very positive student experience and every opportunity to succeed in the real world. More importantly, my experience taught me an important life lesson: if things do not go to plan, never be afraid to make the change because better prospects may await you."*

**Karishma Mehta – Accounting**



**15**  
ACTIVE  
STUDENT  
SOCIETIES<sup>1</sup>



**30+**  
CORPORATE  
SUPPORTERS<sup>2</sup>



**#1**  
IN WA FOR  
ACCOUNTING  
AND FINANCE<sup>3</sup>



**RANKED  
IN THE  
WORLD'S  
TOP 100  
UNIVERSITIES<sup>4</sup>**

<sup>1</sup> Including the Economics and Commerce Student Society, Student Managed Investment Fund, UWA Consulting Society, and Marketing and Management Association of UWA.

<sup>2</sup> Recent corporate supporters include BHP, EY, KPMG, Perth Energy, Wesfarmers, Woodside and more.

<sup>3</sup> QS World University Ranking by Subject 2018.

<sup>4</sup> For Business and Management (QS World University Ranking by Subject 2018).



# Course structure

## Accounting

study.uwa.edu.au/accounting  
handbooks.uwa.edu.au/accounting

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** Mathematics Applications ATAR with a Mathematics unit completed in your first year  
**Recommended subjects:** Mathematics Methods ATAR

Accounting prepares you for a career across borders. Acknowledged as 'the language of business', accounting is spoken by all organisations around the globe. Accounting is essential for monitoring and guiding business operations, enabling managers to gain an accurate and up-to-date picture of the financial health of their organisations.

Our Accounting major focuses on the preparation, interpretation and communication of accounting information that is essential to effective decision-making within an organisation. You can choose to undertake focused study in financial or management accounting, or complete a more generalised program of study covering a range of accounting subjects in greater depth. Our course is fully accredited by the three professional accounting bodies. As a result, our graduates are highly sought-after by employers.

### Career opportunities

The Accounting major offers a variety of career paths in the private and public sectors, public accounting firms, small business and self-employment. Professional accountants are employed as company directors, board members, chief executive officers and partners in business.

### Course structure

**Level 1 core units**

- Financial Accounting
- Introduction to Finance

**Level 2 core units**

- Corporate Accounting
- Management Accounting

**Optional**

- Taxation

**Level 3 options**  
**Select four, or three if Taxation unit is chosen at Level 2, including at least one of the following from Financial Accounting: Theory and Practice or Strategic Management Accounting:**

- Auditing
- Contemporary Managerial Accounting
- Financial Accounting: Theory and Practice
- Financial Statement Analysis
- Performance Measurement and Evaluation
- Strategic Management Accounting

### Complementary units

Students nominating Accounting as their degree-specific major in the Bachelor of Commerce or Bachelor of Philosophy (Honours) course must also study:

- Economic and Business Statistics
- Introduction to Marketing
- Microeconomics: Prices and Markets
- Organisational Behaviour

## Business Law

study.uwa.edu.au/business-law  
handbooks.uwa.edu.au/businesslaw

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** Mathematics Applications ATAR with a Mathematics unit completed in your first year  
**Recommended subjects:** Mathematics Methods ATAR

Gain a solid understanding of the Australian legal system and how it impacts on business and commercial transactions.

Business Law is an ideal major for anyone planning a career in the business or government sectors. This major also lays the foundations for successful postgraduate studies in law. You'll learn about the law relating to contract, torts, corporations, agency, partnership, fiduciary obligations, taxation, banking, finance, intellectual property, competition, consumer protection and international trade. You'll learn how to recognise and analyse potential legal problems that can arise from common business transactions. You'll acquire knowledge and skills that empower you to intelligently request, understand and act on legal services and advice. A strong grounding in business law is increasingly seen as an attractive attribute for potential employers, as the accountability and personal liability of professionals, business managers and public servants continues to grow.

### Career opportunities

Business Law graduates are well-qualified for roles in private and government sectors such as accountancy (with appropriate further qualifications), business management, marketing, international trade, banking and finance, public service, industrial relations, human resource management and related professions, and endeavours that draw on an appropriate level of knowledge of business law.

### Course structure\*

**Level 1 core units**

- Financial Accounting
- Introduction to Law

**Level 2 core units**

- Company Law
- Legal Framework of Business
- Taxation Law

**Level 3 core units**

- Finance Law
- Marketing, Management and the Law

**Level 3 options**  
**Select one:**

- International Commercial Law
- Intellectual Property and China's Innovation-based Economy

### Complementary units

Students nominating Business Law as their degree-specific major in the Bachelor of Commerce or Bachelor of Philosophy (Honours) course must also study:

- Economic and Business Statistics
- Introduction to Marketing
- Microeconomics: Prices and Markets
- Organisational Behaviour

\* Additional changes to the course structure were in progress at the time of print. The above is subject to approval and changes.

## Economics

study.uwa.edu.au/economics  
handbooks.uwa.edu.au/economics

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** Mathematics Applications ATAR with a Mathematics unit completed in your first year  
**Recommended subjects:** Mathematics Methods ATAR

The rise and fall of economies, future employment prospects, incomes and living standards: these are all at the heart of economics. Gain an understanding of the way the world works, from the stock market to national and world economies.

This major includes core subjects in microeconomics and macroeconomics. Microeconomics provides the framework for analysing issues in taxation, trade and the competitive structure of markets, while macroeconomics focuses on the forces that influence long-term economic growth, inflation, unemployment and the balance of payments. By exploring both microeconomics and macroeconomics, you'll develop the capacity to understand the fundamental workings of the economy and markets, and implications of economic policy.

### Career opportunities

A major in Economics prepares you for work in financial institutions, government, international agencies and the private sector as a forecaster, analyst or consultant. Economics graduates find employment with companies, management consultancies, all areas of government (including the Reserve Bank and Treasury), banks and stockbrokers, and institutions such as the International Monetary Fund.

### Course structure

**Level 1 core units**

- Macroeconomics: Money and Finance
- Microeconomics: Prices and Markets

**Level 2 core units and option**

- Macroeconomics: Policy and Applications
- Microeconomics: Policy and Applications

**Plus one of the following:**

- Business Econometrics
- Business Economics
- Rise of the Global Economy

**Level 3 core options**  
**Select three, including at least one of Economic Policy, International Finance or International Trade:**

- Applied Macroeconomics
- Applied Microeconomics
- Development Economics
- Econometrics
- Economic Policy
- Health Economics
- History of Economic Ideas
- Intermediate Mathematics for Economists
- International Finance
- International Trade
- Money, Banking and Financial Markets

### Complementary units

Students nominating Economics as their degree-specific major in the Bachelor of Commerce or Bachelor of Philosophy (Honours) course must also study:

- Economic and Business Statistics
- Financial Accounting
- Introduction to Marketing
- Organisational Behaviour

## Finance

study.uwa.edu.au/finance  
handbooks.uwa.edu.au/finance

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** Mathematics Applications ATAR with a Mathematics unit completed in your first year  
**Recommended subjects:** Mathematics Methods ATAR

Finance is the lifeblood of the economy. Discover how managers make financial decisions, what influences the decisions of investors, the means by which companies obtain their financing, and the kinds of risks and rewards associated with financial choices.

You will learn the practical aspects of finance, including corporate finance issues such as the appropriate mix of equity and debt to finance projects, identifying the optimal dividend policy, and the resourceful selection of business projects. You'll also learn aspects of investment and appropriate risk-management techniques, while developing leadership skills, critical analysis, effective communication, ethical thinking and the development of strong research skills.

### Career opportunities

Finance graduates find employment as financial consultants, investment bankers, credit managers, financial analysts and financial engineers in banks, corporations and financial institutions.

### Course structure

**Level 1 core units**

- Financial Accounting
- Introduction to Finance

**Level 2 core unit and options**

- Corporate Financial Policy

**Plus two of the following:**

- Business Analysis and Valuation
- Derivative Products and Markets
- Financial Planning
- Quantitative Methods for Finance

**Level 3 core unit and options**

- Investment Analysis

**Plus two of the following:**

- Applied Financial Management
- Banking: Theory and Practice
- International Finance
- Trading in Securities Markets

### Complementary units

Students nominating Finance as their degree-specific major in the Bachelor of Commerce or Bachelor of Philosophy (Honours) course must also study:

- Economic and Business Statistics
- Introduction to Marketing
- Microeconomics: Prices and Markets
- Organisational Behaviour

## Human Resource Management

study.uwa.edu.au/human-resource-mgmt  
handbooks.uwa.edu.au/humanresourcemgmt

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** Mathematics Applications ATAR with a Mathematics unit completed in your first year  
**Recommended subjects:** Mathematics Methods ATAR

Managing people is a valuable skill required by managers in all industries. By studying Human Resource Management, you'll explore how the proper management of employees contributes to strategic staffing and organisational effectiveness.

You'll study topics such as organisational behaviour, employment relations systems and processes, human resource planning, recruitment and selection, performance management, training and development, occupational health and safety, work organisation, negotiation and conflict resolution – all of which give you valuable skills as an employee in any industry. By combining studies in management and psychology, you'll learn to develop a strategic approach to recruiting, training and developing an organisation's most important asset: its people. You will gain a thorough theoretical and practical grounding in the management of people and employment in Australia and overseas.

### Career opportunities

The Human Resource Management major prepares you for a career in human resources in the public sector and private organisations. It also complements other studies and careers in management.

### Course structure

**Level 1 core units**

- Management and Organisations
- Organisational Behaviour

**Level 2 core units**

- Australian Employment Relations
- Human Resource Management

**Level 3 core units**

- International Employment Relations
- Managing Jobs, Performance and Wellbeing
- Negotiation: Theory and Practice
- Staffing Organisations

### Complementary units

Students nominating Human Resource Management as their degree-specific major in the Bachelor of Commerce or Bachelor of Philosophy (Honours) course must also study:

- Economic and Business Statistics
- Financial Accounting
- Introduction to Marketing
- Microeconomics: Prices and Markets

## Management

study.uwa.edu.au/management  
handbooks.uwa.edu.au/management

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** Mathematics Applications ATAR with a Mathematics unit completed in your first year  
**Recommended subjects:** Mathematics Methods ATAR

Management is the backbone of any organisation, providing organisational, operational, staffing and resourcing expertise that can be applied anywhere, anytime. Gain a comprehensive understanding of managing organisations effectively within different economic, social, political and legal contexts.

Develop conceptual and practical skills in areas that include organisational behaviour, leadership, operations and project management, information-systems management, small-business management and entrepreneurship. You can choose to gain an overall understanding of the field or select units from specialist focus areas in managing organisations, managing operations and business processes, or managing international business.

### Career opportunities

Through its extensive links to the corporate world, the UWA Business School provides students in Management with a unique opportunity to gain valuable insights into how effective leaders and managers operate in leading organisations. The major provides you with the managerial skills needed to pursue a variety of managerial and leadership roles in industry, commerce and the public sector.

### Course structure

**Level 1 core units**

- Management and Organisations
- Organisational Behaviour

**Level 2 options**  
**Select two:**

- Human Resource Management
- International Management
- Organisational Learning and Innovation
- Project Management

**Level 3 core options**  
**Select four, including at least one of Applied International Business Strategy, Enterprise Systems or Strategic Management:**

- Applied International Business Strategy
- Enterprise Systems
- Entrepreneurship
- Leadership and Performance
- Managing Organisational Change
- Negotiation: Theory and Practice
- Strategic Management
- Supply Chain Management

### Complementary units

Students nominating Management as their degree-specific major in the Bachelor of Commerce or Bachelor of Philosophy (Honours) course must also study:

- Economic and Business Statistics
- Financial Accounting
- Introduction to Marketing
- Microeconomics: Prices and Markets



## Marketing

[study.uwa.edu.au/marketing](http://study.uwa.edu.au/marketing)  
[handbooks.uwa.edu.au/marketing](http://handbooks.uwa.edu.au/marketing)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Applications ATAR with a Mathematics unit completed in your first year

**Recommended subjects:** Mathematics Methods ATAR

Do you want to know why customers choose certain products and brands, and what influences these decisions? Discover the real world of marketing that lies behind advertising jingles.

Studying Marketing provides you with the understanding and skills needed to align customer needs to an organisation's output of goods, services or information. Equally practical and theoretical, this major incorporates the development and implementation of marketing plans and advertising campaigns, as well as conducting and interpreting market research.

You'll explore areas such as consumer behaviour, promotion, advertising, market research, project and channel management and strategic marketing. Practical projects may include developing marketing plans, implementing advertising campaigns, or conducting marketing research and developing marketing strategies. This major involves comprehensive study with some of the best marketing academics and professionals in the country, through lectures, tutorials, workshops and in-class activities. Combined with the Business School's high-level industry partnerships, it balances theory, practice and future prospects for students looking for a career in marketing.

#### Career opportunities

A major in Marketing leads to such careers as marketing management, advertising, sales management, digital marketing, distribution control, product development and branding, new venture creation and marketing research or consulting. You can find employment in all industry sectors including not-for-profit, private and public organisations.

### Course structure

#### Level 1 core units

- Consumer Behaviour
- Introduction to Marketing

#### Level 2 core unit and option

- Marketing Research

#### Plus one of the following:

- Advertising and Promotion
- Small Business Management

#### Level 3 core unit and options

- Strategic Marketing
- Plus three of the following:**
- Contemporary Marketing Issues
- Entrepreneurship
- International Marketing
- Marketing Applications
- New Product Development and Commercialisation
- Services Marketing

#### Complementary units

Students nominating Marketing as their degree-specific major in the Bachelor of Commerce or Bachelor of Philosophy (Honours) course must also study:

- Economic and Business Statistics
- Financial Accounting
- Microeconomics: Prices and Markets
- Organisational Behaviour

## Professional Economics (double major)

[study.uwa.edu.au/professional-economics](http://study.uwa.edu.au/professional-economics)  
[handbooks.uwa.edu.au/professionaleconomics](http://handbooks.uwa.edu.au/professionaleconomics)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Applications ATAR with a Mathematics unit completed in your first year

**Recommended subjects:** Mathematics Methods ATAR

Economics is at the forefront of public policy issues such as economic growth, the stability of the economy, regulating financial institutions, resource taxation, financing education and retirement income planning.

Through this major you'll learn how apparently complex economic developments can be understood in terms of a set of simple but fundamental principles, such as the theory of choice. You'll study microeconomic and macroeconomic frameworks to analyse economic problems, and produce and communicate economic research for fellow economists, business professionals and policymakers. You'll also develop the capacity to analyse economic issues pertaining to domestic and world economies.

#### Career opportunities

Employment prospects for economists are strong, and graduates can pursue careers as specialist economists in government and business, or as economic consultants, economic analysts and policy advisers. Graduates have found employment in the Australian and State Treasuries and the Australian Reserve Bank, as well as in economic consultancies and major companies.

### Course structure

#### Level 1 core units

- Macroeconomics: Money and Finance
- Microeconomics: Prices and Markets

#### Level 2 core units and options

- Business Econometrics
- Macroeconomics: Policy and Applications
- Microeconomics: Policy and Applications

#### Plus two of the following:

- Asia in the World Economy
- Business Economics
- Rise of the Global Economy

#### Level 3 core units and options

- Applied Macroeconomics
- Applied Microeconomics
- Intermediate Mathematics for Economists

#### Plus four of the following, including at least one of the following: Economic Policy, International Finance or International Trade:

- Development Economics
- Econometrics
- Economic Policy
- Health Economics
- History of Economic Ideas
- International Finance
- International Trade
- Money, Banking and Financial Markets

#### Complementary units

Students nominating Professional Economics as their degree-specific major in the Bachelor of Commerce or Bachelor of Philosophy (Honours) course must also study:

- Economic and Business Statistics
- Financial Accounting
- Introduction to Marketing
- Organisational Behaviour

### ATAR subjects equivalence

#### Mathematics Applications ATAR

A basic-level Mathematics subject

#### Mathematics Methods ATAR

A higher-level Mathematics subject than Mathematics Applications ATAR

#### Mathematics Specialist ATAR

The highest-level Mathematics subject

#### Chemistry ATAR

A Chemistry subject generally undertaken at Year 12 or equivalent level

#### Physics ATAR

A Physics subject generally undertaken at Year 12 or equivalent level





## Bachelor of Science

UWA COURSE  
CODE  
**BP004**

CRICOS CODE  
**068914G**

DURATION  
**3**  
YEARS  
FULL TIME

INTAKES  
FEBRUARY  
AND JULY

2019<sup>^</sup>  
TUITION FEES  
AUD **\$37,800**  
PER YEAR

[study.uwa.edu.au/science](https://study.uwa.edu.au/science)

<sup>^</sup> All fees quoted are for 2019 unless specifically stated otherwise. 2020 fees will be available from [fees.uwa.edu.au](https://fees.uwa.edu.au) when published.

A key focus of the Bachelor of Science is understanding and improving the natural world through systematic observation, experimentation, modelling and calculation.

The Bachelor of Science gives you the opportunity to harness the skills and knowledge necessary to make a real contribution to the global challenges facing humanity.

### Why study Science?

Depending on your major, you'll investigate the big issues confronting our planet, including climate change, diagnosis and treatment of disease, healthy lifestyles, food sustainability and conserving biodiversity. The importance of science in determining the wellbeing of our society is recognised by industry, business and government.

### Career-ready

You may be eligible for Work Integrated Learning (WIL) opportunities depending on your chosen course of study. Science practicums provide hands-on learning within a workplace. Students also have access to valuable networking opportunities with industry professionals.

### Beyond your degree

The skills you gain when studying the Bachelor of Science form the foundation of a great science education and are highly valued and sought-after by employers. These include reason, logic, observation, analysis, resourcefulness, communication, creativity, imagination and experimentation. Science graduates are in demand worldwide, with job opportunities across a wide range of sectors. If you choose to pursue further study, such as a master's degree by research or a Doctor of Philosophy (PhD), it will enable you to move into a career in scientific research.

### You can major in

- Agricultural Science
- Anatomy and Human Biology
- Biochemistry and Molecular Biology
- Botany
- Chemistry
- Computer Science
- Conservation Biology
- Data Science
- Engineering Science
- Environmental Science
- Exercise and Health
- Genetics
- Geographical Sciences
- Geology
- Marine Science
- Mathematics and Statistics
- Microbiology and Immunology
- Natural Resource Management
- Neuroscience
- Physics
- Physiology
- Psychological Science
- Psychology (double major)
- Science Communication (second major only)
- Sport Science
- Sport Science, Exercise and Health (double major)
- Zoology

*"I chose to study at UWA because it is a great university that is also close to my family in Singapore. UWA academics are leaders in their respective fields. My honours research supervisors inspired me to push the boundaries of my research and I was also given opportunities to present my research at international events."*

**Ferrer Ong – Bsc (Hons)**



RANKED IN THE  
WORLD'S  
**TOP 30**<sup>1</sup>



**93%**  
POSITIVE  
OUTCOMES<sup>2</sup>



**\$56k**  
MEDIAN GRADUATE  
STARTING SALARY<sup>3</sup>  
FOR THE BSc

1 For Anatomy and Physiology, Sports-related subjects (QS World University Rankings by Subject, 2018), and for Agricultural Sciences and Environmental Science and Engineering (Academic Ranking of World Universities 2018).  
2 Graduate Outcomes Survey, 2017.  
3 Graduate Outcomes Survey, 2017. Expected salary may be higher on completion of postgraduate study.



# Course structure

## Agricultural Science

study.uwa.edu.au/agriculture  
handbooks.uwa.edu.au/agriculture

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** Mathematics Methods ATAR or Mathematics Applications ATAR with a Mathematics unit taken in the first year  
**Recommended subjects:** Chemistry ATAR

UWA is well equipped for teaching and research in agricultural science, with a field station at Shenton Park, a research farm near Pingelly, and the outstanding research and outreach activities of the UWA School of Agriculture and Environment, the Institute of Agriculture, the Centre for Plant Genetics and Breeding, SoilsWest and the Australian Herbicide Resistance Initiative.

Agricultural Science provides the research, technology and information for the sustainable, profitable and ethical development of agricultural industries. Studies include soil science, plant breeding, animal breeding, crop and pasture systems, soilplant interactions, plant nutrition, integrated pest management, livestock production, scientific modelling, agricultural economics and agribusiness and other topics. You'll also complete overnight field trips.<sup>1</sup>

### Career opportunities

Graduates could be employed as consultants, managers or researchers by government agencies, universities, consulting firms, food industries, fertiliser companies, community groups, local/ regional governments and international agencies.

### Course structure

#### Level 1 core units

- Frontiers in Biology
- Plant and Animal Biology

#### Level 2 core units

- Pasture and Livestock Systems
- Soil Science

#### Level 3 core units

- Agricultural Economics and Marketing
- Clean, Green and Ethical Animal Production
- Crops and Cropping Systems
- Soil-Plant Interactions

### Complementary units

Students nominating Agricultural Science as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Communicating Science
- Science, Society and Data Analysis
- Plants in Action
- Principles of Inheritance

<sup>1</sup> Cost of food and accommodation to be borne by the student. For more information, visit [teachingandlearning.uwa.edu.au/students/fees](http://teachingandlearning.uwa.edu.au/students/fees)

## Anatomy and Human Biology

study.uwa.edu.au/anatomy  
handbooks.uwa.edu.au/anatomy

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** Mathematics Methods ATAR or Mathematics Applications ATAR with a Mathematics unit taken in the first year  
**Recommended subjects:** None

What is it that makes us human? The Anatomy and Human Biology major allows you to explore the fascinating concept of what it means to be human in an integrative way, combining studies of the behaviour and biology of human beings with current social and ethical issues.

The units in this major cover human functional anatomy, genetics, variation and evolution, reproduction, embryology and growth, microscopic structures of cells and tissues, structure and function of the nervous system, and ecology, behaviour and biosocial interactions. You'll explore these from the molecular to the population level and beyond.

### Career opportunities

Graduates can find jobs in areas such as assisted reproductive technologies, pharmaceutical training and neuroscience. There are also opportunities for employment as scientists in commercial organisations, or in sales associated with these types of organisations, in public science education, in museums and in the media.

### Course structure

#### Level 1 core units

- Human Biology I: Becoming Human
- Human Biology II: Being Human

#### Level 2 options

**Complete all units in a group of your choice:**

##### Group A

- Human Structure and Development *and* Human Reproductive Biology

##### Group B

- Human Organs and Systems *and* Human Reproductive Biology

##### Group C

- Human Structure and Development *and* Biological Anthropology: Human Adaption and Variation

##### Group D

- Human Organs and Systems *and* Biological Anthropology: Human Adaption and Variation

#### Level 3 options

##### Select one:

- Human Biology: Applications and Investigations I
- Human Biology: Applications and Investigations II

##### Plus three of the following:

- Biological Anthropology: Genes and Society
- Cells, Tissues and Development
- Human Evolutionary Ecology
- Human/Primate Social Organisation
- Human Reproduction
- Human Structure and Function

### Complementary units

Students who have not completed Mathematics Applications ATAR or higher must also study Mathematics Fundamentals.

## Biochemistry and Molecular Biology

study.uwa.edu.au/biochemistry  
handbooks.uwa.edu.au/biochemistry

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** Mathematics Methods ATAR or Mathematics Applications ATAR with a Mathematics unit taken in the first year; and Biology ATAR or Human Biology ATAR or a Biology or Human Biology unit taken in the first year; and Chemistry ATAR or a Chemistry unit taken in the first year  
**Recommended subjects:** None

What are genes? How do hormones work? What goes wrong in a cancer cell? If these questions are of interest, then the Biochemistry and Molecular Biology major may be for you. Biochemists and molecular biologists are interested in the molecular functions of all living organisms, from the smallest bacterium to the largest whale. You'll study the way molecules are organised and how they interact to achieve the functions of the living cell and those of the organism. Your investigations will cover three main areas: the information stored in DNA; molecular interactions; and how organisms gain and use energy.

### Career opportunities

Graduates may find a career in areas such as research institutes, universities, CSIRO, hospitals, the healthcare industry, the pharmaceutical industry, general and scientific sales, food manufacturing, government and advisory services, biotechnology, teaching in schools and universities, or diagnostic services in medicine and agriculture.

### Course structure

#### Level 1 core unit and option

- Molecular Biology of the Cell

##### Plus one of the following:

- Biological Chemistry
- Chemistry—Structure and Reactivity

#### Level 2 core units

- Biochemistry and Molecular Biology of the Cell
- Biochemical Regulation of Cell Function

#### Level 3 core units

- Cellular Biochemistry
- Molecular Biology
- Omics—Global Approaches to Cell Function
- Structural and Functional Biochemistry

### Complementary units

Students nominating Biochemistry and Molecular Biology as their degree-specific major in the Bachelor of Biomedical Science, Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Chemistry—Properties and Energetics (for students with Chemistry ATAR)
- Introductory Chemistry (for students without Chemistry ATAR)
- Statistics for Science

## Botany

study.uwa.edu.au/botany  
handbooks.uwa.edu.au/botany

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** Mathematics Methods ATAR or Mathematics Applications ATAR with a Mathematics unit taken in the first year  
**Recommended subjects:** Chemistry ATAR

Botany is the scientific study of plants, from their structure and function, to their indispensable role in ecosystems and the intricacies of their cell function.

Botany is an ideal major if you're enthusiastic about Western Australia's unique native flora or agricultural crops, and are interested in addressing current and future threats to plant conservation and sustainability. You'll study how plants evolve and adapt to changing climates and environments, and have a proactive role in mitigating the loss of biodiversity.

### Career opportunities

Botany graduates are highly sought-after and employed by environmental consultants, resource industries, government departments (such as Primary Industries and Regional Development, Parks and Wildlife, and the Department of Water), botanic gardens (Kings Park) and research agencies (CSIRO) that either work in, or are interested in, the environment, conservation, restoration and horticulture.

### Course structure

#### Level 1 core units

- Frontiers in Biology
- Plant and Animal Biology

#### Level 2 core units

- Ecology
- Plants in Action
- Plant Diversity and Evolution

#### Level 3 core units

- Australian Vegetation
- Ecological Processes
- Plant Physiological Ecology

### Complementary units

Students nominating Botany as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Communicating Science
- Principles of Inheritance
- Science, Society and Data Analysis
- Soil-Plant Interactions

## Chemistry

study.uwa.edu.au/chemistry  
handbooks.uwa.edu.au/chemistry

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** Chemistry ATAR or an additional Chemistry unit taken in the first year, Mathematics Methods ATAR or Mathematics Applications ATAR with two Mathematics units taken in the first year  
**Recommended subjects:** Mathematics Specialist ATAR, Mathematics Methods ATAR and Chemistry ATAR

Do you want to be part of major advances being made in medicine, drugs, nanotechnology, new materials and the environment? Chemistry is central to virtually all areas of modern science and technology, providing a foundation for fields such as biochemistry, green chemistry,

chemical engineering, food science, materials science, geology, nanotechnology and pharmacology. It is the science of the molecular scale, and encompasses the synthesis and study of molecules and materials, the exploration of their properties and the development of ways to use them.

Develop an understanding of the mechanisms, reactions and processes that occur at the molecular level, and study the elements that make up all matter and how they interact to construct living organisms, transmit power from the sun, produce minerals and fuel environmental processes.

### Career opportunities

Graduates are in demand in chemical manufacturing and processing industries such as pharmaceuticals, agrochemicals, fine chemicals, metals, polymers, electricity, steel, mining and petroleum. Career opportunities can be found in analytical and quality-control laboratories as environmental and analytical or forensic chemists, in universities, scientific institutes, government or private sector laboratories as research chemists, and in secondary or tertiary institutions as teachers.

### Course structure

#### Level 1 core units

- Chemistry—Properties and Energetics
- Chemistry—Structure and Reactivity

### PHYSICAL AND ANALYTICAL SPECIALISATION

#### Level 2 core units

- Core Chemical Concepts and Techniques
- Physical and Analytical Chemistry

#### Level 3 core units and options

- Essential Chemical Skills
- Chemical Explorations
- Chemical Spectroscopy and Structure
- Chemistry Beyond the Laboratory

### SYNTHETIC SPECIALISATION

#### Level 2 core units

- Core Chemical Concepts and Techniques
- Chemical Synthesis

#### Level 3 core units and options

- Essential Chemical Skills
- Chemical Explorations
- Advanced Chemical Synthesis
- Synthetic Applications

### Complementary units

You may be required to take all or a combination of the following subjects:

- Mathematics Fundamentals
- Mathematics Foundations: Methods

## Computer Science

study.uwa.edu.au/computer-science  
handbooks.uwa.edu.au/computerscience

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80  
**Prerequisite subjects:** Mathematics Methods ATAR  
**Recommended subjects:** None

Computing software and systems revolutionise the way we live, work and communicate. From search engines to smartphones, computer science involves the theory and design behind the intelligent systems and computers that transform the way we live, work and communicate.

Learn the theoretical, algorithmic, implementation and systems principles that underpin computer languages and networks. You'll also discover how to develop new technologies and advanced programming. Be inspired to develop new computing technologies or specialise in enterprise-level programming, systems, software engineering or research careers. This major can also set you apart because knowledge of developing computer programs is highly sought-after by employers.

### Career opportunities

Destinations for graduates include large software development houses such as Google, Microsoft and Thales, or smaller computing, mining and resources, and consulting companies. You could also undertake further studies in software engineering, data science, electrical and electronic engineering, as well as honours and research degrees.

### Course structure

#### Level 1 core units

- Software Engineering with Java
- Relational Database Management Systems

#### Level 2 core units

- Data Structures and Algorithms
- Systems Programming

#### Level 3 core units

- Algorithms, Agents and Artificial Intelligence
- Computer Networks
- Graphics and Animation
- Professional Computing

### Complementary units

Students nominating Computer Science as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Cybersecurity
- Discrete Structures
- Mathematics Foundations: Methods (for students who do not have Mathematics Methods ATAR or higher)

## Conservation Biology

study.uwa.edu.au/conservation  
handbooks.uwa.edu.au/conservation

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Methods ATAR or Mathematics Applications with a Mathematics unit taken in the first year  
**Recommended subjects:** Chemistry ATAR

Human activity and population growth are increasing pressure on natural ecosystems and many biologists believe we are experiencing the sixth global mass extinction. Conservation biologists work to prevent the extinction of plant and animal species. According to Conservation International, the South West of Western Australia is one of the world's 25 biodiversity hotspots, making WA an ideal living laboratory for your studies. If you are interested in field work and want to mitigate this trend by participating in the management and research of threatened species and communities, Conservation Biology is the major for you.

### Career opportunities

Graduates are employed by government agencies (Department of Parks and Wildlife, CSIRO), botanic gardens and zoos, conservation-related organisations, universities and sectors such as mining, local government, private companies, community and natural-resource management.

### Course structure

#### Level 1 core units

- Frontiers in Biology
- Plant and Animal Biology

#### Level 2 core units

- Conservation Biology
- Ecology

#### Level 3 core units

- Ecosystem Restoration
- Ecological Processes
- Saving Endangered Species
- Wildlife Conservation and Management



Complementary units

Students nominating Conservation Biology as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Communicating Science
- Science, Society and Data Analysis

Plus the following (for Perth campus only):

- Global Climate Change and Biodiversity
- Principles of Inheritance

Or the following (for Albany campus only):

- Global Climate Change and Biodiversity
- Geographic Information Systems

Data Science

study.uwa.edu.au/data-science  
handbooks.uwa.edu.au/datascience

COURSE REQUIREMENTS

Minimum ATAR score: 80

Prerequisite subjects: Mathematics Methods ATAR or Mathematics Applications ATAR with a Mathematics unit taken in the first year

Recommended subjects: None

As one of the most rapidly growing fields in information technology, Data Science unearths value and meaning from data to help businesses and organisations across the globe. From predicting trends to protecting personal information, data scientists are used to process, explore and harness meaning from businesses' data.

Through a combination of practical and theoretical units, you'll develop an understanding of how to use technology for efficient and effective data collection, conversion, analysis, visualisation and interpretation. You'll learn how to integrate new technologies to create science, engineering and business systems, and how to design useful and usable software. Focusing on data and scientific computation, you will acquire practical computing and information-technology skills using the latest technologies.

Career opportunities

As organisations around the world implement data analytics programs, the demand for data scientists is only set to increase. Opportunities exist in areas such as energy and resources engineering, bioinformatics and biochemistry, computational physics and astronomy, transportation, health, finance, marketing, geophysics, geographic information systems and biomechanics.

Course structure

Level 1 core units

- Computational Thinking with Python
- Relational Database Management Systems

Level 2 core units

- Computer Analysis and Visualisation
- Systems Programming

Level 3 core units

- Agile Web Development
- Data Warehousing
- High Performance Computing
- Professional Computing

Complementary units

Students nominating Data Science as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Analysis of Experiments
- Cybersecurity
- Mathematics Fundamentals (for students who do not have Mathematics Methods ATAR or higher)
- Statistics for Science

Engineering Science

study.uwa.edu.au/engineering-science  
handbooks.uwa.edu.au/engineering

COURSE REQUIREMENTS

Prerequisites: Mathematics Specialist ATAR, Mathematics Methods ATAR, Chemistry ATAR and Physics ATAR or Mathematics Methods ATAR with

additional specified units taken in the first year depending on the number of missing prerequisites

Recommended: Mathematics Specialist ATAR, Mathematics Methods ATAR, Chemistry ATAR and Physics ATAR

Course structure

Level 1 core units

- Introduction to Engineering
- Fundamentals of Materials Engineering
- Mathematical Theory and Methods
- Multivariable Calculus

Plus the following:

- Form and Function (for students in Biomedical Engineering); or
- Chemistry—Structure and Reactivity (for students in Chemical Engineering); or
- Software Engineering with Java (for students in Software Engineering); or
- Physics for Scientists and Engineers (for students not in Biomedical Engineering, Chemical Engineering or Software Engineering)

Level 2 core units

- Electrical Fundamentals
- Engineering Mechanics
- Engineering Thermodynamics

Plus the following:

- Computer Analysis and Visualisation (for students not in Software Engineering)
- Data Structures and Algorithms (for students in Software Engineering)
- Physiology of Cells (for students in Biomedical Engineering)
- Systems Programming (for students in Software Engineering)

Level 3 core units

BIOMEDICAL SPECIALISATION

- Biomechanical Principles
- Biomedical Engineering
- Circuits and Electronics
- Materials and Manufacturing
- Signals and Systems

CHEMICAL SPECIALISATION

- Chemical Process Thermodynamics
- Fluid Mechanics
- Heat and Mass Transfer
- Mass and Energy Balances
- Process Synthesis and Design
- Unit Operations and Unit Processes

CIVIL SPECIALISATION

- Geomechanics
- Hydraulics
- Resource Extraction Technologies
- Solid Mechanics
- Structural Analysis

Plus one of the following:

- Data Collection and Analysis
- Environmental Systems

ELECTRICAL SPECIALISATION

- Advanced Mathematics Applications
- Circuits and Electronics
- Digital Embedded Systems
- Electronic Materials and Devices
- Power and Machines
- Signals and Systems

ENVIRONMENTAL SPECIALISATION

- Advanced Mathematics Applications
- Data Collection and Analysis
- Environmental Systems
- Geomechanics
- Hydraulics
- Resource Extraction Technologies

MECHANICAL SPECIALISATION

- Advanced Mathematics Applications
- Fluid Mechanics
- Heat and Mass Transfer
- Materials and Manufacturing
- Mechanisms and Machines
- Solid Mechanics

MINING SPECIALISATION

- Data Collection and Analysis
- Environmental Systems
- Geomechanics
- Resource Extraction Technologies
- Solid Mechanics

Plus one of the following:

- Fluid Mechanics
- Hydraulics

SOFTWARE SPECIALISATION

- Computer Networks
- Cybersecurity
- Digital Embedded Systems
- High Performance Computing
- Professional Computing

Environmental Science

study.uwa.edu.au/environment  
handbooks.uwa.edu.au/environment

COURSE REQUIREMENTS

Minimum ATAR score: 80

Prerequisite subjects: Mathematics Methods ATAR or Mathematics Applications ATAR with a Mathematics unit taken in the first year

Recommended subjects: Chemistry ATAR

Do you want to help solve important environmental problems? Environmental Science assesses the impact of human activity on the global environment and develops scientific, risk-based solutions to help secure a sustainable future. This major encompasses biological and earth sciences.

Environmental issues are many and varied, so the use of an interdisciplinary approach to problem-solving is essential. You'll develop techniques in scientific modelling to achieve practical solutions to these problems. Environmental scientists deal with issues such as climate change, carbon trading, greenhouse gas emissions, water-resource management, salinity, land degradation and rehabilitation, flora and fauna, habitat destruction, deforestation, energy and mineral depletion, air and water pollution, soil erosion, and groundwater contamination.

Career opportunities

Graduates possess diverse skills across earth, biological and environmental processes and systems and understand the role of humans in landscapes. You could find employment in environmental consultancies, in the mining and resources sector managing environmental compliance, or in state government agencies or non-government agencies to regulate and manage land and water resources in natural and agricultural landscapes as well as urban environments.

Course structure

Level 1 core units

- Disasters!
- Environmental Science and Technology

Level 1 complementary units

- Science, Society and Data Analysis
- Communicating Science

BIOLOGY SPECIALISATION

Level 1

- Plant and Animal Biology

Level 2

- Global Climate Change and Biodiversity
- Ecology

Plus one of the following:

- Soil Science
- Geographic Information Systems (students from the Albany campus must take this unit)

Level 3

- Ecological Processes
- Land Capability Assessment
- Environmental Assessment
- Environmental Dynamics

EARTH SPECIALISATION

Level 1

- The Dynamic Planet

Level 2

- Soil Science
- Hydrology and Water Resource Management

Plus one of the following:

- The Climate System
- Geographic Information Systems (students from the Albany campus must take this unit)

Level 3

- Land Rehabilitation
- Land Capability Assessment
- Environmental Assessment
- Environmental Dynamics

Exercise and Health

study.uwa.edu.au/exercise-health  
handbooks.uwa.edu.au/exercisehealth

COURSE REQUIREMENTS

Minimum ATAR score: 80

Prerequisite subjects: Mathematics Applications ATAR or an Mathematics unit taken in the first year

Recommended subjects: Mathematics Methods ATAR

Are you passionate about exercise and health? Do you want to educate and inspire others about keeping fit and being healthy? The health industry is a vital part of Australian life, with professional graduates playing a key role, through policy and practice, across all life stages.

You'll develop knowledge and skills in the exercise and health domain, with relevant training for careers in the health education, exercise rehabilitation, health-service delivery, and fitness industries. Your knowledge and skills also complement other science areas, potentially leading to postgraduate professional training.

Career opportunities

Employment opportunities exist in healthy lifestyle programming for the community and industry, sports development, health and fitness coordination and program management, and as an exercise scientist. You may decide to complete postgraduate qualifications in education, teaching, rehabilitation, physiotherapy, occupational therapy, recreation management, health promotion, medicine or work health and safety.

Course structure

Level 1 core units

- Applied Anatomy and Athletic Performance
- The Musculoskeletal System and Movement

Level 2 core units

- Exercise Physiology
- Promoting Lifelong Physical Activity
- Psychosocial Aspects of Sport, Exercise and Health

Level 3 core units and option

- Exercise Prescription and Nutrition for Health and Fitness
- Lifespan Motor Development

Plus one of the following:

- Coaching Psychology
- Psychology of Sport

Complementary units

Students nominating Exercise and Health as their degree-specific major in the Bachelor of Biomedical Science, Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Mathematics Fundamentals (for students without Mathematics Applications ATAR or higher)
- Physical Fitness and Health
- Psychology: Behaviour in Context

Genetics

study.uwa.edu.au/genetics  
handbooks.uwa.edu.au/genetics

COURSE REQUIREMENTS

Minimum ATAR score: 80

Prerequisite subjects: Mathematics Methods ATAR or Mathematics Applications ATAR with a Mathematics unit taken in the first year; and Biology ATAR or Human Biology ATAR or a Biology or Human Biology unit taken in the first year; and Chemistry ATAR or a Chemistry unit taken in the first year.

Recommended subjects: None

Genetics is the study of biologically inherited traits as diverse as those that cause human disease, allow a rare plant to live in a single isolated location, or result in a desirable characteristic of a domestic animal used in agriculture.

The Genetics major provides you with a broad overview of the universal principles, potentials and problems associated with DNA-based life. You'll learn how traits are inherited, how genetic processes control development and diseases, and how and why genomes are studied. Through a combination of hands-on laboratory sessions, teamwork, interactive tutorials and theoretical foundations, you'll develop skills in critical thinking, experimental design, data analysis and interpretation, and oral and written communication.

Career opportunities

This major is your pathway to a global career as a geneticist. A geneticist can be a researcher in medicine, molecular biology and genetics, a genetic counsellor, a plant or animal breeder or an ecologist, or can work in pharmacology and various other specialities.

Course structure

Level 1 core unit and option

- Molecular Biology of the Cell

Plus one of the following:

- Frontiers in Biology
- Human Biology I: Becoming Human

Level 2 core units

- Molecular Genetics I
- Principles of Inheritance

Level 3 core units and option

- Evolution and Development
- Genomics
- Molecular Genetics II

Plus one of the following:

- Evolutionary Processes
- Medical Genetics

Complementary units

Students nominating Genetics as their degree-specific major in the Bachelor of Biomedical Science, Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Statistics for Science

Students with Chemistry ATAR must take:

- Statistics for Science; and either
- Chemistry—Properties and Energetics or
- Biological Chemistry

Students without Chemistry ATAR must take:

- Statistics for Science
- Introductory Chemistry

Geographical Sciences

study.uwa.edu.au/geography  
handbooks.uwa.edu.au/geography

COURSE REQUIREMENTS

Minimum ATAR score: 80

Prerequisite subjects: Mathematics Methods ATAR or Mathematics Applications ATAR with a Mathematics unit taken in the first year

Recommended subjects: None

Geography is the science of place and space, standing at the intersection of natural and social sciences. Geographers study the Earth's landscapes, peoples, places and environments, and how these interact. Understanding contemporary urban and environmental problems requires an appreciation of the interdependence between human activities and the natural and cultural environment.

The Geographical Sciences major provides you with these insights, focusing on the challenges facing our planet, such as population growth, urban expansion and megacities, natural disasters, environmental conservation and climate change. This major provides you with the opportunity to participate in exciting field trips to a range of domestic and international locations, with recent overseas destinations including Bali, Barcelona and Seattle.<sup>1</sup>

Career opportunities

The diverse skills and knowledge acquired by Geographical Sciences graduates results in them being chosen by employers including government authorities, private sector companies, environmental consultancies, non-government organisations and many other organisations concerned with managing the natural and human environment.

Course structure

Level 1 core units

- Disasters!
- Geographies of a Global City

Level 2 core units

- Coastal Processes
- Geographic Information Systems
- Reading Landscapes: People and Processes

Level 3 core units

- Advanced GIS and Remote Sensing
- Environmental Change
- Geographic, Environment and Planning Fieldwork

Complementary units

Students nominating Geographical Sciences as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Communicating Science
- Science, Society and Data Analysis
- The Dynamic Planet

Plus one of the following:

- Hydrology and Water Resource Management
- The Climate System

<sup>1</sup> Cost of food and accommodation to be borne by the student. For more information, visit [teachingandlearning.uwa.edu.au/students/fees](http://teachingandlearning.uwa.edu.au/students/fees).



## Geology

<a href="http://study.uwa.edu.au/geology">study.uwa.edu.au/geology</a> <a href="http://handbooks.uwa.edu.au/geology">handbooks.uwa.edu.au/geology</a>
COURSE REQUIREMENTS
<b>Minimum ATAR score:</b> 80 <b>Prerequisite subjects:</b> Mathematics Methods ATAR or Mathematics Applications ATAR with a Mathematics unit taken in the first year <b>Recommended subjects:</b> None

Geology is an applied science that aims to understand all aspects of our planet, ranging from the Earth's surface to the deep interior. It strives to discover how the Earth system has evolved during the past 4.4 billion years including the origin of continents, oceans, atmosphere and life itself.

You'll learn about how applying knowledge of the Earth's processes and time scales is fundamental to locating resources such as groundwater, petroleum and minerals, and understanding climate and other environmental changes. As most of Australia's mineral and petroleum resources are in Western Australia, UWA is the ideal place to study Geology. You'll have access to some of the world's most advanced analytical equipment and supercomputing facilities and attend lectures from leading experts and industry professionals, as well as undertaking computer and laboratory classes and tutorials and extensive field work.

**Career opportunities**  
Employment opportunities are diverse and include the resources industries (energy, mineral deposits and groundwater) or research fields such as planetary geology and volcano or earthquake hazard prediction. Additional opportunities exist in government agencies dealing with resources or environmental consultancies and agencies. Many graduates continue to develop their specialist skills in industry or government agencies around the world, while others join academic institutions.

### Course structure

- Level 1 core units**
- Discovering Earth
  - The Dynamic Planet
- Level 2 core units**
- Earth Materials
  - Earth Processes
- Level 3 core units**
- Basin Analysis
  - Geochemistry and Petrology
  - Geological Mapping
  - Structural Geology and Tectonics

**Complementary units**  
Students nominating Geology as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Communicating Science
- Field Geology
- Science, Society and Data Analysis

**Plus one of the following:**

- Coastal Processes
- Hydrology and Water Resource Management

## Marine Science

<a href="http://study.uwa.edu.au/marine-science">study.uwa.edu.au/marine-science</a> <a href="http://handbooks.uwa.edu.au/marinescience">handbooks.uwa.edu.au/marinescience</a>
COURSE REQUIREMENTS
<b>Minimum ATAR score:</b> 80 <b>Prerequisite subjects:</b> Mathematics Methods ATAR or Mathematics Applications ATAR with a Mathematics unit taken in the first year <b>Recommended subjects:</b> Chemistry ATAR

If you are fascinated by our amazing marine and coastal environments, Marine Science is the major for you. Western Australia is an ideal living laboratory for your studies.

This major includes marine biology and ecology, marine and coastal management, and oceanography. It combines knowledge of marine aquatic life with a solid understanding of the physical environment. Through experimental design and research, you will learn to appreciate the complex interactions that occur in marine ecosystems.

**Career opportunities**  
Graduates are employed in fisheries and marine conservation agencies at state and federal levels, consulting firms, resources industry, fishing industry, agencies such as Greenpeace and Reef Check, and in research at CSIRO, the Oceans Institute and universities.

### Course structure

**COASTAL AND OCEAN SYSTEMS SPECIALISATION**

**Level 1 core units**

- Plant and Animal Biology
- The Dynamic Planet

**Complementary units**

- Science, Society and Data Analysis
- Communicating Science

**Level 2**

- Coastal Processes
- Marine Systems

**Complementary unit**

- Geographic Information Systems

**Plus one of the following:**

- Marine Biology
- Global Climate Change and Biodiversity

**Level 3**

- Coastal Conservation and Management
- Oceanography
- Environmental Dynamics
- Field Techniques in Marine Science

**MARINE BIOLOGY SPECIALISATION**

**Level 1**

- Plant and Animal Biology
- The Dynamic Planet

**Complementary units**

- Science, Society and Data Analysis
- Communicating Science

**Level 2**

- Marine Biology
- Marine Systems

**Take one from both Group A and Group B:**

**Group A**

- Ecology
- Geographic Information Systems

**Group B**

- Coastal Processes
- Global Climate Change and Biodiversity

**Level 3**

- Coastal Conservation and Management
- Oceanography
- Ecological Processes
- Field Techniques in Marine Science

## Mathematics and Statistics

<a href="http://study.uwa.edu.au/mathematics">study.uwa.edu.au/mathematics</a> <a href="http://handbooks.uwa.edu.au/mathematics">handbooks.uwa.edu.au/mathematics</a>
COURSE REQUIREMENTS
<b>Minimum ATAR score:</b> 80 <b>Prerequisite subjects:</b> Mathematics Specialist ATAR and Mathematics Methods ATAR or Mathematics Methods ATAR with additional Mathematics units taken in the first year <b>Recommended subjects:</b> Mathematics Specialist ATAR and Mathematics Methods ATAR

Mathematics is humanity's most powerful tool for comprehending the universe and is essential for many fields of modern endeavours such as science, technology, engineering and finance.

Mathematics and Statistics is a broad-based major that equips you with the mathematical tools and techniques of at least two of the three disciplines of pure mathematics, applied mathematics and mathematical statistics. Applied mathematics uses the theory and techniques of mathematics and statistics to understand the real world. Mathematical statistics is concerned with the application of statistical methods. These applications can be in a variety of areas, such as medicine, business, finance, science and industry. Pure mathematics proves theorems in a range of topics, usually motivated and illustrated by problems in physics, engineering and computer science.

**Career opportunities**  
Demand for Mathematics graduates is growing and outstripping supply. With this major, employment opportunities can be found in a range of areas including finance (banks, insurance companies and investment analysis), government organisations (CSIRO, Australian Bureau of Statistics, Defence Science Technology Organisation, Bureau of Meteorology), public service (states and federal), teaching (primary, secondary and tertiary levels) and other industries such as computing, engineering, research and statistical consulting firms.

### Course structure

**Level 1 core units**

- Mathematical Theory and Methods
- Multivariable Calculus

**Level 2 core units (select two)**

- Fundamentals of Probability with Applications
- Introduction to Applied Mathematics
- Introduction to Pure Mathematics

**Level 3 core units (select four)**

- Network Science

**APPLIED MATHEMATICS**

- Complex Systems
- Nonlinear Dynamics and Chaos
- Scientific and Industrial Modelling

**PURE MATHEMATICS**

- Algebraic Structures and Symmetry
- Geometry
- Topology and Analysis

**STATISTICS**

- Random Processes and their Applications
- Spatial Statistics and Modelling
- Statistical Science

**Complementary units**  
Students nominating Mathematics and Statistics as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Communicating Science

## Microbiology and Immunology

<a href="http://study.uwa.edu.au/microbiology">study.uwa.edu.au/microbiology</a> <a href="http://handbooks.uwa.edu.au/microbiology">handbooks.uwa.edu.au/microbiology</a>
COURSE REQUIREMENTS
<b>Minimum ATAR score:</b> 80 <b>Prerequisite subjects:</b> Chemistry ATAR or a Chemistry unit taken in the first year <b>Recommended subjects:</b> Mathematics Applications ATAR and Biology ATAR or Human Biology ATAR

Microbes are organisms too small to be seen without a microscope and microbiology is the study of these organisms and the role they play in health, disease and the environment.

Microbiology covers a range of fields, from immunology, which studies how the body's immune system protects itself from infectious disease, to microbial genetics and genetic engineering. Your studies can be applied in areas as diverse as medicine, food spoilage, control of environmental pollution and space science. You'll receive a thorough grounding in the scientific basis of the discipline and its applications in the real world. As a graduate, you will be eligible for membership with the Australian Society for Microbiology (ASM), the national scientific and employment body of the profession.

**Career opportunities**  
Career opportunities for graduates exist in the healthcare industry, pharmaceutical industry, hospitals and biomedical research institutes, environmental science, mining industry, biotechnology companies and private laboratories. Other options include further study and employment in both research and clinical positions in public health; agricultural, veterinary and university laboratories; and the CSIRO.

### Course structure

**Level 1 core unit and option**  
Molecular Biology of the Cell  
**Plus one of the following:**

- Frontiers in Biology
- Human Biology I: Becoming Human
- Human Biology II: Being Human

**Level 2 core units**

- Introduction to Infectious Diseases and Immunology
- Introductory Microbiology

**Level 3 core units**

- Applied and Environmental Microbiology
- Bacteria and Bacterial Disease
- Immunobiology and Immune Diseases
- Viruses and Viral Disease

**Complementary units**  
Students nominating Microbiology and Immunology as their degree-specific major in the Bachelor of Biomedical Science, Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Communicating Science

## Natural Resource Management

<a href="http://study.uwa.edu.au/natural-resource-mgmt">study.uwa.edu.au/natural-resource-mgmt</a> <a href="http://handbooks.uwa.edu.au/naturalresourcecmgmt">handbooks.uwa.edu.au/naturalresourcecmgmt</a>
COURSE REQUIREMENTS
<b>Minimum ATAR score:</b> 80 <b>Prerequisite subjects:</b> Mathematics Methods ATAR or Mathematics Applications ATAR with a Mathematics unit taken in the first year <b>Recommended subjects:</b> None

Growing populations in less developed countries and rising incomes in those that are more developed are placing increasing demands on the Earth's resources. Consequently, there are many unresolved conflicts over the use of natural resources and the conservation of the environment.

As a Natural Resource Management student, you will learn how to apply scientific, economic and social knowledge to help societies resolve these conflicts. If you have a strong interest in science and a commitment to conserving natural resources in a sustainable manner, and want to play a role in the future of our environment, you are well suited to this area. As part of this major, you'll take part in up to two field trips.<sup>1</sup>

**Career opportunities**  
Graduates are in high demand as the world grapples with the challenge of sustainably managing our natural environment. Key employers include government departments and agencies responsible for the environment, conservation, climate change policy, agriculture and food, and primary industries. In the private sector, employers include engineering and environmental consultancies, and the mineral and energy industries. Employers also include non-governmental organisations such as World Wildlife Fund.

### Course structure

**Level 1 core units**

- Environmental Economics 1
- Geographies of a Global City

**Level 2 core units**

- Environmental Economics 2
- Quantitative Methods in Environmental Management

**Level 3 core units**

- Business and the Environment
- Decision Tools for Natural Resource Management
- Environmental Policy and Planning
- Project and Risk Management

**Complementary units**  
Students nominating Natural Resource Management as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Communicating Science
- Science, Society and Data Analysis
- Geographic Information Systems
- Reading Landscapes: People and Processes

<sup>1</sup> Cost of food and accommodation to be borne by the student. For more information, visit [teachingandlearning.uwa.edu.au/students/fees](http://teachingandlearning.uwa.edu.au/students/fees).

## Neuroscience

<a href="http://study.uwa.edu.au/neuroscience">study.uwa.edu.au/neuroscience</a> <a href="http://handbooks.uwa.edu.au/neuroscience">handbooks.uwa.edu.au/neuroscience</a>
COURSE REQUIREMENTS
<b>Minimum ATAR score:</b> 80 <b>Prerequisite subjects:</b> Mathematics Methods ATAR or Mathematics Applications ATAR with a Mathematics unit taken in the first year <b>Recommended subjects:</b> Chemistry ATAR and Physics ATAR

How do we process sensory stimuli? How do medical conditions such as Alzheimer's disease, deafness, dementia and depression affect the brain and nervous system? Neuroscience investigates the answers to these questions and all areas of the nervous system.

The Neuroscience major looks at concepts in human and experimental neuroscience, introducing you to research techniques and providing a solid background on what we know about the normal and abnormal/injured brain. Academics with international reputations in research will teach you about the nervous system at all levels, from the transfer of information from one nerve cell to another, to the complexities of how behaviour, thought and emotions are produced.

**Career opportunities**  
Neuroscience is a diverse, multidisciplinary science and graduates will be well-suited to a range of employment destinations, including research and clinical laboratories and government agencies.

### Course structure

**Level 1 core units**

- Psychology: Behaviour in Context
- Psychology: Mind and Brain

**Level 2 core units**

- Human Neurobiology
- Physiology of Cells

**Level 3 core units**

- Advanced Neuroscience 1
- Advanced Neuroscience 2
- Comparative Neurobiology
- Neuroscience

**Complementary units**  
Students nominating Neuroscience as their degree-specific major in the Bachelor of Biomedical Science, Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Communicating Science
- Frontiers in Biology *and* Molecular Biology of the Cell
- Human Biology I: Becoming Human *and* Human Biology II: Being Human
- Human Biology I: Becoming Human *and* Molecular Biology of the Cell

**Plus one of the following:**

- Cognitive Neuroscience
- Perception and Sensory Neuropsychology



## Physics

[study.uwa.edu.au/physics](http://study.uwa.edu.au/physics)  
[handbooks.uwa.edu.au/physics](http://handbooks.uwa.edu.au/physics)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** A scaled score of 50 or more in Mathematics Methods ATAR and Physics ATAR, with an additional Mathematics unit taken in the first year, or Mathematics Specialist ATAR, Mathematics Methods ATAR and Physics ATAR

**Recommended subjects:** Mathematics Specialist ATAR, Mathematics Methods ATAR and Physics ATAR

Physics examines the world around us at the most fundamental level, from the origin and fate of the universe to the behaviour of matter on subatomic length scales – and everything in between. The knowledge generated through the study of physics is the driving force behind most new technologies, from radar to lasers, transistors to quantum computers, and electron microscopes to advanced medical imaging scanners.

This major focuses on mathematical skills, which are required to access modern physics, including the key pillars of relativity and quantum physics, with applications to atomic, nuclear and particle physics, condensed matter physics, photonics and astrophysics.

#### Career opportunities

As a Physics graduate, your strong problem-solving and critical-thinking abilities will be in demand from employers in industry, government and the business and finance sectors. Your discipline-specific skills are particularly valued in teaching, research and high-tech industries. Graduates with a strong mathematics and physics background have opportunities in the resources sector, modelling big-data sets. Further studies will lead to careers in research or academia.

### Course structure

#### Level 1 core units

- Modern Physics
- Physics for Scientists and Engineers

#### Level 2 core units

- Quantum Physics and Electromagnetism
- The Physics of Particles

#### Level 3 core units

- Electrodynamics and Relativity
- Quantum Mechanics and Atomic Physics

#### Plus two of the following:

- Advanced Quantum Mechanics
- Astrophysics and Space Science
- Frontiers in Modern Physics
- Mathematical Physics

#### Complementary units

Students nominating Physics as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course, or as their second major in other degree courses, must also study:

- Advanced Mathematical Methods
- Mathematical Theory and Methods
- Multivariable Calculus

## Physiology

[study.uwa.edu.au/physiology](http://study.uwa.edu.au/physiology)  
[handbooks.uwa.edu.au/physiology](http://handbooks.uwa.edu.au/physiology)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Methods ATAR or Mathematics Applications ATAR with a Mathematics unit taken in the first year

**Recommended subjects:** Chemistry ATAR and Physics ATAR

How does your body cope with stresses such as intense exercise, blood loss and dehydration? How does your nervous system respond to the world around you? Physiology answers these questions.

Through the Physiology major, you'll gain a detailed understanding of how the human body works, from the molecular and cellular level, to tissues and organs, and explain how these interact together with the environment to produce beneficial results for the organism. You'll also examine diseases, and the changes that occur at the molecular and cellular level and how these impact on whole-body function. Through these investigations you will come to understand how physiologists contribute to the development of new diagnostic and therapeutic strategies to combat the mechanisms of disease.

#### Career opportunities

Physiology can lead to careers in research laboratories and the biomedical industry. There is growing demand for graduates to investigate the action of genes in the body. Graduates are well-prepared for careers requiring postgraduate study, such as medicine, pharmacy and clinical audiology. Opportunities exist for employment as scientists in commercial organisations or in sales and in public science education. If you have combined your major with qualifications in sport science or exercise and health, you could also find a career in health promotion and fitness.

### Course structure

#### Level 1 options

##### Select two:

- Frontiers in Biology
- Human Biology I: Becoming Human
- Human Biology II: Being Human
- Molecular Biology of the Cell

#### Level 2 core units

- Physiology of Cells
- Physiology of Human Body Systems

#### Level 3 core units

- Physiology of Cardiovascular and Respiratory Systems
- Physiology of Integrated Organ Function
- Physiology of Membranes, Muscles and Signalling
- Physiology of Nutrition and Metabolism

#### Complementary units

Students nominating Physiology as their degree-specific major in the Bachelor of Biomedical Science, Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Introductory Chemistry (for students who do not have Chemistry ATAR)
- Mathematics Fundamentals (for students who do not have Mathematics Applications ATAR)

## Psychological Science

[study.uwa.edu.au/psychological-science](http://study.uwa.edu.au/psychological-science)  
[handbooks.uwa.edu.au/psychologicalscience](http://handbooks.uwa.edu.au/psychologicalscience)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Applications ATAR or an additional Mathematics unit taken in the first year

**Recommended subjects:** Mathematics Methods ATAR

Are you interested in how we learn, remember and think? Have you ever wondered how we control our movements or how we sense and respond to the objects and events around us? Psychology allows you to explore how and why people behave the way they do.

Psychological Science is the scientific study of mental processes and behaviour, and is a challenging and wide-ranging discipline that

provides you with an understanding of our psychological processes and the relationship of these processes to brain function. You'll also develop an understanding of how these processes are affected by ageing, brain damage and disease.

#### Career opportunities

This major prepares you for a career in which knowledge of human nature is valuable, such as government agencies, business, teaching and welfare. Your expertise with social survey methods, computer technology and measurement techniques means market research, advertising and media are also other career options.

### Course structure

#### Level 1 core units

- Psychology: Behaviour in Context
- Psychology: Mind and Brain

#### Level 2 core unit and option

- Introduction to Quantitative Methods in Psychology

##### Plus one of the following:

- Cognitive Neuroscience
- Cognitive Psychology
- Perception and Sensory Neuropsychology
- Psychology: Atypical Development

#### Level 3 core units

- Intermediate Quantitative Methods in Psychology
- Psychology: Specialist Research Topic

**Take two units with at least one from Group A:**

##### Group A

- Cognitive Neuroscience
- Cognitive Psychology
- Perception and Sensory Neuropsychology
- Psychology: Atypical Development

##### Group B

- Adult Psychopathology
- Industrial and Organisational Psychology
- Psychology and Social Behaviour
- Psychology: Lifespan Development

#### Complementary units

Students nominating Psychological Science as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Mathematics Fundamentals (for those students without Mathematics Applications ATAR or higher)

## Psychology (double major)

[study.uwa.edu.au/psychology](http://study.uwa.edu.au/psychology)  
[handbooks.uwa.edu.au/psychology](http://handbooks.uwa.edu.au/psychology)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Applications ATAR or an additional Mathematics unit taken in the first year

**Recommended subjects:** Mathematics Methods ATAR

Psychology is a fascinating and diverse area of study that touches upon many aspects of daily life, seeking to answer questions about how and why people behave the way they do.

A Psychology double major helps you develop a scientific understanding of human thoughts and behaviours, the psychological processes underlying these and the relationship of these processes to brain function. You'll find an emphasis on the measurement of psychological abilities, on how these develop throughout life, and on the processes that govern the relationships between people and groups in society. The Psychology double major has been awarded Accreditation without conditions by the Australian Psychology Accreditation Council (APAC) as a three-year psychology sequence.

#### Career opportunities

Career opportunities are varied because graduates are prepared for an occupation in which knowledge of human behaviour, psychological measurement techniques, and experimental design and data analysis are valuable. Possible careers could be in business, teaching, market research, welfare and politics. The Psychology double major can also lead to further study and professional qualifications in psychology.

### Course structure

#### Level 1 core units

- Psychology: Behaviour in Context
- Psychology: Mind and Brain

#### Level 2 core unit and options

- Introduction to Quantitative Methods in Psychology

##### Plus two of the following:

- Adult Psychopathology
- Cognitive Neuroscience
- Cognitive Psychology
- Industrial and Organisational Psychology
- Perception and Sensory Neuropsychology
- Psychology and Social Behaviour
- Psychology: Atypical Development
- Psychology: Lifespan Development

#### Level 3 core units

- Intermediate Quantitative Methods in Psychology
- Psychological Measurement and its Application
- Psychological Science in the Modern World
- Psychology: Specialist Research Topics

##### Plus four from the following:

- Psychology: Atypical Development
- Adult Psychopathology
- Cognitive Psychology
- Cognitive Neuroscience
- Perception and Sensory Neuropsychology

#### Complementary units

Students taking the double major in Psychology who have not undertaken ATAR Mathematics: Applications or WACE Mathematics 2C/2D or equivalent or higher must take:

- Mathematics Fundamentals

## Science Communication (second major only)

[study.uwa.edu.au/science-comm](http://study.uwa.edu.au/science-comm)  
[handbooks.uwa.edu.au/sciencecomm](http://handbooks.uwa.edu.au/sciencecomm)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Applications ATAR or an additional Mathematics unit taken in the first year

**Recommended subjects:** Mathematics Methods ATAR

**Note:** This major is only available as a second major available through the Bachelor of Science, the Bachelor of Biomedical Science and the Bachelor of Philosophy (Honours)

If you are creative, love science and want to work with people, Science Communication is an ideal major for you. Science communicators facilitate public engagement with research, inspire the next generation of scientists and advocate for science.

Science Communication provides you with experience in new media, written, oral and visual presentations and science performance. You'll also develop skills in working with industry experts and a Science Communication portfolio, including writing, videos, podcasts, professional reports, presentations, exhibits, posters and

websites. This major must be taken with another science major, providing you with scientific knowledge and highly marketable communication skills.

#### Career opportunities

You will be highly sought-after by employers for your written and verbal communication skills. Your career could take any number of paths, such as finding employment in science centres, museums, zoological and botanical gardens, environmental education, schools, research organisations including government agencies, non-government organisations, hospitals, industry and the media.

### Course structure

#### Level 1 core units

- Communicating Science
- Psychology: Behaviour in Context

#### Level 2 core units and option

- Science Presentations
- Science Writing

##### Plus one of the following:

- Science Consultancy Project
- Science Work Placement

#### Level 3 core unit and options

- Journalism in Practice
- Exhibitions and Interpretation
- Science and the Media

## Sport Science

[study.uwa.edu.au/sport-science](http://study.uwa.edu.au/sport-science)  
[handbooks.uwa.edu.au/sportscience](http://handbooks.uwa.edu.au/sportscience)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Applications ATAR or an additional Mathematics unit taken in the first year

**Recommended subjects:** Mathematics Methods ATAR

Do you want to work with elite athletes or the general public in the health and fitness sector? The Sport Science major prepares you thoroughly for a successful career in the sport and recreation industries.

You'll gain the knowledge, skills and understanding needed in areas such as sport management and delivery, and in service delivery essential for athlete preparation and specialised fitness industries. The award-winning sport science practicum provides you with valuable workplace experience, enabling you to integrate theoretical concepts with professional practice and interact with other professionals. Placements are available in WA (at no cost) and overseas (at your expense).

#### Career opportunities

Sport Science graduates will have the choice of three distinct career paths. You could enter the broad sports promotion, management and marketing sector, or you might prefer a career in athlete preparation as an exercise scientist. The third pathway could see you move into graduate training in sport, recreation management, coaching, exercise rehabilitation, occupational safety and health or research.

### Course structure

#### Level 1 core units

- Applied Anatomy and Athletic Performance
- The Musculoskeletal System and Movement

#### Level 2 core units

- Biomechanics in Sport and Exercise
- Exercise Physiology
- Motor Learning and Control

##### Level 3 core units

- Biomechanical Principles
- Professional Practice Part 1

- Professional Practice Part 2
- Sport Physiology

#### Complementary units

Students nominating Sport Science as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Human Biology I: Becoming Human
- Human Biology II: Being Human
- Mathematics Fundamentals (for students who do not have Mathematics Applications ATAR or higher)
- Physical Fitness and Health

## Sport Science, Exercise and Health (double major)

[study.uwa.edu.au/sport-science-exercise-health](http://study.uwa.edu.au/sport-science-exercise-health)  
[handbooks.uwa.edu.au/sports-exercise](http://handbooks.uwa.edu.au/sports-exercise)

### COURSE REQUIREMENTS

**Minimum ATAR score:** 80

**Prerequisite subjects:** Mathematics Applications ATAR or an additional Mathematics unit taken in the first year

**Recommended subjects:** Mathematics Methods ATAR

This course provides a sound basis in sport and exercise-science theory combined with practical, technical and communication skills. Your further study options will be expanded, leading to higher qualifications in specialist accredited courses. Completing this double major makes you eligible to apply for professional accreditation as an exercise scientist with Exercise and Sports Science Australia (ESSA) within two years of completing your degree.

In this major you'll gain an understanding of the relationship between human structural, functional and behavioural characteristics, and their application in the development of, and support for, athletes and coaches to achieve success. Learn about the ability to develop, maintain and promote a healthy lifestyle, and how to apply this in the assessment of physical, physiological and mechanical characteristics of sports performance, and the prescription of interventions to maintain athlete strengths and improve weaknesses.

#### Career opportunities

You will have the choice of three distinct career paths. You could enter the broad sports promotion, management and marketing sector, or you might prefer a career in athlete preparation as an exercise scientist. The third pathway will see you move into graduate training in sport, recreation management, coaching, exercise rehabilitation, occupational safety and health or research.

### Course structure

#### Level 1 core units

- Applied Anatomy and Athletic Performance
- The Musculoskeletal System and Movement

#### Level 2 core units

- Biomechanics in Sport and Exercise
- Exercise Physiology
- Motor Learning and Control
- Promoting Lifelong Physical Activity
- Psychosocial Aspects of Sport, Exercise and Health

##### Level 3 core units and option

- Biomechanical Principles
- Exercise Prescription and Nutrition for Health and Fitness
- Lifespan Motor Development
- Professional Practice Part 1
- Professional Practice Part 2
- Sport Physiology



- And one of the following:
- Coaching Psychology
  - Psychology of Sport

Complementary units

Students nominating Sport Science, Exercise and Health as their major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Human Biology I: Becoming Human
- Human Biology II: Being Human
- Mathematics Fundamentals (for students who do not have Mathematics Applications ATAR)
- Physical Fitness and Health

Zoology

[study.uwa.edu.au/zoology](http://study.uwa.edu.au/zoology)  
[handbooks.uwa.edu.au/zoology](http://handbooks.uwa.edu.au/zoology)

COURSE REQUIREMENTS

Minimum ATAR score: 80

Prerequisite subjects: Mathematics Methods ATAR or Mathematics Applications ATAR with a Mathematics unit taken in the first year

Recommended subjects: Chemistry ATAR

Zoology focuses on the diversity of animals and how they survive, thrive and persist in their habitats. These habitats are diverse, and range from deserts through to temporary wetlands and rainforests. Zoologists discover the solutions to the problems presented by these habitats.

The Zoology major provides you with a sound knowledge and understanding of animal structure and function, and the evolutionary processes that have engendered animal diversity. You'll also study physiology, reproduction, behaviour, community ecology and molecular genetics. As part of this major, you'll take part in up to two field trips.<sup>1</sup>

Career opportunities

Zoology graduates are employed in environmental consultancies, fisheries, aquaculture and the resources sector. They may also work in government departments such as Environment, Biodiversity, Conservation and Attractions, State Fisheries, in museums and zoos, or in environment and conservation research agencies (CSIRO), while others may join academic institutions.

Course structure

Level 1 core units

- Frontiers in Biology
- Plant and Animal Biology

Level 2 core units and options

- Animal Function and Structure
- Ecology

Plus two of the following:

- Animal Ethics and Welfare
- Field Studies in Zoology
- Principles of Inheritance

Level 3 core units

- Animal Populations
- Behavioural Ecology
- Environmental Physiology
- Evolutionary Processes

Complementary units

Students nominating Zoology as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Communicating Science
- Science, Society and Data Analysis

<sup>1</sup> Cost of food and accommodation to be borne by the student. For more information, visit [teachingandlearning.uwa.edu.au/students/fees](http://teachingandlearning.uwa.edu.au/students/fees).

ATAR subjects equivalence

Mathematics Applications ATAR

A basic-level Mathematics subject

Mathematics Methods ATAR

A higher-level Mathematics subject than Mathematics Applications ATAR

Mathematics Specialist ATAR

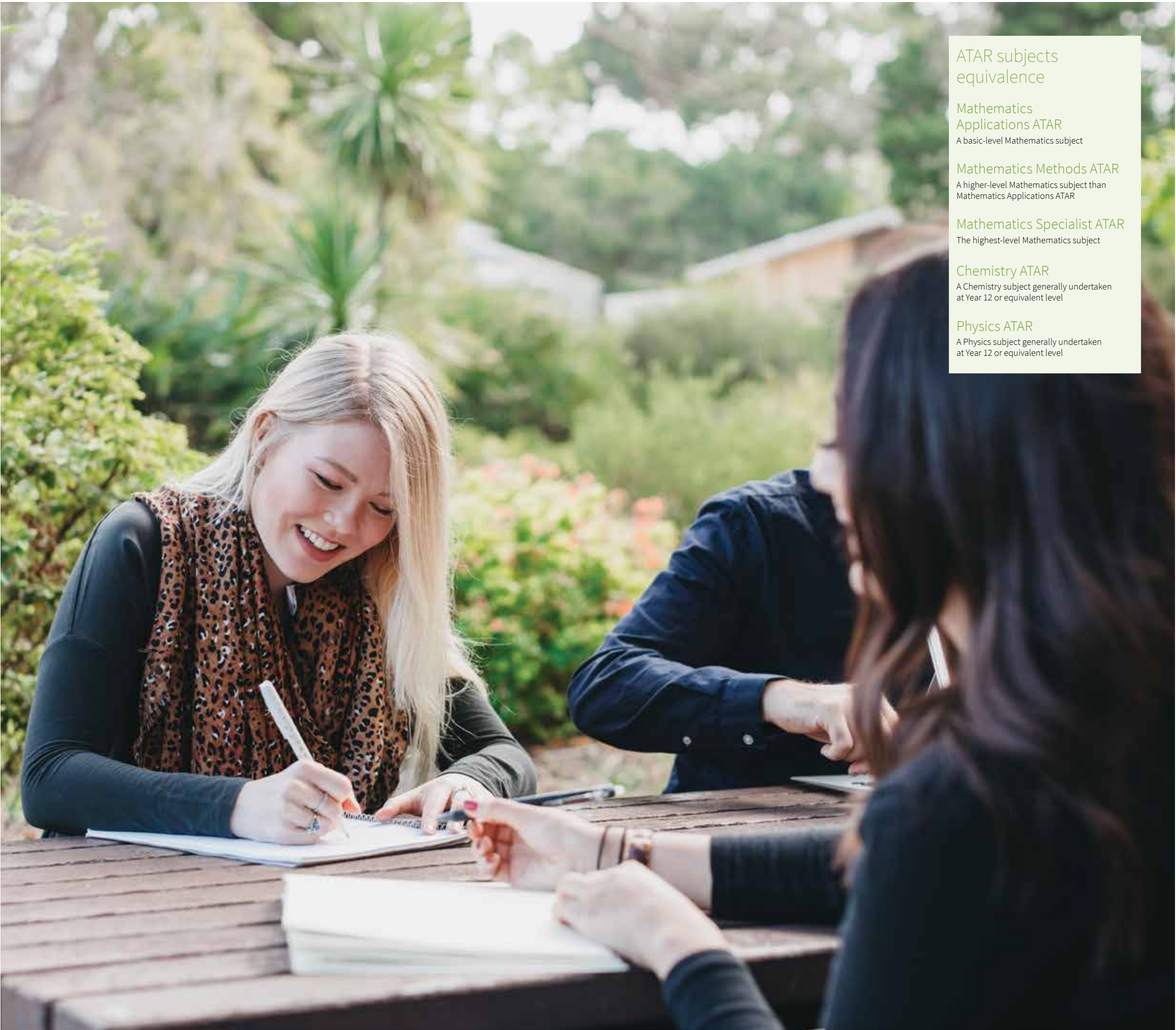
The highest-level Mathematics subject

Chemistry ATAR

A Chemistry subject generally undertaken at Year 12 or equivalent level

Physics ATAR

A Physics subject generally undertaken at Year 12 or equivalent level







# Bachelor of Philosophy (Honours)

UWA COURSE  
CODE  
**BH005**

CRICOS CODE  
**068916E**

DURATION  
**4**  
YEARS  
FULL TIME

INTAKE  
FEBRUARY  
AND JULY

2019<sup>^</sup>  
TUITION FEES  
AUD**\$40,400**  
PER YEAR

[study.uwa.edu.au/bphil](https://study.uwa.edu.au/bphil)

<sup>^</sup> All fees quoted are for 2019 unless specifically stated otherwise. 2020 fees will be available from [fees.uwa.edu.au](https://fees.uwa.edu.au) when published.

The Bachelor of Philosophy (Honours) is a challenging, research-oriented, four-year degree. The course offers an innovative curriculum with an individually designed academic program, focusing on your chosen area of specialisation.

In addition to innovative research-project work, the course includes a scholarship-supported study abroad experience, academic mentoring, high-level communications training, professional skills development and an on-campus residential experience prior to the start of your first semester (usually in the week before orientation).

This highly competitive course is unique in Western Australia and represents an exciting and distinctive experience for high-achieving students.

## Why study the Bachelor of Philosophy (Honours)?

The Bachelor of Philosophy (Honours) course ensures you develop high-level research and communication skills that prepare you for the challenges of achieving the highest international standards of excellence.

While many graduates will choose to pursue further studies or a career in research, the intensive focus of the degree on developing analytical, teamwork and communication skills will ensure you are highly employable upon graduation.

## What can I study?

The Bachelor of Philosophy (Honours) gives you the freedom to choose a major from any field of study within Arts, Biomedical Science, Commerce or Science. It is an integrated honours degree with research embedded throughout the four-year course and the opportunity to learn a language.

The BPhil Residence, held prior to the start of your first semester, is an integral part of the course and is designed to introduce you to the

academic expectations of this degree as well as give you the opportunity to meet other students in the course. In your first semester, you will complete the first-level unit — Global Challenges, Research and Leadership — and take part in a group research project. This forms the basis of your subsequent research training.

Throughout your course you will participate in collaborative and interdisciplinary research projects, work closely with a research mentor from your chosen field of study, develop your own research project with an academic supervisor, present your research orally, produce a research dissertation, undertake an overseas study experience, and have the opportunity to meet international research leaders visiting the University.

## Entry requirements

Entry to this course is extremely competitive. The entry requirement is an Australian Tertiary Admission Rank (ATAR) of at least 98.00 in most cases. Before nominating your degree-specific major (and second major where relevant) you must have satisfied any specified prerequisites for the major (see pages 34 to 70 for detailed descriptions and prerequisites of majors).

The BPhil Residence is a requirement of this course and all students are expected to attend.

## Beyond your Bachelor of Philosophy (Honours)

Graduates will have a wealth of opportunities upon graduation. You can choose to complete postgraduate study by coursework and/or research, including courses leading to professional qualifications, or you may prefer to enter the workforce directly after completing your undergraduate degree.





## Pathways to professional careers

Pursuing one of our professional pathways will further your studies and increase your career opportunities in professional areas such as medicine, law, dentistry, teaching, architecture and more.

There are two pathways you can choose from.

### Direct Pathways

If you already have a professional career in mind, our Direct Pathways combine your undergraduate and postgraduate degrees, providing you with a clearer direction to your career of choice. Direct Pathways are available in the following areas:

- **Architecture** 92.00 ATAR
- **Landscape Architecture** 92.00 ATAR
- **Engineering** 80.00 ATAR
- **Juris Doctor (Law)** 96.00 ATAR
- **Dental Medicine** 96.00 ATAR
- **Medicine** 96.00 ATAR
- **Pharmacy** 94.00 ATAR
- **Podiatric Medicine** 94.00 ATAR
- **Social Work** 92.00 ATAR
- **Teaching (Secondary, Primary, Early Childhood)** 92.00 ATAR
- **Translation Studies** 90.00 ATAR

A Direct Pathway gives you an assured place in one of our postgraduate professional courses and, in some cases, reduces the length of your postgraduate course. Direct Pathways also exempt you from sitting and passing certain exams for entry into a postgraduate course. Some Direct Pathways will still require you to meet certain entry requirements, such as the ISAT for entry into medicine and dentistry.

Direct Pathways require a higher ATAR than our bachelor's degrees. To study one of our Direct Pathways, you'll need to meet the ATAR for the specific pathway.

[study.uwa.edu.au/direct-pathways](https://study.uwa.edu.au/direct-pathways)

### Graduate pathways

If you don't meet the ATAR requirement for a Direct Pathway, you can still study in the same area using the professional (or graduate) pathway. This involves entering your flexible three-year undergraduate degree (ATAR of 80.00 required), maintaining satisfactory grades and then applying for your postgraduate degree in the last year of your bachelor's degree.

#### Direct Pathway example (Medicine)



#### Graduate Pathway example (Medicine)



<sup>1</sup> Students need to maintain a grade point average of 5.5 during their undergraduate degree. <sup>2</sup> Three years if student has successfully completed the Medical Sciences major as part of a Direct Pathway to this course, otherwise four years. <sup>3</sup> Sit GAMSAT or MCAT and apply for Doctor of Medicine.



# Postgraduate professional degrees

Our graduates are renowned for their critical-thinking skills and in-depth knowledge, making them highly employable in a competitive global economy. A postgraduate professional degree is a master’s or doctorate-level course, taken upon completion of a bachelor’s degree (or equivalent), which, upon successful completion, qualifies you to enter a profession and enhances your competitiveness.

## Faculty of Arts, Business, Law and Education

### Architecture

Course description

The Master of Architecture emphasises the application of concepts to the design of specialised building projects, with a focus on context, environmental performance and sustainability. You will complete core units in technology and practice, and then direct your study within a range of option units in design, technical and critical-studies streams.

Professional accreditation

This professionally accredited degree satisfies the academic requirements to become a registered architect in Australia and is recognised internationally by the Commonwealth Association of Architects (CAA) and the Canberra Accords.

Bachelor of Arts majoring in Architecture (or equivalent degree and majors)

Master of Architecture

Year 1

Year 2

Year 3

Year 4

Year 5

Course details

study.uwa.edu.au/m/architecture

UWA course code: 25520

CRICOS code: 084738G

Duration: 2–3.5 years<sup>1</sup>

Intake period: February, July

Mode of study: coursework

2019 tuition fee (per year): AUD\$36,700

English language requirement

IELTS (Academic) overall score minimum of 6.5, no band less than 6.0 (must include Academic Reading and Writing modules). For the most up-to-date information visit [study.uwa.edu.au/elc](http://study.uwa.edu.au/elc).

<sup>1</sup> Students admitted to the course having completed an undergraduate degree in Architecture will be required to complete two years of full-time or equivalent study. Students without an architectural background will complete up to three and a half years of full-time study or equivalent study.

### Landscape Architecture

Course description

The Master of Landscape Architecture emphasises ecological, cultural and social concerns at global, regional and local levels. The degree requires completion of fully resolved projects, including a developed design through independent research.

Graduates achieve a range of high-level technical, analytical, design and communication skills to meet contemporary challenges.

Professional accreditation

This professionally accredited degree satisfies the academic requirements to become a registered landscape architect in Australia.

Bachelor of Arts majoring in Landscape Architecture (or equivalent degree and majors)

Master of Landscape Architecture

Year 1

Year 2

Year 3

Year 4

Year 5

Course details

study.uwa.edu.au/m/landscape-architecture

UWA course code: 25550

CRICOS code: 074759G

Duration: 2–3 years<sup>1</sup>

Intake period: February, July

Mode of study: coursework or coursework and dissertation

2019 tuition fee (per year): AUD\$34,700

English language requirement

IELTS (Academic) overall score minimum of 6.5, no band less than 6.0 (must include Academic Reading and Writing modules). For the most up-to-date information visit [study.uwa.edu.au/elc](http://study.uwa.edu.au/elc).

<sup>1</sup> Students admitted to the course having completed an undergraduate major in Landscape Architecture will be required to complete two years of full-time or equivalent study. Students without a landscape architecture background will complete up to three years of full-time or equivalent study.



Law

Course description

Discover the power of legal thinking and become the lawyer you want to be with the Juris Doctor.

The Juris Doctor (JD) is a three-year postgraduate qualification in law. The JD opens up a world of career possibilities, ensuring that you'll be challenged every day. You will develop a deep understanding of how power and justice operate in society, and how you can make a difference to the world through law reform and advocacy.

- By choosing to study the Juris Doctor at UWA you will:**
- acquire knowledge and skills that will equip you for a diverse range of careers
  - benefit from UWA Law School's long-standing and deep links with the legal profession, which contribute to consistently high rates of employment for our graduates
  - learn from the very best of the legal profession and academic staff, who are recognised nationally for excellence in teaching and research
  - have the opportunity to participate in practical skill-building programs, including mooting (legal advocacy) competitions and internships
  - build lifelong friendships with a talented, diverse and vibrant cohort of future leaders
  - gain an internationally portable qualification: the UWA JD is formally recognised in Singapore as an accredited pathway to practice.

Bachelor's degree or an equivalent qualification			Juris Doctor (JD)		
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Course details					
study.uwa.edu.au/d/juris-doctor					
UWA course code: 20820					
CRICOS code: 089786C					
Duration: 3 years					
Intake period: February, July					
Mode of study: coursework					
2019 tuition fee (per year): AUD\$42,400					
<b>Requirements</b>					
(1) To be considered for admission to this course an applicant must have—			(ii) experienced significant personal, medical, social, educational, cultural or financial disadvantage or hardship, including any disadvantage or hardship resulting from an applicant's sexual orientation or gender identity that has had an effect on their prior academic studies;		
(a) a relevant bachelor's degree or equivalent as recognised by UWA;			and		
(b) the equivalent of a UWA weighted average mark (WAM) of at least 65 per cent* or the equivalent of a UWA grade point average (GPA) of at least 5.5*.			(b) a bachelor's degree, or an equivalent qualification, as recognised by UWA;		
(2) To be considered for admission to this course an Indigenous applicant must have—			and		
(a) met the general admission requirements under 4.(1); or			(c)		
(b)			(i) the equivalent of a UWA weighted average mark (WAM) of at least 60 per cent*; or		
(i) a bachelor's degree via the UWA Indigenous Assured Entry Pathway; and			(ii) the equivalent of a UWA grade point average (GPA) of at least 5.0*.		
(ii) the equivalent of a UWA weighted average mark (WAM) of at least 60 per cent*; or			(4) To be considered for transfer to this course an applicant must have—		
(iii) the equivalent of a UWA grade point average (GPA) of at least 5.0*; or			(a) at a minimum, completed the equivalent of a full semester of the UWA Juris Doctor course at an Australian University;		
(c)			and		
(i) an Advanced Diploma in Indigenous Legal Studies of this University; and			(b) achieved the equivalent of a UWA weighted average mark (WAM) of at least 60 per cent in that Juris Doctor course.		
(ii) the equivalent of a UWA weighted average mark (WAM) of at least 65 per cent;			(5) Prior to admission, international students must obtain a criminal record check from their country of origin or recent residence.		
(d)			• All completed tertiary studies will be used when calculating the WAM and GPA. The GPA and WAM may be calculated by disregarding the lowest four results in the applicant's undergraduate studies, provided that the final calculation is based on a minimum of 16 units.		
(i) a bachelor's degree, or an equivalent qualification, as recognised by UWA; and					
(ii) a School of Indigenous Studies Law Admission Test score.					
(3) To be considered for admission to this course via the Equity and Diversity Pathway an applicant must have—					
(a)					
(i) held a protection, refugee or humanitarian visa within seven years prior to applying for admission to this course; or					





Master of Teaching  
(Early Childhood)



Course description

This course prepares university graduates for a rewarding career in teaching. By studying a teaching degree at UWA, you will gain valuable practical experience in our many partner schools and work with outstanding lecturers who integrate theory and practice across learning areas.

**Early Childhood**  
Early childhood teachers play a critical role in preparing young children for lifelong learning, personal wellbeing and participation in society. This course places a strong emphasis on in-depth knowledge of the research, theory and practical skills required of educators in early childhood settings, from birth to the lower primary years.

The Master of Teaching (Early Childhood) will qualify you to work in government and non-government schools in Australia, as well as in a range of other early childhood settings such as childcare centres.

Course details

**study.uwa.edu.au/m/teaching-early-child**  
**UWA course code:** 31520  
**CRICOS code:** 077502G  
**Duration:** 1.5–2 years  
**Intake period:** February/July (part-time study only)  
**Mode of study:** coursework  
**2019 tuition fee (per year):** AUD\$31,600

(2) Applicants who have a bachelor's degree in education, or an equivalent qualification, as recognised by UWA, are not eligible for admission.

(3) Before admission, international students must obtain a criminal record check from their country of origin or recent residence.

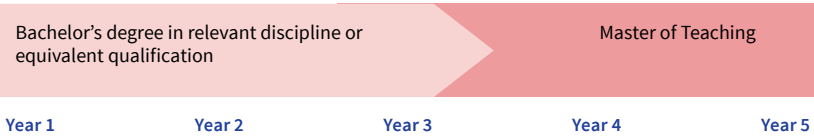
**Note:** Applicants must also provide a satisfactory non-academic assessment (personal statement) at the point of application.

**English language requirement**  
IELTS (Academic) 7.5 (minimum of 7.0 in reading and writing and 8.0 in listening and speaking). For the most up-to-date information visit **study.uwa.edu.au/elc**.

**Requirements**  
(1) To be considered for admission to this course an applicant must have—  
(a) a bachelor's degree, or an equivalent qualification, as recognised by UWA;  
and  
(b) the equivalent of a UWA weighted average mark of at least 60 per cent;  
and  
(c) at least one year of the bachelor's degree relevant to one or more learning areas in the Early Childhood or Primary school curriculum for applicants who wish to major in Early Childhood or Primary Teaching respectively;



Master of Teaching  
(Primary)



Course description

This course prepares university graduates for a rewarding career in teaching. By studying a teaching degree at UWA you will gain valuable practical experience in our many partner schools and work with outstanding lecturers who integrate theory and practice across learning areas.

**Primary**  
Primary teachers are pivotal in helping children build strong foundations and confidence in their learning. This course provides in-depth knowledge on how to support children in their development of knowledge, understanding and skills across a range of learning areas. The Master of Teaching (Primary) will qualify you to teach in Australian primary schools.

Course details

**study.uwa.edu.au/m/teaching-primary**  
**UWA course code:** 31520  
**CRICOS code:** 077502G  
**Duration:** 1.5–2 years  
**Intake period:** February/July (part-time study only)  
**Mode of study:** coursework  
**2019 tuition fee (per year):** AUD\$31,600

(2) applicants who have a bachelor's degree in education, or an equivalent qualification, as recognised by UWA, are not eligible for admission.

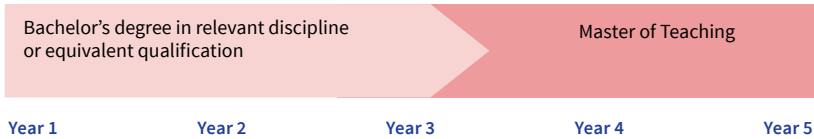
(3) Before admission, international students must obtain a criminal record check from their country of origin or recent residence.

**Note:** Applicants must also provide a satisfactory non-academic assessment (personal statement) at the point of application.

**English language requirement**  
IELTS (Academic) 7.5 (minimum of 7.0 in reading and writing and 8.0 in listening and speaking). For the most up-to-date information visit **study.uwa.edu.au/elc**.

**Requirements**  
(1) To be considered for admission to this course an applicant must have—  
(a) a bachelor's degree, or an equivalent qualification, as recognised by UWA;  
and  
(b) the equivalent of a UWA weighted average mark of at least 60 per cent;  
and  
(c) at least one year of the bachelor's degree relevant to one or more learning areas in the Early Childhood or Primary school curriculum for applicants who wish to major in Early Childhood or Primary Teaching respectively;

Master of Teaching  
(Secondary)



Course description

This course prepares university graduates for a rewarding career in teaching. Candidates must have a degree with a major in the subject that they wish to teach and that can be found in the school curriculum. This course aims to graduate highly skilled professionals who have the key practical skills required for effective secondary teaching, informed by current theory and research. As there is a severe shortage of secondary Mathematics and Physics teachers in Australian schools, we particularly encourage students with qualifications in those areas to consider a career in teaching.

Course details

**study.uwa.edu.au/m/teaching-secondary**  
**UWA course code:** 32550  
**CRICOS code:** 095238C  
**Duration:** 1.5–2 years  
**Intake period:** February/July  
**Mode of study:** coursework  
**2019 tuition fee (per year):** AUD\$31,600

(c) the equivalent of a UWA weighted average mark of at least 60 per cent.

(2) Applicants who have an Australian teaching qualification or equivalent as recognised by UWA are not normally eligible for admission.

(3) Before admission, international students must obtain a criminal record check from their country of origin or recent residence.

**Note:** Applicants must also provide a satisfactory non-academic assessment (personal statement) at the point of application.

**English language requirement**  
IELTS (Academic) 7.5 (minimum of 7.0 in reading and writing and 8.0 in listening and speaking). For the most up-to-date information visit **study.uwa.edu.au/elc**.

**Requirements**  
(1) To be considered for admission to this course an applicant must have—  
(a) a bachelor's degree, or an equivalent qualification, as recognised by UWA;  
and  
(b) a major relevant to secondary teaching curriculum majors offered by UWA;  
and

Additional Information

**Early Childhood, Primary and Secondary teaching requirements**  
  
Teacher education students are required to obtain a National Criminal Record Check and a Working with Children Clearance before being placed on teaching practice. Students must also obtain a police clearance before placement and it is strongly recommended that international students obtain this from their home country before arriving in Australia.



# Master of Translation Studies

## Course description

The Master of Translation Studies provides advanced translation training to develop your abilities to practise as a bilingual/multilingual professional. The course, taught by practitioners and translation researchers, is approved by the National Accreditation Authority for Translators and Interpreters of Australia (NAATI), making you eligible to apply to the prestigious NAATI certification as an Advanced Professional or Professional Translator.

Specialised translation training is available between English and Chinese, French, German, Indonesian, Italian, Japanese, Korean and Spanish language pairs in both directions. Chinese interpreting is also available to students in combination with the English/Chinese language pair.<sup>1</sup>

The course fosters critical thinking, and linguistic and analytical skills through frontier translation theories and latest technologies, as well as the opportunity for individual supervision of a translation research project. As a result of strong collaboration links with local and national professional organisations and agencies, students are offered practical skills development on a regular basis.

<sup>1</sup> Chinese interpreting is available to students in the language pair English/Chinese, provided they have completed 48 points of the Master of Translation Studies, achieving a WAM of 70 per cent.

Bachelor of Arts with a major in French, German Italian, Spanish, Indonesian, Japanese, Korean or Chinese Studies			Master of Translation Studies	
Year 1	Year 2	Year 3	Year 4	Year 5
Course details				

study.uwa.edu.au/m/translation-studies

**UWA course code:** 12520  
**CRICOS code:** 079540G  
**Duration:** 1.5–2 years\*  
**Intake period:** February, July  
**Mode of study:** coursework or coursework and dissertation  
**2019 tuition fee (per year):** AUD\$33,100

### Professional placement

The course includes a work placement component where students apply knowledge in industry environments.

### Requirements

- (a) a relevant bachelor's degree, or an equivalent qualification, as recognised by UWA; *and*  
(b) the equivalent of a UWA weighted average mark of at least 65 per cent in the Level 3 units of a relevant major; *and*  
(c)  
(i) demonstrated native or near-native proficiency in the chosen language specialisation; *or*  
(ii) for French, Italian, German, and Spanish, B2/C1 levels of the Common European Framework of Reference for Languages, for Japanese, Level N2/N3 at the JLPT (Japanese Language Proficiency Test), for Indonesian, Level 3 at the UKBI (Ujian Kemahiran Bahasa Indonesia) or Level 4 at the ISLPR (International Second Language Proficiency Ratings), and for Korean, Level 4 at the TOPIK (Test of Proficiency in Korean).

### English language requirement

To be eligible for consideration for admission to this course an applicant must satisfy the University's English language competency requirement as set out in the University Policy on Admission: Coursework.

IELTS (Academic) overall score minimum of 6.5, no band less than 6.0 (must include Academic Reading and Writing modules). For the most up-to-date information visit [study.uwa.edu.au/elc](http://study.uwa.edu.au/elc).

- Provided you have studied a cognate subject in your undergraduate degree, you may elect to complete the course in 1.5 years rather than the standard two years.

A credit of 24 points (one semester) may be given to students with a major in any of the eight languages offered in the Master.

# Faculty of Science

## Clinical Audiology

## Course description

Audiology is the clinical science involving the prevention, assessment and rehabilitation of hearing loss and associated communication disorders. The course includes supervised clinical placements in a variety of workplace settings, and graduates are eligible for full membership of the Audiological Society of Australia.

The Master of Clinical Audiology is available every second year. The next intake of students will commence in 2020.

Bachelor's degree or an equivalent qualification			Master of Clinical Audiology	
Year 1	Year 2	Year 3	Year 4	Year 5
Course details				

study.uwa.edu.au/m/clin-audiology

**UWA course code:** 90540  
**CRICOS code:** 033772E  
**Duration:** 2 years  
**Intake period:** February (every second year, next intake in 2020)  
**Mode of study:** coursework  
**2019 tuition fee (per year):** AUD\$42,400

### Requirements

- (a) a bachelor's degree, or equivalent qualification, as recognised by UWA; *and*  
(b) the equivalent of a UWA weighted average mark of at least 65 per cent, taken from the most recent degree of at least one year full-time duration; *and*  
(c) students must obtain a current National Police Certificate, National Criminal History Check or equivalent certification from country of residence, indicating no criminal conviction.

The currency of a National Police Certificate or a National Criminal History Check is 12 months.  
(d) Where relevant, admission will be awarded to the highest ranked applicants or applicants selected based on—  
(i) the above admission requirements; *and*  
(ii) a satisfactory personal statement, as recognised by UWA; and (c) the intake quota for that year.

**Note:** This course is also available combined with a PhD.

### English language requirement

IELTS (Academic) overall score minimum of 7.0, no band less than 7.0 (must include Academic Reading and Writing modules). For the most up-to-date information visit [study.uwa.edu.au/elc](http://study.uwa.edu.au/elc).





# Faculty of Health and Medical Sciences

## Social Work

### Course description

The Master of Social Work is suitable for those with an undergraduate degree in a relevant field who would like to pursue a professional qualification in social work. This course prepares beginning social work practitioners for employment in local, state and international human services agencies. The course is accredited by the Australian Association of Social Workers (AASW).

## Dental Medicine

As a Doctor of Dental Medicine (DMD) student you'll be based at the Oral Health Centre of Western Australia, a high-tech dental teaching hospital and learning facility at the UWA Health Campus. You will learn by treating patients under close supervision by highly experienced and skilled tutors, and by observing general and specialist dentists treating a wide range of dental conditions. Successful graduates will be able to register with the Dental Board of Australia as a dentist and enter the profession immediately.

You'll start your Dental studies with a comprehensive view of the human body anatomy and physiology, preparing you for following years. In your second year you'll actively engage in a research project along with units designed to improve your hand skills, diagnostics, critical thinking and personal and professional development. In your third year, you'll undertake quasi-independent but supervised practice that continues on to your fourth and final year. In fourth year you will experience different practice scenarios, which take place inside and outside the School with compulsory rural and metropolitan placements with Dental Health Services.



### Course details

[study.uwa.edu.au/m/social-work](http://study.uwa.edu.au/m/social-work)

**UWA course code:** 11550  
**CRICOS code:** 065091K  
**Duration:** 2 years  
**Intake period:** February  
**Mode of study:** coursework or coursework and dissertation  
**2019 tuition fee (per year):** AUD\$31,600

**Requirements**  
To be considered for admission to this course an applicant must have a bachelor's degree, or an

equivalent qualification, as recognised by UWA. Students are also required to have achieved the equivalent of at least 60 WAM as recognised by UWA in their undergraduate degree.

**English language requirement**  
IELTS (Academic) 7.0 (no band less than 7.0). to be achieved at time of application. For the most up-to-date information visit [study.uwa.edu.au/elc](http://study.uwa.edu.au/elc)

<sup>1</sup> Applicants must have completed a recognised bachelor's degree. Postgraduate degree studies or other qualifications without a bachelor's degree are not accepted.

[study.uwa.edu.au/d/dental-medicine](http://study.uwa.edu.au/d/dental-medicine)

**UWA course code:** 90860  
**CRICOS code:** 089787B  
**Duration:** 4 years  
**Intake period:** January  
**Mode of study:** coursework  
**2019 tuition fee (per year):** AUD\$78,100

**Graduate entry requirements**  
(1) (a) a bachelor's degree, as recognised by UWA; *and*  
(b) the equivalent of a UWA grade point average (GPA) of at least 5.5; *and*  
(c) (i) a Graduate Medical School Admissions Test (GAMSAT) overall score of at least 50 and no section score less than 50; *or*  
(ii) a Medical College Admission Test (MCAT) score of at least 123/123/123/123 for international applicants; *or*  
(iii) a Canadian Dental Admissions Test (CDAT) overall score of at least 15 with no section score less than 15.  
(2) Invitation to attend the structured interview will be based on equal weightings under (1)(b) and (c), in alignment with the interview quota for the year.  
(3) Eligible applicants who are interviewed will be assessed based on the personal qualities considered desirable in dental practitioners and will undergo a Spatial Awareness test.

(4) Admission will be awarded to the highest ranked applicants under (1), (2) and (3) who fall within the intake quota for that year, based on equal weighting of the GPA; GAMSAT/MCAT or CDAT; Interview Score.

**English language requirement**  
IELTS (Academic) 7.0 (no band less than 7.0). For the most up-to-date information visit [study.uwa.edu.au/elc](http://study.uwa.edu.au/elc)

DMD applications open in March and close on 31 May each year.

The Medical College Admission Test (MCAT) and the Graduate Australian Medical School Admissions Test results must be submitted by 31 May each year. Students who will receive the results slightly after this date are to contact the Faculty for eligibility advice.

Successful applicants will receive an interview request by email. Interviews in Hong Kong, Singapore and Canada take place from July. Perth-based interviews usually take place in August.

A supplementary form is required in addition to the standard entry requirements. Visit [study.uwa.edu.au/d/dental-medicine](http://study.uwa.edu.au/d/dental-medicine) for details.

**Note:** You may be required to submit IELTS upon professional registration. Entry requirements for the Direct Pathway to this course differ from the Graduate Entry. Visit [study.uwa.edu.au/courses/dental-medicine](http://study.uwa.edu.au/courses/dental-medicine) for further information.

<sup>1</sup> Applicants must have completed a recognised bachelor's degree. Postgraduate degree studies or other qualifications without a bachelor's degree are not accepted.

## Medicine



### Course description

The Doctor of Medicine (MD) aims to produce graduates committed to the wellbeing of the patient, community and society as responsible, accountable, scholarly, capable and caring doctors.

The future doctor will need to fulfill a number of roles including that of a professional, leader, advocate, clinician, educator and scholar, and these key roles form the themes around which the UWA MD curriculum is structured. This course prepares graduates with the professional attributes required for successful internships, and graduates are able to be registered for professional practice as a doctor.

In the first year, you'll gain necessary background knowledge in biomedical sciences. In years two and three, students have clinical attachments in the wards and clinics of the hospitals of Perth, general practices or other community settings. Many students spend their third year learning in a UWA Rural Clinical School. You may also pursue opportunities for depth of study in areas of your interest through electives and scholarly activity.

The final year continues the clinical attachments and completion of a scholarly activity and concludes with a Preparation for Internship block to ensure graduates are ready for work as interns.

### Course details

[study.uwa.edu.au/d/medicine](http://study.uwa.edu.au/d/medicine)

**UWA course code:** 90850  
**CRICOS code:** 089788A  
**Duration:** 4 years  
**Intake period:** January  
**Mode of study:** coursework  
**2019 tuition fee (per year):** AUD\$78,100

**Graduate entry requirements**  
(1) (a) a bachelor's degree, as recognised by UWA; *and*  
(b) the equivalent of a UWA grade point average (GPA) of at least 5.5; *and*  
(c) (i) a Graduate Medical School Admissions Test (GAMSAT) overall score of at least 55 and no section score less than 50; *or*  
(ii) a Medical College Admission Test (MCAT) score of at least 123/123/123/123 for international applicants.  
(2) Invitation to attend the structured interview will be based on equal weightings under (1)(b) and (c), in alignment with the interview quota for the year.  
(3) Eligible applicants who are interviewed will be assessed based on the personal qualities considered desirable in medical practitioners.  
(4) Admission will be awarded to the highest ranked applicants under (1), (2) and (3) who fall within the intake quota for that year, based on equal weighting of the GAMSAT/MCAT, GPA and interview.

**English language requirement**  
IELTS (Academic) 7.0 (no band lower than 7.0). Must include academic reading and writing modules.

MD applications open in March and close on 31 May each year.

The Medical College Admission Test (MCAT) and the Graduate Australian Medical School Admissions Test results must be submitted by 31 May each year. Students who will receive the results slightly after this date are to contact the Faculty for eligibility advice.

Successful applicants will receive an interview request by email. Interviews in Hong Kong, Singapore and Canada usually take place from July. Perth-based interviews usually take place in August.

A supplementary form is required in addition to the standard entry requirements. Visit [study.uwa.edu.au/d/medicine](http://study.uwa.edu.au/d/medicine) for details.

**Note:** If upon graduation from this course you wish to practice medicine in Australia and you have completed your secondary schooling overseas, you will be required to meet the Australian Health Practitioner Regulation Agency (AHPRA) English requirements for registration purposes. For further details on this requirement refer to the Medical Board of Australia. Entry requirements for the Direct Pathway to this course differ from the Graduate Entry. Visit [study.uwa.edu.au/courses/doctor-of-medicine](http://study.uwa.edu.au/courses/doctor-of-medicine) for further information.

<sup>1</sup> Applicants must have completed a recognised bachelor's degree. Postgraduate degree studies or other qualifications without a bachelor's degree are not accepted.

## Podiatric Medicine

### Course description

The Doctor of Podiatric Medicine (DPM) is an exciting course designed to produce highly trained and competent podiatrists who are prepared to enter clinical practice as primary contact healthcare practitioners in the diagnosis and treatment of conditions affecting the foot and ankle.

Most podiatrists work in general practice and see an interesting and wide range of patients with foot and leg problems, often associated with other medical conditions. Many podiatrists develop expertise in a specific area of podiatry, such as sports injuries, podiatric biomechanics or management of the high-risk foot.

A variety of teaching methods are used in the DPM including lectures, tutorials, simulation and directed self-learning, case-based and problem-based learning and practical training in the clinic and on external placement, including in rural WA. All elements are designed to emphasise patient-focused practice. Clinical practice begins in the second year and increases in the third year.



### Course details

[study.uwa.edu.au/courses/doctor-of-podiatric-medicine](http://study.uwa.edu.au/courses/doctor-of-podiatric-medicine)

**UWA course code:** 90870  
**CRICOS code:** 075343A  
**Duration:** 3 years  
**Intake period:** January  
**Mode of study:** coursework  
**2019 tuition fee (per year):** AUD\$54,400

**Graduate entry requirements**  
(a) a bachelor's degree, or an equivalent qualification, as recognised by UWA; *and*  
(b) the equivalent of a UWA grade point average of at least 5.0; *and*  
(c) (i) a Graduate Medical School Admissions Test overall score of at least 50 and no section score less than 50; *or*  
(ii) a Medical College Admission Test score of at least or 123/123/123/123; *or*

(iii) completed a human biology, animal biology, physiology, pharmacology, genetics or microbiology unit at a tertiary level; *and*  
(iv) completed a chemistry or biological chemistry unit at a tertiary level.

**English language requirement**  
IELTS (Academic) 7.0 (no band less than 7.0). DPM applications open in March and close 30 September.

A supplementary form is required in addition to the standard entry requirements. Visit [study.uwa.edu.au/courses/doctor-of-podiatric-medicine](http://study.uwa.edu.au/courses/doctor-of-podiatric-medicine) for details.

**Note:** You may be required to submit IELTS upon professional registration. Entry requirements for the Direct Pathway to this course differ from the Graduate Entry. Visit [study.uwa.edu.au/courses/doctor-of-podiatric-medicine](http://study.uwa.edu.au/courses/doctor-of-podiatric-medicine) for further information.

<sup>1</sup> Applicants must have completed a recognised bachelor's degree. Postgraduate degree studies or other qualifications without a bachelor's degree are not accepted.



Pharmacy



Course description

The Master of Pharmacy provides advanced study in the areas of pharmacy practice, clinical pharmacy, pharmaceuticals, medicinal chemistry, pharmacotherapy and health systems, and includes practical training in community and hospital pharmacy.

Our program differs in many respects from others; most notable is our small yearly intake of about 50 students who are selected from a large pool of applicants each year. This fosters an excellent learning culture and our students complete their work in small groups with readily available access to academic and professional staff, plus a superior level of peer support.

Students benefit from one-to-one interaction with academic and professional staff, particularly in the area of pharmacy practice, which greatly enhances our students' professional interpersonal skills.

We're also in a fortunate position to offer every student the opportunity of workplace-based training, not only in the community but in a number of major hospitals and aged-care facilities. This provides students with insight into various career pathways and exposes them to the diverse range of healthcare in our society (primary, acute, women, children and aged care). For eligible students we offer alternative placements in rural Australia and international locations.

Course details

[study.uwa.edu.au/m/pharmacy](http://study.uwa.edu.au/m/pharmacy)

**UWA course code:** 51500

**CRICOS code:** 051547J

**Duration:** 2 years

**Intake period:** End of January

**Mode of study:** coursework

**2019 tuition fee:** AUD\$38,080

Graduate entry requirements

- (1)  
(a)
- (i) a bachelor's degree or an equivalent qualification, as recognised by UWA; *and* the equivalent of a UWA grade point average (GPA) of at least 5.0; the Faculty calculates the GPA from the most recent three years of university degree study;
  - (ii) *and* demonstrated adequate knowledge of each of the following: chemistry (at Year 12 or tertiary level), mathematics (Year 12 or tertiary level mathematics or statistics), microbiology (at tertiary level) and pharmacology (at tertiary level); *and*
- (c) a current Australian National Police Certificate,<sup>2</sup> or equivalent certification, indicating no criminal conviction.
- (2) Invitation to attend the structured interview will be based on (1)(a) and (b), in alignment with the interview quota for the year.
- (3) Eligible applicants who are interviewed will be assessed based on the personal qualities considered desirable in pharmacists.

- (4) Admission will be awarded to the highest ranked applicants under (1), (2) and (3) who fall within the intake quota for that year, based on equal weighting of the GPA and interview.
- (5) Applicants with qualifications from overseas institutions where English is not the medium of instruction must provide evidence of English language competence, with applicants presenting with the IELTS Academic requiring an overall score of at least 7, with no sub-score less than 7.0.

English language requirement

IELTS (Academic) 7.0 (no band less than 7.0). For the most up-to-date information visit [study.uwa.edu.au/elc](http://study.uwa.edu.au/elc)

Applications open in March and close on 31 May.

Visit [study.uwa.edu.au/m/pharmacy](http://study.uwa.edu.au/m/pharmacy) for details.

**Note:** You may be required to submit IELTS upon professional registration.

<sup>1</sup> Applicants must have completed a recognised bachelor's degree. Postgraduate degree studies or other qualifications without a bachelor's degree are not accepted.

<sup>2</sup> Currency of a National Police Certificate is 12 months.

Faculty of Engineering and Mathematical Sciences

Engineering

Course description

The Master of Professional Engineering course is for graduates who have completed undergraduate studies in engineering, mathematics or physics and who want to gain an internationally recognised qualification to practise as a professionally accredited engineer.

The course, designed in consultation with industry, equips you with both outstanding technical and leadership skills and the ability to work creatively as part of a team across the breadth of an engineering challenge in your area of specialisation.

Professional accreditation

The Master of Professional Engineering has been assessed for accreditation by Engineers Australia, the national accreditation body. The Chemical, Civil, Electrical and Electronic, Environmental, Mechanical and Mining Engineering specialisations were fully accredited in 2016–2017. The remaining specialisation (Software) is provisionally accredited until the required number of students graduate. In addition, our graduates are recognised internationally through the Washington Accord of the International Engineering Alliance. The Master of Professional Engineering (Chemical) specialisation is accredited by the Institute of Chemical Engineers (IChemE). The Master of Professional Engineering (Software Engineering) has been provisionally accredited by the Australian Computer Society.

Professional practicum

As part of your engineering studies you will complete a 12-week practicum and professional development experience. This can be done with at least eight weeks in an engineering firm of your choice.

Specialisations

- Choose from the following specialisations:
- Biomedical Engineering
  - Civil Engineering
  - Chemical Engineering
  - Electrical and Electronic Engineering
  - Environmental Engineering
  - Mechanical Engineering
  - Mining Engineering
  - Software Engineering

Bachelor's degree with a major in Engineering Science; or a recognised bachelor's degree with an appropriate average as recognised by the Faculty, and prior studies in engineering, mathematics or physics

Master of Professional Engineering



Course details

[study.uwa.edu.au/mpe](http://study.uwa.edu.au/mpe)

**UWA course code:** 62550

**CRICOS code:** 074099E

**Duration:** 2–3 years<sup>1</sup>

**Intake period:** February, July

**Mode of study:** coursework

**2019 tuition fee (per year):** AUD\$39,800

Requirements

- (a) a bachelor's degree with a major in Engineering Science, or an equivalent qualification, as recognised by UWA<sup>2</sup>;
- or
- (b) a bachelor's degree, completed with the equivalent of a UWA weighted average mark of at least 65 per cent, with prior studies in engineering, physics or mathematics;
- or
- (c) completed units in the Master of Professional Engineering Preliminary course at UWA as prescribed by the Faculty;
- or
- (d) completed a UWA Diploma in Science with a major in Engineering Science with an average of at least 60 per cent.

English language requirement

IELTS (Academic) overall score minimum of 6.5, no band less than 6.0 (must include Academic Reading and Writing modules). For the most up-to-date information visit [study.uwa.edu.au/elc](http://study.uwa.edu.au/elc).

<sup>1</sup> The course duration will be two to three years for graduates without previous studies in engineering or who are missing required preparation units. Recognition of prior learning and/or application for credit (advanced standing) will be assessed by the University on a case-by-case basis at the time of application.

<sup>2</sup> Students who commenced Engineering Science from 2015 and who are not in the Direct Pathway are required to achieve a UWA weighted average mark of at least 60 per cent in their bachelor's degree.



# How to apply

## START HERE

1

### Choose a course

You may choose up to six preferences. If you are not accepted for your first preference, you will automatically be assessed for your next preference, and so on.

You may also choose to apply via a Direct Pathway into a professional postgraduate course to follow your undergraduate course. Wherever possible, the University will provide you with a conditional offer to the professional degree based on successful completion of your bachelor's degree to a specific standard. If you accept a Direct Pathway place into a professional postgraduate course, you will be able to package your visa for the duration of your studies.

2

### Check the entry requirements

- Academic requirements — the University publishes the minimum entry scores for admission to each of its courses — you will find them on pages 96–97. Students with qualifications other than those published will also be considered on a case-by-case basis.
- English language competence – all students must satisfy the University's English language competence requirements through an approved test or course of English. Refer to page 94 for details or visit [study.uwa.edu.au/elc](http://study.uwa.edu.au/elc)
- The postgraduate Doctor of Dental Medicine, Juris Doctor, Doctor of Medicine, Master of Pharmacy and Doctor of Podiatric Medicine have entry requirements in addition to the English language competence and academic entry requirements.

It is worth noting that you are required to submit a clear colour scan or photograph of your original academic transcripts or English Language Competence evidence in your online application.

3

### Submit an application

#### Direct to UWA

Submit an online application via [study.uwa.edu.au/how-to-apply](http://study.uwa.edu.au/how-to-apply). We must receive a clear colour scan or photograph of your academic transcripts and evidence that you have satisfied the University's English language requirements in your online application.

OR

#### Through a UWA representative

Submit an application through an official representative of The University of Western Australia. To see the full list of UWA representatives in your country, visit [study.uwa.edu.au/international-agents](http://study.uwa.edu.au/international-agents). Our representatives will assist you with the lodgement of your application, accommodation and visa, as well as provide a variety of other services.

4

### Accept your offer

To accept an offer, you will need to click the 'Respond to my offer' button in the offer-letter email you receive. This will take you to **UWA Accept** — the acceptance portal — where you can activate your student account and log into UWA Accept ([uwa.edu.au/accept](http://uwa.edu.au/accept)). Here you can upload any documents required to meet any conditions you may have on your offer letter, then digitally sign your acceptance contract and make your first payment online (credit card in AUD or international money transfer via Western Union which has many different payment options).

Once you have made your payment online and UWA has verified receipt of funds, we will email you pre-departure information and your Confirmation of Enrolment (CoE) which you will need to commence your student visa application process.

You will be required to make your own travel and student visa arrangements. UWA's overseas representatives will be able to help you with these arrangements if you need any additional advice or assistance.

i

### Am I a domestic or international student?

You are an **international student** if you are:

- a temporary resident (visa status) of Australia,
- a permanent resident (visa status) of New Zealand, or
- a resident or citizen of any other country.

You are an Australian **domestic student** if you are:

- an Australian citizen,
- an Australian permanent resident (holders of all categories of permanent residency visas, including humanitarian visas), or
- a New Zealand citizen.

For information on applying online, visit [study.uwa.edu.au/how-to-apply](http://study.uwa.edu.au/how-to-apply)

i

Our Future Students team is on hand to answer your questions about studying at UWA. Contact us about how uni works and how to apply, find out more about our courses and discover what life's like as a student.

**Future Students Centre**  
+61 8 6488 1000 | [ask.uwa.edu.au](mailto:ask.uwa.edu.au)



# Important dates 2020

		From	To
Semester 1	Orientation Week	17 February	21 February
	Weeks 1 to 7	24 February	10 April
	Study break	13 April	17 April
	Weeks 8 to 12	20 April	22 May
	Study break	25 May	29 May
	Examination period	30 May	13 June
Break		15 June	24 July
Semester 2	Orientation Week	20 July	24 July
	Weeks 1 to 9	27 July	25 September
	Study break	28 September	2 October
	Weeks 10 to 12	5 October	23 October
	Study break	26 October	30 October
	Examination period	31 October	14 November

Our Future Students team is on hand to answer your questions about studying at UWA. Contact us about how uni works and how to apply, find out more about our courses and discover what life’s like as a student.

**Future Students Centre**  
+61 8 6488 1000 | [ask.uwa.edu.au](mailto:ask.uwa.edu.au)



# Useful links

Accept your UWA offer	<a href="http://uwa.edu.au/accept">uwa.edu.au/accept</a>
Accommodation	UWA on-campus accommodation: <a href="http://study.uwa.edu.au/student-life/accommodation/live-on-campus">study.uwa.edu.au/student-life/accommodation/live-on-campus</a> UWA off-campus accommodation: <a href="http://uwacrawleyvillage.studystays.com.au/">uwacrawleyvillage.studystays.com.au/</a> Perth off-campus accommodation: <a href="http://study.uwa.edu.au/student-life/accommodation/cbd-accommodation">study.uwa.edu.au/student-life/accommodation/cbd-accommodation</a>
Apply to UWA	<a href="http://study.uwa.edu.au/apply">study.uwa.edu.au/apply</a>
Cost of living	<a href="http://study.uwa.edu.au/cost-of-living">study.uwa.edu.au/cost-of-living</a>
English language programs	<a href="http://www.celt.uwa.edu.au">www.celt.uwa.edu.au</a>
Graduate Research School	<a href="http://postgraduate.uwa.edu.au">postgraduate.uwa.edu.au</a>
International scholarships	<a href="http://study.uwa.edu.au/UWA-funded-scholarships">study.uwa.edu.au/UWA-funded-scholarships</a>
Life at UWA	<a href="http://study.uwa.edu.au/international-students">study.uwa.edu.au/international-students</a>
Meet us in your country	<a href="http://study.uwa.edu.au/find-us-in-your-country">study.uwa.edu.au/find-us-in-your-country</a>
Overseas student health cover	<a href="http://study.uwa.edu.au/health-requirements">study.uwa.edu.au/health-requirements</a>
Pathway programs	<a href="http://study.uwa.edu.au/alternative-entry-pathways">study.uwa.edu.au/alternative-entry-pathways</a>
Research at UWA	<a href="http://research.uwa.edu.au">research.uwa.edu.au</a>
Study at UWA	<a href="http://study.uwa.edu.au">study.uwa.edu.au</a>
Student visa information	<a href="http://study.uwa.edu.au/student-visas">study.uwa.edu.au/student-visas</a>
UniBuddy	<a href="http://study.uwa.edu.au/chat-to-a-student">study.uwa.edu.au/chat-to-a-student</a>
UWA events in your country	<a href="http://study.uwa.edu.au/international-students/events-in-your-country">study.uwa.edu.au/international-students/events-in-your-country</a>



# Entry pathways into UWA

There are several pathways from which students can enter university. UWA welcomes students directly from high schools, pre-university ‘foundation’ programs, or diplomas.

Entry to undergraduate courses is offered to all students who achieve the required entry score for the undergraduate program of their choice. Students are also required to meet the English language requirements of the University and prerequisites for chosen majors. For more information, visit [study.uwa.edu.au/international](http://study.uwa.edu.au/international).

## The University of Western Australia Foundation Program (UWAFP)<sup>®</sup>

The University of Western Australia Foundation Program<sup>®</sup> is delivered by Taylors College Perth and prepares international students for entry to undergraduate courses at UWA. The program is designed for international students wishing to complete their final-year studies in Australia in preparation for entering UWA.

The program is taught at the University’s Claremont site, situated three kilometres from the main Perth campus. All students have access to UWA facilities and student services.

**Program starts:**  
January, April, July and October

## The Western Australian Universities Foundation Program (WAUFP)<sup>®</sup>

The Western Australian Universities Foundation Program (WAUFP) is owned by the four public universities in Western Australia, and successful completion of this program with the required score guarantees students entry into an undergraduate degree at UWA. The program is designed for international students for whom English is a second language and whose academic achievement in their home countries is not sufficient for direct entry into a Western Australian university. Students select three or four academic subjects to study, along with one compulsory subject called English Language and Australian Cultural Studies (ELACS). The program meets national foundation standards and is run by Canning College, St George’s Anglican Grammar School and The Experimental School (affiliated to Nanjing Normal University).

**Program starts:** February and July

## Canning College Diploma of Commerce

This program offers international students direct entry into the second year of the Bachelor of Commerce at UWA, although they may be restricted to completing only one major.

**Program starts:** February and July

## Taylors College Diploma of Commerce

The program, available in eight- or 12-month formats, is designed specifically for students looking for an alternative pathway to UWA’s Bachelor of Commerce, and is equivalent to the first year of that degree.

**Program starts:**  
February, June and October

## Taylors College Diploma of Science

The Diploma of Science has been designed as an alternative pathway into the Bachelor of Science at UWA. The Diploma is available in either an eight- or 12-month format. Successful completion guarantees entry into the second year of selected majors in the Bachelor of Science.

**Program starts:**  
February, June and October

## Other International Foundation Programs

UWA also accepts a range of other foundation programs, including any Group of Eight universities foundation programs, Northern Consortium United Kingdom’s (NCUK) International Foundation Year, and selected foundation programs at universities overseas. For more information, visit [study.uwa.edu.au/alternative-entry-pathways](http://study.uwa.edu.au/alternative-entry-pathways).

## Credit transfer/ advanced standing

UWA may grant academic credit for study undertaken at another tertiary institution or college if the subjects completed are equivalent in content and standard to those taught at UWA and are relevant to the chosen course. UWA has credit arrangements in place for a number of Singaporean, Malaysian and Hong Kong polytechnics and educational institutions, in the areas of architecture, business, engineering, computer science, and life and physical sciences.

### For more information

#### Canning College

[canningcollege.wa.edu.au](http://canningcollege.wa.edu.au)  
CRICOS Provider Code: 00463B

#### St George’s Anglican Grammar School

[ascinternational.wa.edu.au](http://ascinternational.wa.edu.au)  
CRICOS Provider Code: 03547G

#### Taylors College Perth

[taylorsperth.edu.au](http://taylorsperth.edu.au)  
CRICOS Provider Code: 01682E

#### The Experimental School (affiliated to Nanjing Normal University)

[fx.njnu.edu.cn](http://fx.njnu.edu.cn)



# English language requirements

Qualification equivalents	UWA requirements
All India Examination (CBSE) or Indian School Certificate (CISCE)	English language components with a minimum grade B2 (CBSE) or 60 per cent (CISCE)
Australian Year 12	A pass in acceptable English/English Literature subject
Foundation programs – Go8 universities	An appropriate pass in the English paper of a Go8 foundation program
GCE A level	Minimum grade in E in English Language, English Literature or English Language and Literature
GCE AS level (General Paper)	Minimum grade C awarded by CIE
GCE A level (Singapore-Cambridge)	Minimum grade E in Knowledge and Inquiry Minimum grade C in General Paper
CGE O level (GCSE and IGCSE)	Minimum grade C/C6 in English, English Language, English (First Language) or English Literature Minimum grade A in IGCSE English as a Second Language, with grade one (1) in Oral/Aural Communication
German Abitur	Minimum grade 3, in conjunction with a minimum grade B in DAAD (German Academic Exchange Service) Certificate of Language Proficiency test
Hong Kong Diploma of Secondary Education (HKDSE)	Core English Language, minimum level 4 Literature in English elective, minimum level 3
IELTS (Academic)	Overall minimum score of 6.5, no band lower than 6.0
International Baccalaureate Diploma (IB)	English A1 at HL or SL, minimum score 4 English A2 at HL or SL, minimum score 4 English B at HL, minimum score 5
Norwegian Vitnemal	Minimum grade 4 in the English component
Pearsons Test of English (PTE) (Academic)	An overall score of 64 with a minimum score of 59 in the speaking and writing sections, and no less than 54 in the other sections
TOEFL	Internet-based TOEFL (iBT): an overall score of 82 or above with a minimum score of 22 in writing, 18 in reading, 20 in speaking and 20 in listening
US High School Diploma	Year 12 English Paper grade of B or higher
ACT	English section grade of 25
SAT	Evidence-based Reading and Writing section grade of 600

For a full list of the University's English language requirements, refer to [study.uwa.edu.au/elc](http://study.uwa.edu.au/elc). Results are valid for two years only. A higher level of English is required for some courses.

# Help with English language skills

## UWA Centre for English Language Teaching (UWA CELT)

UWA CELT offers accredited English Language Intensive Courses for Overseas Students (ELICOS) programs in General English and English for Academic Purposes, as well as preparation for IELTS as an internationally recognised examination.

## Academic English and Study Skills Bridging Course (Bridging Course)

The Bridging Course has been designed for international students who wish to study at UWA but who do not have the University's required level of English proficiency. The course is also suitable for students with unconditional entry into UWA who would like to further develop their language ability, study and research skills and confidence before commencing tertiary study.

A 70 per cent pass in the Bridging Course meets the University's English language requirement for most undergraduate and postgraduate courses, although some postgraduate courses have a higher English language requirement.

## Bridging Course minimum entry requirements

Requirements	20-week program	10-week program
IELTS	5.5 with no band score below 5.0	6.0 with no band score below 5.5 <sup>1</sup>
Internet-based TOEFL	58 with a minimum score of 18 in the writing section, 16 in the speaking section and 12 in the listening and reading sections	70 with a minimum score of 20 in the writing section, 19 in the speaking section, 17 in the listening section and 14 in the reading section
Cambridge First Certificate in English	Minimum score of 60 and borderline for each skill	Minimum score of 75 and good for each skill
Pearson Test of English (Academic)	Overall score of 49 with no individual score below 42	Overall score of 54 with no individual score below 54
UWA CELT General English	Upper-intermediate with a minimum of 70 per cent (no individual skill below 60 per cent)	Pre-advanced with a minimum of 69 per cent (no individual skill below 65 per cent)
UWA CELT English for Academic Purposes	Minimum of 65 per cent (no individual skill below 60 per cent)	Minimum of 69 per cent (no individual skill below 65 per cent)

<sup>1</sup> If entry requirements for tertiary courses are higher than 6.5 and nothing below 6.0, then entry into the 10-week Bridging Course will be no less than 0.5 lower for each individual band and for the overall score. Please refer to the UWA CELT website for further information: [www.celt.uwa.edu.au/courses/pathways](http://www.celt.uwa.edu.au/courses/pathways)

The University offers a choice of English language programs through the UWA Centre for English Language Teaching (UWA CELT) to prepare international students for tertiary academic study.

[www.celt.uwa.edu.au](http://www.celt.uwa.edu.au) | +61 8 6488 3539



# Academic entry requirements

To be eligible for entry into an undergraduate program at UWA, you will need to:

demonstrate academic performance through your school-leaving qualification or previous university study

achieve UWA's requirement for English language competence

satisfy the prerequisite subject(s) for your preferred major(s)

## Academic entry requirements

Degree	Bachelor of Arts	Bachelor of Biomedical Science	Bachelor of Commerce	Bachelor of Science	Bachelor of Philosophy (Honours)	Direct Pathway (Doctor of Medicine, Doctor of Dental Medicine)	Direct Pathway (Juris Doctor)	Direct Pathway (Master of Professional Engineering) <sup>16</sup>
UWA Course Code	BP001	BP006	BP002	BP004	BH005			
Australian Matriculation (ATAR) <sup>1</sup>	80	80	80	80	98	96	96	92
UWAFP	66	66	66	66	83	78	78	72
WAUFP	60	60	60	60	85	78	78	72
Trinity College Foundation <sup>2</sup>	75	75	75	75	90	88	88	85.5
UNSW Foundation Studies	7.0	7.0	7.0	7.0	9.3	8.8	8.8	7.8
International Baccalaureate Diploma (IB) <sup>3</sup>	27	27	27	27	39	36	36	33
GCE A Levels <sup>4</sup>	8	8	8	8	15	14	14	13
Singapore-Cambridge A Levels <sup>5</sup>	8	8	8	8	14.5	14	14	12.5
Malaysian STPM <sup>6</sup>	8	8	8	8	15	14	14	13
MUFY <sup>7</sup>	270	270	270	270	340	332	332	316
UEC Chinese Unified Examination <sup>8</sup>	12	12	12	12	5	5	5	7
Gao Kao (PR China NCEE)/750	525	525	525	525	675	645	645	585
Hong Kong Diploma of Secondary Education <sup>9</sup>	15	15	15	15	22	20	20	18
South Korea College Scholastic Ability Test (CSAT) <sup>10</sup>	330	330	330	330	366	358	358	348
Indonesian Sekolah Menengah Atas (SMA)	8.0	8.0	8.0	8.0	9.8	9.6	9.6	9.2
All India Senior School Certificate (Best 4) <sup>11</sup>	12	12	12	12	19	18	18	16.5
Indian Senior School Certificate (%) <sup>12</sup>	60	60	60	60	95	90	90	82
Norwegian Vitnemal	4	4	4	4	5.6	5.2	5.2	4.8
Swedish Slutbetyg	15	15	15	15	19	18	18	17
German Abitur	3.3	3.3	3.3	3.3	1.5	1.9	1.9	2.4
Canadian Matriculation (except Quebec) <sup>13</sup>	70	70	70	70	94	89	89	82
French Baccalaureat	12	12	12	12	15.5	15	15	13.5
South African Senior National Certificate <sup>14</sup>	4.6	4.6	4.6	4.6	6.8	6.5	6.5	6.0
SAT <sup>15</sup>	1150	1150	1150	1150	1440	1390	1390	1290

1 Includes WACE, SAM, HSC, VCE, Ausmat etc.  
2 Average of best four subjects.  
3 UWA applies a Mathematics bonus to the IB Diploma. Overall IB score required depends on the Maths subject level and score.  
4 For GCE A levels: A\*=7 pts, A=5 pts, B=4 pts, C=3 pts, D=1 pt, E=0 pts.  
5 The aggregate is calculated from a minimum of two (and no maximum) H2 Level subjects, and one content-based H1 subject. At H2 Level: A=5, B=4, C=3, D=2, E=1; and at H1 Level: A=2.5, B=2, C=1.5, D=1, E=0.5.

6 The aggregate is calculated according to the following grade points: A=5, A-=5, B+=4, B=3, B-=2, C+=2, C=1  
7 Aggregate is calculated from the best eight passed units and divided by two for the final score.  
8 Points are aggregated from the best four academic subjects: A1=1, A2=2, B3=3, B4=4, B5=5, B6=6.  
9 Aggregate of best four subjects, calculated on the basis that: 5\*=6, 5\*=5.5, 5=5, 4=4, 3=3, 2=0, 1=0 for Category A subjects or A\*=6, A=5, B=4, C=3, D=2, E=1 for Category C subjects.

10 The score is the sum of the scores of four Standard Scores in: Korean Language, Mathematics, plus the two best subjects from either Science or Social Studies.  
11 Awarded by the Central Board of Secondary Education. Overall grades in best four externally examined subjects: A1=5, A2=4.5, B1=3.5, B2=3, C1=2, C2=1.5, D1=1, D2=0.5. Different examination, graduation and subject requirements apply for each of the provinces.

Master of Architecture	Master of Landscape Architecture	Master of Translation Studies	Master of Pharmacy	Doctor of Podiatric Medicine	Master of Social Work	Master of Teaching (Early Childhood)	Master of Teaching (Primary)	Master of Teaching (Secondary)
92	92	90	94	94	92	92	92	92
72	72	70	75	75	72	72	72	72
72	72	70	74	74	72	72	72	72
85.5	85.5	84.5	86.5	86.5	85.5	85.5	85.5	85.5
7.8	7.8	7.6	8.0	8.0	7.8	7.8	7.8	7.8
33	33	31	34	34	33	33	33	33
13	13	12	14	14	13	13	13	13
12.5	12.5	12	13.5	13.5	12.5	12.5	12.5	12.5
13	13	12	14	14	13	13	13	13
316	316	308	324	324	316	316	316	316
7	7	8	6	6	7	7	7	7
585	585	570	615	615	585	585	585	585
18	18	17.5	19	19	18	18	18	18
348	348	344	353	353	348	348	348	348
9.2	9.2	9.0	9.4	9.4	9.2	9.2	9.2	9.2
16.5	16.5	16	17.5	17.5	16.5	16.5	16.5	16.5
82	82	79	87	87	82	82	82	82
4.8	4.8	4.6	5	5	4.8	4.8	4.8	4.8
17	17	16.5	17.5	17.5	17	17	17	17
2.4	2.4	2.6	2.2	2.2	2.4	2.4	2.4	2.4
82	82	80	85	85	82	82	82	82
13.5	13.5	13	14	14	13.5	13.5	13.5	13.5
6.0	6.0	5.8	6.3	6.3	6.0	6.0	6.0	6.0
1290	1290	1270	1360	1360	1290	1290	1290	1290

12 Grade average in best four subjects.  
13 Grade average of best five or six Provincially Examined or University/ College Preparation courses.  
14 Grade average of best six subjects in final year, excluding Life Orientation.  
15 Applicants must have passed the SAT in conjunction with a recognised high school qualification.

16 A direct pathway to the MPE will be offered to students choosing the Engineering Science major and who achieve the equivalent of an Australian Tertiary Admissions Rank (ATAR) of 92 or above; students who achieve the equivalent of an ATAR of 80 or above but below ATAR of 92 will be required to achieve an average of 60 per cent in their degree studies (Engineering Science major) in order to progress to the MPE.



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The information in this publication applies specifically to international students. Information in this publication is correct as of May 2019, but may be subject to change. In particular, the University reserves the right to change the content and/or the method of presentation and/or the method of assessment of any unit of study, to withdraw any unit of study or course which it offers, to impose limitations on enrolment in any unit or course and/or to vary arrangements for any course.





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