“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
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Study at an internationally recognised university

Ranked in the world’s top 100

1st in Western Australia
(QS World Ranking, 2018)

Well-established industry partnerships
5 stars for student demand, student/staff ratio and student retention (QS World Ranking, 2018)

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

180+ student exchange partner institutions
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. Check out our most Instagrammable spots at [bit.ly/insta-UWA](http://bit.ly/insta-UWA)

→ 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 our many food trucks located on campus.

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

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

albany.uwa.edu.au/courses
Get involved in UWA's vibrant student life.
UWA Student Guild

We have a vibrant student life with social activities on campus organised by the UWA Student Guild, the representative student organisation.

The UWA Student Guild has a reputation for being one of the most active in Australia and provides the following benefits for students:

- Extra support for academic, financial or welfare matters affecting study
- Discounts on campus, at shops, and for activities and services around Perth
- Countless events including festivals, workshops, end-of-semester parties, networking opportunities, and the Guild Ball (formal dance) – not to mention the Guild offers more than 180 clubs and societies for you to join.

uwastudentguild.com

Live at UWA

Enjoy the ultimate student experience and live only a few minutes away from campus. See pages 20-21 for more information.

accommodation.uwa.edu.au

The Guild Village

The Guild Village is a hive of activity and houses shops, food outlets, a medical centre, hairdresser, bank ATMs and other useful student amenities. A regular marketplace is held every week and 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. It also supports broader arts and cultural events that take place throughout the year, including collaborating with the Perth Festival.

culturalprecinct.uwa.edu.au

UWA Sport

Your university adventure starts here. Immerse yourself in the opportunities available to you through sport and make your time at university unforgettable. Become a Fitness Centre member and

- Get access to more than 60 group fitness classes a week, state-of-the-art equipment, multiple training zones, qualified instructors and free tickets to our popular masterclasses.
- Kickstart your day with a run on the treadmills, or take time out with a lunchtime yoga class.
- Practise your skills in squash, basketball, or tennis on one of our many courts.
- Up for some healthy competition? Join our interfaculty, intercollege or social competitions, or represent one of our 27 sport clubs.
- 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

Check out what our current students get up to

facebook.com/uwastudents  twitter.com/uwa_students  instagram.com/uwastudents  linkedin.com/uwastudents  blog.uwa.edu.au
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 will ensure you feel inspired to pursue your personal interests and career goals while studying.
Indian Ocean Marine Research Centre (IOMRC)

The IOMRC is the largest marine research capability in the Indian Ocean Rim, a multimillion-dollar facility enabling Australia to expand international research.

J Robin Warren Library

Named after Emeritus Professor (John) Robin Warren AC, co-recipient of the Nobel Prize for Medicine in 2005 along with Professor Barry J Marshall, this technology-rich facility offers students, researchers, alumni and the community a space to collaborate, expand their knowledge and enhance research and teaching excellence in Western Australia.

IQX

IQX is an innovation and co-working space that will supercharge businesses via collaboration with UWA researchers, students and entrepreneurs. Special access is offered to UWA graduates and alumni-owned enterprises.

Oral Health Centre of WA (OHCWA)

OHCWA is a high-tech teaching and learning facility for dental students. Its working dental clinic is open to eligible members of the community, so students get the opportunity to treat patients in a supervised clinical setting.

Reid Library

Reid Library was UWA’s first purpose-built library and is still the largest of UWA’s six libraries. Located at the heart of the Perth campus, it has more than 2,000 study spaces, including outdoors on the terrace and balcony. With a cafe, bookable group-study booths, support for learning, research and student IT, a 3D-print lab and thousands of visitors each day, Reid is truly a campus hub.

Rosemarie Nathanson Financial Markets Trading Room

Australia’s largest university trading room provides access to more than 400 global markets. With 50 financial terminals and 160 monitors it covers more than 35 million financial instruments from stocks, bonds, currencies, commodities and derivatives to demonstrate and explore how they interact and affect prices. The Trading Room was named Education Project of the Year at the 2018 international AV Awards in London, which reward excellence across the audiovisual industry. It was one of more than 700 competing projects from 82 countries.

Barry J Marshall Library

Named after the University’s Nobel Prize-winning professor, this hub for science, engineering, maths and computing students and researchers has soundproofed study rooms, multimedia suites, more than 1,000 seats and a cafe.

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)

Australia’s premier medical and surgical skills training centre is one of the world’s most advanced medical technology complexes. Medical professionals and students learn from cutting-edge simulations in a hospital-style setting.

Coming soon
EZONE UWA STUDENT HUB

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 field of engineering and mathematical sciences. It 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. EZONE UWA Student Hub is expected to be in use from semester one, 2020.

School of Indigenous Studies

A new purpose-built facility for students and staff is in the works for the School of Indigenous Studies. The School was first established on campus in 1988 as the Centre for Aboriginal Programs, but increased enrolments over the past decade have caused it to outgrow its current space in Shenton House. The new building is planned for the southern precinct of the UWA Perth campus, overlooking Matilda Bay. Once complete, it will assist the School to achieve its aim of excellence and equity in all aspects of higher education for Aboriginal and Torres Strait Islander people.
Do you love to travel? As a UWA student you have the opportunity to discover new cities and experience other cultures with the UWA Student Exchange Program.

study.uwa.edu.au/global

Financial assistance
If you’re interested in our exchange program, you could be eligible to receive a UWA Overseas Study Grant to help with the cost. Commonwealth-supported students can apply for an OS-HELP Loan of up to $7,998 to help with costs while you’re away.

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

We offer more than 180 student-exchange partner universities

Gain credit towards your degree while you study
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.”

UK and Ireland Partner Universities

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

Bader International Study Centre (Queen’s University)
Cardiff University
Durham University
Kingston University London
Loughborough University
Manchester Business School
Queen Mary University of London
Royal Holloway University of London
University College London
University of Aberdeen
University of Bath
University of Bristol
University of Essex
University of Exeter
University of Glasgow
University of Leeds
University of Liverpool
University of Manchester
University of Nottingham
University of Sheffield
University of Southampton
University of Sussex
University of York

IRELAND

University College Dublin

Asia-Pacific Partner Universities

CHINA, PEOPLE’S REPUBLIC OF
Beijing Language and Culture University
China University of Mining and Technology
Fudan University
Harbin Institute of Technology
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
Hong Kong 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
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
“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 de Montréal
University of Ottawa
University of Toronto
University of Waterloo
Western University

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Universidad de Montevideo

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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

Taking you global

North and South America

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

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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**

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<th>Country</th>
<th>University Name</th>
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<td><strong>AUSTRIA</strong></td>
<td>University of Vienna</td>
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<td>Vienna University of Economics and Business Administration</td>
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<td>University of Zurich</td>
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| **Middle East Partner Universities**  
| **ISRAEL** | Tel Aviv University                                  |
|             | The Hebrew University of Jerusalem                   |

*All partner universities as of 2018.*
Interpersonal communication skills
These are the skills you demonstrate when communicating and interacting with other people. When employers are hiring, these skills are one of the top criteria used to evaluate candidates.

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

Logical and technical skills
Your ability to think critically and analyse and solve problems are your logical skills. Technical skills are the ability 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
Teamwork skills are the skills you bring to a team. This includes 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.

Kickstart your career

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, 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 it’s 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.

unimentor.uwa.edu.au

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.

Use available resources

CareerHub
Here you can find employment and volunteering opportunities, networking and skills-development events, industry-aligned competitions and resources to assist you with your career journey.

Preparing you for work
The Careers Centre offers a range of employability workshops, resources and online career tools including the Big Interview. The Big Interview is designed for you to learn and practise your interview skills whether you’re interviewing for a casual job or graduate position.

Social media networking
Improve your employability by using 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.

Meet employers

Careers Fair
Beyond our regular employer recruitment seminars, the Careers Fair provides an opportunity to find roles in a workplace, and develop both your technical and soft skills, helping you understand the importance of workplace culture and dynamics.

Career days
These student events give you access to industry professionals and alumni, helping you develop a network of professional contacts and stand out from the crowd. You’ll gain an understanding of various industries while participating in structured activities.

Helpful links

careers.uwa.edu.au

careers.uwa.edu.au/wil

goodeducation.com.au

graduateopportunities.com

myfuture.edu.au
Connecting you to the community and industry

At UWA, you’ll gain industry experience before you graduate.

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.

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.

Our partnerships enable you to take part in a number of activities including:

**Placements for credit**

For-credit placements or practicums may be available as part of your degree. These opportunities enable you to gain valuable experience in your chosen field of study, to practise your work and discipline skills, and to develop your professional network. Contact your advising office to find out more.

**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

**A community of entrepreneurs**

Bloom provides support for young entrepreneurs through mentorship, skill-focused events and providing an open working space for entrepreneurs to flourish. UWA is proud to be a Gold Member of Bloom.

bloom.org.au

**McCusker Centre for Citizenship Internship Program**

The McCusker Centre for Citizenship provides students with the opportunity to make a difference in their communities while also gaining academic credit. This award-winning internship program offers structured, quality internships locally, regionally, nationally and globally to all UWA students.

The Centre is partnered with more than 250 community, not-for-profit government and business organisations. Students are matched to these host organisations based on the quality of their application and internship opportunities available for semester one, summer, semester two and winter. Undergraduate and postgraduate students are welcome to apply.

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

**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

**Work placements for professional accreditation**

These professional practicums enable you to apply theory in practice and develop competencies which will assist in your future career. Successful completion of these practicums is required in order for you to graduate.
“Opportunities like this are so unique, giving you a powerful insight into the lives of disadvantaged communities and a platform to make a profound impact in the community. It’s a truly memorable experience.”

Shaneli Dias  
Bachelor of Commerce  
(Finance, and Law and Society)  
Intern with the Western Australian Council of Social Service through  
The McCusker Centre for Citizenship
“What I love most about living on campus is how quickly you make friends and how quickly these friends become family. Everyone at college has been so welcoming to others and someone is always around to help or isn’t afraid to say hello as you are walking past.”

Travis Jennings, Esperance, Western Australia
University Hall resident
Make the most of your time at UWA and enjoy a world-class living and learning environment.

Not only will you have the convenience of living only a few minutes away from campus but you’ll be welcomed into a supportive community with a vibrant social and academic culture.

UWA has five residential colleges located in a row directly opposite the University’s main campus:

- University Hall
- St Catherine’s College
- St George’s College
- St Thomas More College
- Trinity Residential College

As well as your own secure, fully furnished room, all college residents have access to dedicated academic support programs; a full calendar of sporting, cultural and social events; leadership opportunities; and fantastic communal facilities in a warm and welcoming home away from home.

Best of all, you’ll develop friendships and networks that span the globe and last a lifetime, providing a huge benefit to your personal growth and future career prospects.

Apply to live at a UWA residential college through our online application portal at [livingoncampus.uwa.edu.au](http://livingoncampus.uwa.edu.au)
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 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.
Study pathway
Choose your degree

Select your core units and additional units

Choose one or two majors

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

Arts  Biomedical  Commerce  Science  Philosophy

Choose your degree

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

Global career

Arts  Biomedical  Commerce  Science  Philosophy

Undergraduate

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

Study pathway
Choose your degree

Select your core units and additional units

Choose one or two majors

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Postgraduate

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

Global career

Arts  Biomedical  Commerce  Science  Philosophy
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** 92.00 ATAR
- **Juris Doctor (Law)** 96.00 ATAR
- **Dental Medicine** 99.00 ATAR, 96.00 ATAR (Broadway/Rural)
- **Medicine** 99.00 ATAR, 96.00 ATAR (Broadway/Rural)
- **Pharmacy** 94.00 ATAR
- **Podiatry** 94.00 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 UCAT/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 and apply through TISC using its unique code.

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 at the end of the last year of your bachelor’s degree.

A Direct Pathway example (Medicine)

\[
\begin{align*}
\text{ATAR} & \quad 99 \quad \Rightarrow \\
\text{3 YEARS} & \quad \text{Undergraduate} \quad + \\
\text{3 YEARS} & \quad \text{Postgraduate} \\
\text{Bachelor’s degree} & \quad \text{Doctor of Medicine}
\end{align*}
\]

A Graduate pathway example (Medicine)

\[
\begin{align*}
\text{ATAR} & \quad 80 \quad \Rightarrow \\
\text{3 YEARS} & \quad \text{Undergraduate} \quad + \\
\text{4 YEARS} & \quad \text{Postgraduate} \\
\text{Bachelor’s degree} & \quad \text{Doctor of Medicine}
\end{align*}
\]

1 Students need to maintain a grade point average of 5.5 during their undergraduate degree.
2 Three years if student has successfully completed the Medical Sciences major as part of a Direct Pathway to this course, otherwise four years.
3 Sit GAMSAT and apply for Doctor of Medicine.
BACHELOR OF ARTS

RANKED IN THE WORLD’S TOP 100 UNIVERSITIES ¹

ABOVE THE NATIONAL AVERAGE FOR LEARNER ENGAGEMENT ²

HIGHEST STARTING SALARIES FOR ARTS GRADUATES IN WESTERN AUSTRALIA ³

¹ QS World Rankings, 2019.
² For: Humanities, Culture & Social Sciences, Student Experience Survey 2016 and 2017, QILT.
³ University Rankings, 2018.
**ATAR**

80*

*75 ATAR for Broadway UWA, see page 72 for more information.

**YEARS**

3

FULL TIME

**INTAKE**

FEBRUARY AND JULY
“The Law and Society major offers an insight into what law is all about. The units are engaging and interesting, and the tutors and lecturers give first-hand experience into the legal profession.”

Marwat Sallehi
Anthropology and Sociology

study.uwa.edu.au/anthropology

Minimum ATAR score: 80
Course structure information: see page 86
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 inter-connected 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

This major lays the foundation for careers in the public service, with non-government organisations (working with migrants, Indigenous peoples, young people, environmental groups and so on), in social welfare, community development locally and internationally, and the broader health field. Graduates may proceed to specialised training in professions such as law, psychology, education, strategic communication, social research and public policy.

Archaeology

study.uwa.edu.au/archaeology

Minimum ATAR score: 80
Course structure information: see page 86
Prerequisite subjects: none
Recommended subjects: none

Archaeology is the only discipline to study more than 3 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.

Architecture

study.uwa.edu.au/architecture

Minimum ATAR score: 80
Course structure information: see page 86
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 Architecture co-requisite majors prepare you for postgraduate studies by introducing you to a range of technologies and production methods in a manner that encourages 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

The two co-requisite majors in Architecture provide a range of employment opportunities, including architecture (with further study), urban design (with further study), architectural drafting, architectural education/academia (with further study) 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.

Interested in becoming an architect?

Set your career path in motion with an Architecture Direct Pathway. See page 25.
Asian Studies

study.uwa.edu.au/asian-studies

Minimum ATAR score: 80
Course structure information: see page 86
Prerequisite subjects: none
Recommended subjects: none

What does modern Asia look like? 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 that 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. The Asian Studies 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.

Chinese Studies

study.uwa.edu.au/chinese

Minimum ATAR score: 80
Course structure information: see page 87
Prerequisite subjects: none
Recommended subjects: none

More than one billion people speak Chinese (Mandarin), making it the world's most spoken language.

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 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.

Classics and Ancient History

study.uwa.edu.au/classics

Minimum ATAR score: 80
Course structure information: see page 88
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.

Interested in becoming a Chinese (Mandarin) translator?
Set your career path in motion with a Translation Studies Direct Pathway. See page 25.
Communication and Media Studies

study.uwa.edu.au/media-studies

Minimum ATAR score: 80
Course structure information: see page 88
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.

English and Literary Studies

study.uwa.edu.au/english

Minimum ATAR score: 80
Course structure information: see page 90
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, English and Literary Studies offers a wide range of units to build your major.

Our units look 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 of the major 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

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

Fine Arts

study.uwa.edu.au/fine-arts

Minimum ATAR score: 80
Course structure information: see page 91
Prerequisite subjects: none
Recommended subjects: none

The Fine Arts major is based upon exploring ideas and forming concepts within the unique imaginative field of making art. It presents a variety of choices for you to develop your creative skills across a range of media and capacity to apply critical thinking to studio exploration. Through a series of studio-based explorations you’ll develop your ideas into art. Units, methods and approaches to art-making form a major that is based on critical thinking. The Fine Arts major can be undertaken as a degree-specific or second major. The first two years of study encourage you to develop multiple skills from a variety of methods before completing your study in the final-year core units. The Level 3 core units provide you with opportunities for self-initiated research projects. Here you will consolidate your knowledge and turn your ideas into developmental concepts unique to the framework of creative art.

Career opportunities

Fine Arts graduates are employed in influential positions within Australia and internationally in a plethora of professions as entrepreneurial artists, curators, designers, filmmakers, musicians, academics, writers, journalists, editors, publicists, within areas of gallery management, arts administration, cultural festival coordination, corporate public relations, marketing, communications, management, public service investigation and policy research.
French Studies

Open up the world with French and enhance your career opportunities. French is one of the world’s major international languages, spoken by more than 200 million people in 43 countries.

Beyond achieving high levels of competency in speaking, writing, listening to and reading French, you will also learn about French culture in France and other French-speaking countries around the world. This 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 training, 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.

German Studies

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.

History

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.

Interested in becoming a teacher?
Set your career path in motion with a Teaching Direct Pathway. See page 25.
History of Art

study.uwa.edu.au/art-history

Minimum ATAR score: 80
Course structure information: see page 93
Prerequisite subjects: none
Recommended subjects: none

Discover ideas and practices that challenge your preconceptions of the history of art in exciting and surprising ways with the History of Art major.

Understanding the history of art enables students to explore in detail the ongoing significance of art as a platform for shaping and interpreting the world in which we live. Study historical and contemporary art across a range of visual forms from famous art works to caricatures, from shop-window displays to exhibition designs, from films to photography and from advertising campaigns to maps. Gain knowledge and skills to secure employment in art galleries and museums, community and public art programs and with auction houses and major collections. You’ll graduate with a comprehensive understanding of art and the specific communication skills required to engage in artistic dialogue.

Career opportunities

Graduates with a History of Art major are well equipped to enter a range of careers. Many graduates have gone 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.

Human Geography and Planning

study.uwa.edu.au/human-geom-planning

Minimum ATAR score: 80
Course structure information: see page 93
Prerequisite subjects: none
Recommended subjects: 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.

Indigenous Knowledge, History and Heritage

study.uwa.edu.au/indigenous-knowledge

Minimum ATAR score: 80
Course structure information: see page 93
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 as well as critically analyse Western disciplinary constructs around Indigenous knowledges and peoples. The multidisciplinary program offers the opportunity to learn about the history, culture and philosophy of Indigenous peoples in Australia. Taught in an interactive manner you will engage with Indigenous people, elders in the community and guest speakers.

Career opportunities

The broad skills base and adaptable approach of graduates from 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.

Interested in becoming a French or German translator?

Set your career path in motion with a Translation Studies Direct Pathway. See page 25.
Indonesian Studies

study.uwa.edu.au/indonesian

Minimum ATAR score: 80
Course structure information: see page 94
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 makes 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.

Italian Studies

study.uwa.edu.au/italian

Minimum ATAR score: 80
Course structure information: see page 94
Prerequisite subjects: none
Recommended subjects: none

Studying Italian language and culture opens up the fascinating world of contemporary Italy, its rich cultural heritage, and 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 areas that involve interpersonal and communication skills, especially when dealing with people from a range of cultural backgrounds: travel, hospitality, publishing, theatre, commerce, international relations, the diplomatic services, teaching and interpreting and translating. Graduates also find jobs in international banking, journalism and communications, medical areas, music and the arts.

Japanese Studies

study.uwa.edu.au/japanese

Minimum ATAR score: 80
Course structure information: see page 94
Prerequisite subjects: none
Recommended subjects: 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. Studying Japanese at UWA allows students to develop reading, writing, speaking and listening skills, while exploring contemporary Japanese society and culture. The Japanese major caters for beginners, as well as students with WACE/Year 12 level or equivalent.

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.

Interested in becoming an Italian translator?

Set your career path in motion with a Translation Studies Direct Pathway. See page 25.
Korean Studies
study.uwa.edu.au/korean
Minimum ATAR score: 80
Course structure information: see page 95
Prerequisite subjects: none
Recommended subjects: 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.

Landscape Architecture
study.uwa.edu.au/landscape-architecture
Minimum ATAR score: 80
Course structure information: see page 95
Prerequisite subjects: none
Recommended subjects: 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 which 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 wide range of employment options including working as a landscape architect, environmental consultant, urban designer, landscape architectural draftsperson, 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.

Interested in becoming a landscape architect?
Set your career path in motion with a Landscape Architecture Direct Pathway. See page 25.

Law and Society
study.uwa.edu.au/law-society
Minimum ATAR score: 80
Course structure information: see page 95
Prerequisite subjects: none
Recommended subjects: none

From human rights, decisions about birth and death, and crime and justice, to Indigenous rights, freedom of expression and religion, the Law and Society major explores the impact of legal and social policy on all areas of our lives. 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.

Interested in becoming a lawyer?
Set your career path in motion with a Law Direct Pathway. See page 25.
Linguistics

study.uwa.edu.au/linguistics

Minimum ATAR score: 80
Course structure information: see page 95
Prerequisite subjects: none
Recommended subjects: 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.

Music: Electronic Music and Sound Design

study.uwa.edu.au/electronic-music

Minimum ATAR score: 80
Course structure information: see page 97
Prerequisite subjects: audition to demonstrate a musical background equivalent to Music ATAR
Recommended subjects: 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

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 skills gained in music as well as their other area of study to pursue employment in any number of areas.

Music General Studies

study.uwa.edu.au/music-general

Minimum ATAR score: 80
Course structure information: see page 97
Prerequisite subjects: audition to demonstrate a musical background equivalent to Music ATAR
Recommended subjects: 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 is designed for students who are keen to develop their passion and skills in performance or composition, and can be studied as a second major combined with most of our other majors. 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.
Music Specialist Studies

study.uwa.edu.au/specialist-music

Minimum ATAR score: 80
Course structure information: see page 97
Prerequisite subjects: audition to demonstrate a musical background equivalent to MusicATAR
Recommended subjects: none

Whether you love performing or composing, Music Specialist Studies equips you 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.

Music Studies

study.uwa.edu.au/music

Minimum ATAR score: 80
Course structure information: see page 97
Prerequisite subjects: audition to demonstrate a musical background equivalent to MusicATAR
Recommended subjects: none

Through Music Studies you have the opportunity to innovate, create, and expand your knowledge through performance, composition or musicology. 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 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.

Philosophy

study.uwa.edu.au/philosophy

Minimum ATAR score: 80
Course structure information: see page 98
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, the public service and the not-for-profit sector, Philosophy graduates can be found in challenging areas such as strategic planning, where their conceptual and analytic skills and the ability to interpret 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.
Philosophy, Politics and Economics (double major)

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

Minimum ATAR score: 80
Course structure information: see page 98
Prerequisite subjects: Mathematics
Recommended subjects: Mathematics
Methods ATAR

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 following areas: 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 within private sector agencies that deal with government (e.g. Chamber of Commerce and Industry).

Political Science and International Relations

study.uwa.edu.au/political-science

Minimum ATAR score: 80
Course structure information: see page 99
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.

Psychology (double major)

study.uwa.edu.au/psychology

Minimum ATAR score: 80
Course structure information: see page 99
Prerequisite subjects: Mathematics
Applications ATAR or mathematics unit may be required as part of your degree
Recommended subjects: none

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.

This major is available via the Bachelor of Arts, Bachelor of Science or Bachelor of Philosophy (Honours)

The 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.

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. The Psychology double major can also lead to further study and professional qualifications in psychology. An accredited four-year degree is required by the Psychology Board of Australia for provisional registration as a psychologist. For specialist training, a professional postgraduate qualification must be completed.
Psychology in Society

study.uwa.edu.au/psychology-in-society

Minimum ATAR score: 80
Course structure information: see page 99
Prerequisite subjects: none
Recommended subjects: none

How do groups communicate? Can panic be controlled? How do attitudes to alcohol consumption develop? 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. As part of the Psychology double major, it can lead to professional training in 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. When completed as part of the Psychology double major, this course can lead to further study and professional qualifications in psychology. A fourth year of honours is required by the Psychologists Board of Australia for provisional registration as a psychologist.

Spanish Studies

study.uwa.edu.au/spanish

Minimum ATAR score: 80
Course structure information: see page 100
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.

Work and Employment Relations

study.uwa.edu.au/employment-relations

Minimum ATAR score: 80
Course structure information: see page 100
Prerequisite subjects: none
Recommended subjects: none

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.
BACHELOR OF BIOMEDICAL SCIENCE

58th IN THE WORLD FOR LIFE SCIENCES AND MEDICINE

$ INVESTMENT IN ULTRA-MODERN MEDICAL TEACHING AND LEARNING FACILITY

$52k MEDIAN GRADUATE STARTING SALARY FOR THE BACHELOR OF BIOMEDICAL SCIENCE DEGREE

1 QS, 2018.
2 Graduate Outcomes Survey, 2017. Expected salary may be higher on completion of postgraduate studies.
Bachelor of Biomedical Science

2020 Course Guide

INTAKE
FEBRUARY AND JULY

3 YEARS FULL TIME

ATAR 80*

*75 ATAR for Broadway UWA, see page 72 for more information.
**Not including Medical Science major.
“I find joy in knowing I am dedicating my life’s work to not only closing the health gap but helping future generations of Aboriginal people live healthier lives.”

Onike Williams
Aboriginal Health and Wellbeing

study.uwa.edu.au/aboriginal-health

Minimum ATAR score: 80
Course structure information: see page 85
Prerequisite subjects: Mathematics Applications ATAR or a Mathematics unit may be required as part of your degree
Recommended subjects: Mathematics Methods ATAR

Understanding the origins and strategies for more equitable health and wellbeing for Aboriginal communities is a leading health issue in Australia.

Through the Aboriginal Health and Wellbeing 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 choose to pursue studies at honours or postgraduate level.

Anatomy and Human Biology

study.uwa.edu.au/anatomy

Minimum ATAR score: 80
Course structure information: see page 85
Prerequisite subjects: Mathematics Applications ATAR or a Mathematics unit may be required as part of your degree
Recommended subjects: Mathematics Methods ATAR

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 offered 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 all of these from the molecular to the population level and beyond.

Career opportunities

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

Biochemistry and Molecular Biology

study.uwa.edu.au/biochemistry

Minimum ATAR score: 80
Course structure information: see page 86
Prerequisite subjects: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended subjects: Mathematics Methods ATAR

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 a range of areas including 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.
Exercise and Health

study.uwa.edu.au/exercise-health

Minimum ATAR score: 80
Course structure information: see page 90
Prerequisite subjects: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended subjects: Mathematics Applications 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 professions of 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, rehabilitation, physiotherapy, occupational therapy, recreation management, health promotion or work health and safety.

Genetics

study.uwa.edu.au/genetics

Minimum ATAR score: 80
Course structure information: see page 91
Prerequisite subjects: Mathematics Applications ATAR or a Mathematics unit may be required as part of your degree
Recommended subjects: Mathematics Methods ATAR and Chemistry ATAR

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 physician who has specialised training in genetics; a genetic counsellor; a plant or animal breeder; an ecologist; or can work in pharmacology and various other specialties.

Humanities in Health and Medicine

study.uwa.edu.au/health-humanities

Minimum ATAR score: 80
Course structure information: see page 93
Prerequisite subjects: none
Recommended subjects: none

Humanities in Health and Medicine is an interdisciplinary, humanistic and cultural study of health, illness, health care, and the human body, mind and spirit. To be effective in any field of healthcare, professionals must learn about more than diseases and the workings of the body from a scientific perspective. They must also appreciate the art and science of caring for people, and understand how people and societies function. A professional wishing to work in the broad field of health is assisted by interpretive ability and insight, applies ethical sensitivity, and has an awareness of their own values and attitudes.

This major is a great way for you to balance your study of the sciences with the humanities. Its units will broaden your understanding of the many disciplines within the humanities, and allow you to appreciate different models of health and healthcare, such as spiritual, cultural and Aboriginal health. Students will be immersed in narrative medicine and literature – fiction and non-fiction – to explore the application of the arts and music to health and wellbeing, and develop their own creativity, communication and empathy skills.

Career opportunities

A major in medical humanities is intended primarily for undergraduate students who are planning careers in healthcare, including health education, public health, community health or healthcare administration. The Humanities in Health and Medicine major provides a solid foundation for further postgraduate study in the health professions.
Medical Sciences

study.uwa.edu.au/medical-sciences

Minimum ATAR score: 94

Course structure information: see page 96

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

Recommended subjects: Mathematics Methods ATAR

Note: quota restrictions apply for this course

Medical Sciences integrates knowledge of how the human body functions, how it reacts to disease and pharmacological treatment for disease, with the skills needed to enter a range of clinical and academic health professions.

Developed with leading clinical practitioners and educators, this major equips students with a strong and thorough knowledge base from a range of essential disciplines including anatomy, biochemistry, microbiology, pathology, genetics, pharmacology, population health and physiology. Through the integration of theory and practical laboratory experiments, you’ll develop critical skills and knowledge across pre-clinical scientific disciplines. You’ll also be introduced to key concepts and methods used in clinical epidemiology, research study design and statistical reasoning.

Career opportunities

Students who successfully complete the major may be granted admission credit of 48 points (1 year) towards UWA’s Doctor of Medicine, Doctor of Dental Medicine or Doctor of Podiatric Medicine. Medical Sciences graduates will have careers that span research, education, health administration and policy, and clinical practice.

Microbiology and Immunology

study.uwa.edu.au/microbiology

Minimum ATAR score: 80

Course structure information: see page 96

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

Recommended subjects: Mathematics Methods ATAR and Chemistry ATAR

Note: quota restrictions apply for this course

Microbiology is the study of microbes and organisms too small to be seen without a microscope 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 a wide range of areas. These include 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.

Neuroscience

study.uwa.edu.au/neuroscience

Minimum ATAR score: 80

Course structure information: see page 97

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

Recommended subjects: Mathematics Methods ATAR and Chemistry ATAR

Note: quota restrictions apply for this course

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

Career opportunities for graduates are in a diverse, multidisciplinary science and graduates will be well suited to a range of employment destinations, including research and clinical laboratories, government agencies and science communication.
Pathology and Laboratory Medicine

study.uwa.edu.au/pathology

Minimum ATAR score: 80
Course structure information: see page 98
Prerequisite subjects: Mathematics Applications ATAR or a Mathematics unit may be required as part of your degree, and Chemistry ATAR or a Chemistry unit may be required as part of your degree
Recommended subjects: Mathematics Methods 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

After completing this major, you have numerous professional pathways on offer including employment in a range of allied and paramedical fields, university and hospital laboratory research, the healthcare or pharmaceutical industry, and diagnostic laboratories.

Pharmacology

study.uwa.edu.au/pharmacology

Minimum ATAR score: 80
Course structure information: see page 98
Prerequisite subjects: Mathematics Application ATAR or a Mathematics unit may be required as part of your degree
Recommended subjects: Mathematics Methods 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 a number of pathways including 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.

Physiology

study.uwa.edu.au/physiology

Minimum ATAR score: 80
Course structure information: see page 98
Prerequisite subjects: Mathematics Application ATAR or a Mathematics unit may be required as part of your degree
Recommended subjects: Mathematics Methods ATAR and Chemistry ATAR

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. Physiology graduates are well prepared for a range of professional careers requiring postgraduate study, such as medicine, pharmacy and clinical audiology. Opportunities exist for employment as scientists in commercial organisations or in sales associated with these types of organisations 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.
Population Health

study.uwa.edu.au/population-health

Minimum ATAR score: 80
Course structure information: see page 99
Prerequisite subjects: Mathematics Applications ATAR or a Mathematics unit may be required as part of your degree
Recommended subjects: none

Studying Population Health allows you to examine patterns of health and disease in society, 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 career opportunities to choose from and are well placed to apply for graduate development programs offered 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.

Science Communication

study.uwa.edu.au/science-comm

Minimum ATAR score: 80
Course structure information: see page 100
Prerequisite subjects: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended subjects: Mathematics Applications 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

If you are creative, love science and want to work with people, Science Communication is an ideal major for you. Science communicators work to 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. You’ll develop 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.
BACHELOR OF COMMERCE

1 RANKED IN THE WORLD’S TOP 100 UNIVERSITIES
2 1ST IN WA FOR ACCOUNTING & FINANCE
3 WA’S TOP RANKED UNIVERSITY FOR BUSINESS AND ECONOMICS

1 QS World University Rankings by Subject, 2018.
2 QS World University Rankings by Subject, 2018.
Bachelor of Commerce

2020 Course Guide

3 YEARS
FULL TIME

INTAKE
FEBRUARY
AND JULY

ATAR
80*

*75 ATAR for Broadway UWA, see page 72 for more information.

The University of Western Australia | study.uwa.edu.au
“UWA provides outstanding opportunities to network through the many clubs it offers. It also continuously gives students a chance to gain practical experience in their chosen field of study through internships.”

Danika Biswas
Accounting

study.uwa.edu.au/accounting

Minimum ATAR score: 80
Course structure information: see page 85
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 – big and small – all government agencies and departments, and all not-for-profit institutions around the globe. Accounting is essential for monitoring and guiding business operations to enable 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 for 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 (Chartered Accountants Australia and New Zealand, CPA Australia and the Institute of Public Accountants) and our graduates are highly sought after by employers.

Career opportunities

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

Business Law

study.uwa.edu.au/business-law

Minimum ATAR score: 80
Course structure information: see page 87
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.

Economics

study.uwa.edu.au/economics

Minimum ATAR score: 80
Course structure information: see page 89
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 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 at institutions such as the International Monetary Fund.
Finance

study.uwa.edu.au/finance

Minimum ATAR score: 80
Course structure information: see page 91
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. Managers need to make financial decisions, determine where companies get their financing from and investors need to decide where they should invest, what are the risks and rewards associated with differing financial choices.

You’ll 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.

Human Resource Management

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

Minimum ATAR score: 80
Course structure information: see page 93
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 all 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.

Management

study.uwa.edu.au/management

Minimum ATAR score: 80
Course structure information: see page 95
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. This major provides you with the managerial skills needed to pursue a variety of managerial and leadership roles in industry, commerce and the public sector.
Marketing

study.uwa.edu.au/marketing

Minimum ATAR score: 80
Course structure information: see page 96
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? Discover the real world of marketing that lies behind advertising jingles.

Studying Marketing provides the skills 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.

Professional Economics (double major)

study.uwa.edu.au/professional-economics

Minimum ATAR score: 80
Course structure information: see page 89
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 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, the Australian Reserve Bank, as well as in economic consultancies and major companies.
BACHELOR OF SCIENCE

RANKED IN THE WORLD’S TOP 30¹ ²

93% POSITIVE GRADUATE OUTCOMES³

$56k MEDIAN GRADUATE STARTING SALARY FOR THE BACHELOR OF SCIENCE DEGREE⁴

¹ For Anatomy and Physiology, Sports-related subjects (QS World University Rankings by Subject, 2018).
² For Agricultural Sciences and Environmental Science and Engineering (Academic Ranking of World Universities 2018).
⁴ Graduate Outcomes Survey, 2017. Expected salary may be higher on completion of postgraduate studies.
Bachelor of Science

2020 Course Guide

3 YEARS
FULL TIME

FEBRUARY
AND JULY

ATAR
80*

*75 ATAR for Broadway UWA, see page 72 for more information.
“UWA has enriched my learning by providing me with the opportunity to design a project to aid people in Vanuatu through my Engineering Science major. I have also taken up Neuroscience units which I hope will further develop my skills in the bioengineering field.”

Lucy Anderson
Agricultural Science

study.uwa.edu.au/agriculture

Minimum ATAR score: 80
Course structure information: see page 85
Prerequisite subjects: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended subjects: Mathematics Methods 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, soil-plant interactions, plant nutrition, integrated pest management, livestock production, scientific modelling, agricultural economics and agribusiness and other topics. You’ll also complete overnight field trips.1

1 Cost of food and accommodation to be borne by the student. For more information visit teachingandlearning.uwa.edu.au/students/fees

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.

Anatomy and Human Biology

study.uwa.edu.au/anatomy

Minimum ATAR score: 80
Course structure information: see page 85
Prerequisite subjects: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended subjects: Mathematics Methods ATAR

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 offered 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 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.

Biochemistry and Molecular Biology

study.uwa.edu.au/biochemistry

Minimum ATAR score: 80
Course structure information: see page 86
Prerequisite subjects: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended subjects: Mathematics Methods ATAR

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 a range of areas including 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.
Botany

study.uwa.edu.au/botany

**Minimum ATAR score:** 80

**Course structure information:** see page 87

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

**Recommended subjects:** Mathematics Methods ATAR

Botany is the scientific study of plants – from their structure and function, to their indispensable roles 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.

Chemistry

study.uwa.edu.au/chemistry

**Minimum ATAR score:** 80

**Course structure information:** see page 87

**Prerequisite subjects:** Mathematics Methods ATAR or Mathematics Applications ATAR with two additional Mathematics units taken in the first year, and Chemistry ATAR or an additional Chemistry unit taken in the first year

**Recommended subjects:** Mathematics Specialist ATAR and 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**

Destinations for graduates include large software development houses such as Google, Microsoft and Thales, as well as 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.
Conservation Biology

study.uwa.edu.au/conservation

Minimum ATAR score: 80
Course structure information: see page 88
Prerequisite subjects: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended subjects: Mathematics Methods ATAR

Human activity and population growth are increasing the pressure on natural ecosystems and many biologists believe we are currently experiencing the sixth global mass extinction. Conservation biologists work to prevent the extinction of the world’s 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 help mitigate this trend by actively participating in the management and research of threatened species and communities, then Conservation Biology is the major for you.

Career opportunities

Conservation Biology graduates are employed by government agencies (Department of Parks and Wildlife, CSIRO), botanic gardens and zoos, conservation-related organisations, universities and a variety of other sectors such as mining, local government, private companies, community and natural resource management groups.

Data Science

study.uwa.edu.au/data-science

Minimum ATAR score: 80
Course structure information: see page 88
Prerequisite subjects: Mathematics Applications ATAR
Recommended subjects: Mathematics Methods ATAR

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 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.

Interested in becoming an engineer?

Set your career path in motion with an Engineering Direct Pathway. See page 25.

Engineering Science

study.uwa.edu.au/engineering-science

Minimum ATAR score: 80
Course structure information: see page 89
Prerequisite subjects: Mathematics Methods ATAR with additional specified units taken in the first year depending on the number of missing subjects
Recommended subjects: Mathematics Specialist ATAR and Mathematics Methods ATAR and Chemistry ATAR and Physics ATAR

Engineering is the creative application of science and mathematics to solve complex problems. At UWA, you’ll be supported to become an independent graduate engineer who is empowered to change the world and seek solutions to humanity’s greatest challenges.

The Engineering Science major is your pathway to the Master of Professional Engineering and a global career as a professional engineer. Be inspired with fundamental engineering knowledge which further develops your scientific, communication and problem-solving skills through a combination of practical, hands-on courses, industry projects and theoretical foundations.

Career opportunities

There are varied employment opportunities in Australia and internationally in the energy and resources sector, the pharmaceutical industry, manufacturing, power and water utilities. You could also enter the electronics, finance, management consultancy and telecommunications industries. With highly developed analytical and problem-solving skills, engineering graduates also have a strong base to branch out into different industries, including senior management roles.
Environmental Science

study.uwa.edu.au/environment

Minimum ATAR score: 80
Course structure information: see page 90
Prerequisite subjects: Mathematics
Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended subjects: Mathematics Methods ATAR

Do you want to make a difference 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 both 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 a diverse set of 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 work in state government agencies as well as non-government agencies to regulate and manage land and water resources in natural and agricultural landscapes as well as urban environments.

Exercise and Health

study.uwa.edu.au/exercise-health

Minimum ATAR score: 80
Course structure information: see page 90
Prerequisite subjects: Mathematics
Applications ATAR or a Mathematics unit will be required as part of your degree
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 professions of 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, rehabilitation, physiotherapy, occupational therapy, recreation management, health promotion or work health and safety.

Genetics

study.uwa.edu.au/genetics

Minimum ATAR score: 80
Course structure information: see page 91
Prerequisite subjects: Mathematics
Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended subjects: Mathematics Methods ATAR and Chemistry ATAR

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; an ecologist; or can work in pharmacology and various other specialities.
Geographical Sciences

study.uwa.edu.au/geography

Minimum ATAR score: 80

Course structure information: see page 92

Prerequisite subjects: Mathematics

Applications ATAR or a Mathematics unit will be required as part of your degree

Recommended subjects: Mathematics

Methods ATAR

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.

Career opportunities

The diverse skills and knowledge acquired by Geographical Sciences graduates results in them being chosen by employers such as government authorities, private sector companies, environmental consultancies, non-government organisations and many other organisations concerned with managing the natural and human environment.

Geology

study.uwa.edu.au/geology

Minimum ATAR score: 80

Course structure information: see page 92

Prerequisite subjects: Mathematics

Applications ATAR or a Mathematics unit will be required as part of your degree

Recommended subjects: Mathematics

Methods ATAR

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, computer and laboratory classes and tutorials, and undertake 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.

Marine Science

study.uwa.edu.au/marine-science

Minimum ATAR score: 80

Course structure information: see page 96

Prerequisite subjects: Mathematics

Applications ATAR or a Mathematics unit will be required as part of your degree

Recommended subjects: Mathematics

Methods 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.
Mathematics and Statistics

study.uwa.edu.au/mathematics

Minimum ATAR score: 80
Course structure information: see page 96
Prerequisite subjects: Mathematics
Specialist ATAR and Mathematics Methods ATAR or Mathematics Methods ATAR with additional Mathematics units taken in the first year
Recommended subjects: 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 wide 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.

Microbiology and Immunology

study.uwa.edu.au/microbiology

Minimum ATAR score: 80
Course structure information: see page 96
Prerequisite subjects: Mathematics
Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended subjects: Mathematics
Methods ATAR and Chemistry ATAR

Microbiology is the study of microbes and organisms too small to be seen without a microscope 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 a wide range of areas. These include 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.

Natural Resource Management

study.uwa.edu.au/natural-resource-mgmt

Minimum ATAR score: 80
Course structure information: see page 97
Prerequisite subjects: Mathematics
Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended subjects: Mathematics
Methods ATAR

Growing populations in less developed countries and rising incomes in more developed countries 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, 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."
Neuroscience

study.uwa.edu.au/neuroscience

Minimum ATAR score: 80
Course structure information: see page 97
Prerequisite subjects: Mathematics
Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended subjects: Mathematics Methods ATAR and Chemistry 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.

Physics

study.uwa.edu.au/physics

Minimum ATAR score: 80
Course structure information: see page 98
Prerequisite subjects: Mathematics Specialist ATAR, Mathematics Methods ATAR and Physics ATAR or Mathematics Methods ATAR plus an additional Mathematics unit taken in the first year and Physics ATAR or an additional Physics bridging unit taken in first year
Recommended subjects: 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 radars to lasers, transistors to quantum computers, and electron microscopes to advanced medical imaging scanners.

This major gives you access to the frontiers of modern physics via a focus on mathematical skills. These skills 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.

Physiology

study.uwa.edu.au/physiology

Minimum ATAR score: 80
Course structure information: see page 98
Prerequisite subjects: Mathematics
Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended subjects: Mathematics Methods ATAR and Chemistry 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. 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 the area of sport science or exercise and health, you could also find a career in health promotion and fitness.
Psychological Science

study.uwa.edu.au/psychological-science

Minimum ATAR score: 80

Course structure information: see page 99

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

Recommended subjects: Mathematics Applications ATAR

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 also offer career options.

Psychology (double major)

study.uwa.edu.au/psychology

Minimum ATAR score: 80

Course structure information: see page 99

Prerequisite subjects: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree. Can be taken via a Bachelor of Arts (in which case Mathematics Applications ATAR is not needed) and the Bachelor of Science.

Recommended subjects: Mathematics Applications 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 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. The Psychology double major can also lead to further study and professional qualifications in psychology.

Science Communication

study.uwa.edu.au/science-comm

Minimum ATAR score: 80

Course structure information: see page 100

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

Recommended subjects: Mathematics Applications ATAR

Recommended subject: Mathematics Applications ATAR

Career opportunities

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. You’ll develop 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.

Interested in psychology?

Make sure you check out the psychology majors offered via the Bachelor Arts.
Sport Science

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

Sports 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.

Sport Science, Exercise and Health (double major)

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 degree 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 in the sporting arena. 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.

Zoology

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.¹

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.

¹ Cost of food and accommodation to be borne by the student. For more information visit teachingandlearning.uwa.edu.au/ students/fees
The Bachelor of Philosophy (Honours) (BPhil) is a challenging and 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 semester (usually in the week prior to orientation).

This highly competitive course is unique in Western Australia and represents an exciting and distinctive experience for high-achieving students.

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.

The BPhil Residence is a requirement of this course and all students are expected to attend.

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 for this course is an Australian Tertiary Admission Rank (ATAR) of at least 98.00 in most cases, supplemented by some special admission pathways, and places are limited. Before nominating your degree-specific major (and second major where relevant) you must have satisfied any specified prerequisites for the major (see pages 26 to 65 for detailed descriptions and prerequisites of majors).

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 may prefer to enter the workforce directly after completing your undergraduate degree.

study.uwa.edu.au/bphil
What is an ATAR?

An ATAR (Australian Tertiary Admission Rank) is a rank given in increments of 0.05 between zero and 99.95 that tells you where you’re ranked relative to other students. The ATAR is calculated and converted from your Tertiary Entrance Aggregate (TEA) which is based on your best four scaled scores in WACE subjects. For example, if you have an ATAR of 80.00, this indicates you’ve achieved as well as or better than 80 per cent of the Year 12 school-leaver age population.

Most UWA courses have a minimum entry ATAR of 80.00; however, our Direct Pathways and the Medical Sciences major require a higher score. More information on calculating ATARs and applying can be found at tisc.edu.au.

What is the LOTE bonus?

UWA offers an ATAR bonus to WACE students who study a recognised language other than English (LOTE) in Year 12. For WACE students, 10 per cent of your LOTE course final scaled score is added to your TEA, giving you a new ATAR for entry into UWA. study.uwa.edu.au/loTE

What is the maths bonus?

UWA offers an ATAR bonus to WACE students who take higher-level maths subjects from 2018. Similar to the LOTE bonus, this includes a 10 per cent TEA bonus on the scaled score for students taking Mathematics Methods, plus an additional 10 per cent TEA bonus on the scaled score for students taking Mathematics Specialist.

How an ATAR score is calculated

**EXAMPLE:**

<table>
<thead>
<tr>
<th>Subject</th>
<th>ATAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>70</td>
</tr>
<tr>
<td>Indonesian</td>
<td>61</td>
</tr>
<tr>
<td>English</td>
<td>60</td>
</tr>
<tr>
<td>History</td>
<td>57</td>
</tr>
<tr>
<td>Maths Methods</td>
<td>51</td>
</tr>
</tbody>
</table>

TOP 4 SUBJECTS = TEA OF 248 | ATAR 81.9 (PRE BONUS) + LOTE BONUS 6.1

+ MATHS BONUS 5.1

AFTER BONUS TEA = 248 + 6.1 + 5.1
 = 259.2

AFTER BONUS ATAR = 85.45

Based on 2017 TEA to ATAR ranking. ATAR calculation may vary from year to year.
Understanding TISC

What is TISC?

The Tertiary Institutions Service Centre (TISC) processes students’ university applications on behalf of Western Australia’s four public universities.

Choosing your preferences

TISC applications open in August and close at the end of September. During this time you can submit up to six course preferences through the TISC website. These can all be at the same university or can be from one or more universities. You don’t have to use all six preferences, but it’s wise to cover all your options from best-case to worst-case scenarios. This way you’ll have a plan in place regardless of your final results.

When you apply, list your preferences in order of most desired to least desired. Your first preference, or first couple of preferences, can be for your dream course/s. These are the courses that you would most like to do if everything goes really well in your Western Australian Certificate of Education (WACE) Australian Tertiary Admission Rank (ATAR) exams or equivalent.

Below your dream courses, put some courses that you’re pretty confident you’d get into (and that you’d like to get into). You’ll get offered the highest preference possible, so don’t necessarily sell yourself short by putting a confident course as your first preference if it’s not your ideal course. Once you get offered the highest preference possible, you won’t be offered any lower preferences, so if you get offered your confident course at a higher preference, you won’t know if you might have actually been offered your dream course if that had been a higher preference.

If you don’t get offered one of your higher preferences, the TISC system will keep working down your preferences until it finds the highest one you’re eligible for (and in which there are places available) and offer you that.

TISC application example

<table>
<thead>
<tr>
<th>Preferences</th>
<th>University</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UWA</td>
<td>Dream Course 1</td>
</tr>
<tr>
<td>2</td>
<td>UWA</td>
<td>Dream Course 2</td>
</tr>
<tr>
<td>3</td>
<td>UWA</td>
<td>Confident Course 1</td>
</tr>
<tr>
<td>4</td>
<td>UniX</td>
<td>Confident Course 2</td>
</tr>
<tr>
<td>5</td>
<td>UniY</td>
<td>Fallback Course 1</td>
</tr>
<tr>
<td>6</td>
<td>UniX</td>
<td>Fallback Course 2</td>
</tr>
</tbody>
</table>

You’re not disadvantaged in any way if you happen to be made an offer for a lower preference. Make your preferences work in your favour to keep all your options open; if you need advice choosing your preferences, call 131 UWA (892).

Make the most of your preferences

When choosing your preferences, we also suggest you think about a Plan B in case things don’t go according to plan or you just miss out on getting an offer for a high-demand course.

For example, your first preference may be a Direct Pathway to Law (Juris Doctor) at UWA with an ATAR of 96.00 but if you’re concerned you may not reach this, there’s no need to worry. By choosing a Bachelor of Arts, Biomedical Science, Commerce or Science as your second preference, you can apply for the postgraduate course in Law (Juris Doctor) towards the end of your bachelor’s degree (provided you meet the entry requirements) and still reach your goal of becoming a lawyer.

There are also alternative ways to get in to university if you don’t meet the ATAR requirements; see page 72 for more options.

uwa.edu.au/atar
Entry pathways

START HERE

Have you undertaken any tertiary study?  OR  Are you currently at school?

YES

Australian Qualifications Framework (AQF)
If you have qualifications at diploma-level or above from a registered training organisation (RTO), you will be considered for entry to UWA.

Prior tertiary study
If you have previous or current tertiary study at a bachelor’s degree level and have passed a minimum of four units, you can apply for entry to UWA. Applications for credit transfer/advanced standing are assessed individually by faculties.

Western Australian Certificate of Education (WACE)
You will be considered for admission to UWA if you achieve the Western Australian Certificate of Education and obtain the minimum Australian Tertiary Admission Rank (ATAR) to gain a place in your chosen degree course.

Do you meet UWA’s English language competency?

NO

Sit a UWA-approved English test.

YES

Do you meet the UWA maths requirements for your course?

NO

See Mathematics requirements.

YES

APPLY TO UWA
Are you 20 years old or above?

Other school-leaving qualifications
If you have completed another qualification considered equivalent to the WACE, you can apply for a place on the basis of your school-leaving qualification (converted to an equivalent ATAR). Refer to study.uwa.edu.au/entry-requirements for a list of equivalent qualifications.

Previous secondary school
If you have completed the WACE or equivalent, you may be eligible for entry using your ATAR. Mature-age students can apply for entry on the basis of an ATAR calculated from scaled scores in four WACE courses or have a mature-age ATAR calculated from two WACE courses. To be considered for admission using a mature-age ATAR you need to:
• complete two eligible WACE courses in one year
• obtain the minimum ATAR to gain a place in the degree course

Special Tertiary Admissions Test
As a mature-age applicant you may use results in the STAT to gain entry to a bachelor’s degree in Arts, Biomedical Science, Commerce, or Science. If minimum scores are met, this will satisfy UWA’s English language competence. Any prerequisites for specific majors must also be satisfied. Visit tisc.edu.au for more information.

OR

Mature-age students
You are considered a mature-age student if you are at least 20 years of age at 1 March in the year you intend to commence university study for Semester 1 or at 1 August for Semester 2.

Mathematics requirements
A scaled score of 50 or more in WACE Mathematics Applications ATAR, or equivalent, is required to satisfy the prerequisites for most majors. If you do not satisfy this requirement you will need to successfully complete additional Mathematics units as part of your degree.

English language competence
All applicants must demonstrate satisfactory performance in a UWA-approved test of English. If you are a school leaver, the requirement is a scaled score of 50 or more in WACE English ATAR, English as an Additional Language/Dialect ATAR or Literature ATAR, or the required mark in an accepted equivalent course. Other applicants may be able to demonstrate English language competence through satisfactory performance in the required English subjects when they were at school. If you are not able to demonstrate English language competence in this way, then satisfactory performance in an alternative UWA-approved test of English will be required. A list of approved tests is available at study.uwa.edu.au/elc.

OR

OR

If these categories don’t apply to you, see our alternative entry pathways on pages 72-73.
We offer alternative entry pathways that allow you to be considered for admission to a course if you didn’t meet our standard entry requirements.

AccessUWA
AccessUWA lets you enrol in units without being formally admitted to a degree course. Upon successful completion of a minimum number of units, you can apply for undergraduate admission based on your results. The units may also be credited towards your degree.  
study.uwa.edu.au/accessuwa

Broadway UWA
Students from designated schools receive an automatic positive ATAR adjustment, which may make you eligible for a place at UWA. 
study.uwa.edu.au/broadway

Fairway UWA
Fairway UWA is a program that offers support and activities throughout Year 12 for students who have faced challenging circumstances. Upon completion, you may be eligible for a place at UWA below the standard entry requirement. 
study.uwa.edu.au/fairway

First in Family
Our First in Family program is designed to support students in achieving their goals to be the first in their immediate family to attend university. If you will be the first in your family to attend university, you may be eligible for a place at UWA below the standard entry requirement. 
study.uwa.edu.au/first-in-family

UWay
School-leaver applicants and applicants completing mature-age WACE courses who believe their academic achievements in Year 12 have been adversely affected by certain disadvantages may apply for special consideration through the UWay scheme. Special consideration is also given to exceptional cases on an individual basis prior to each round of offers. Application forms are sent to WA secondary school principals in August and are also available online along with further information about the application process and closing dates. 
study.uwa.edu.au/uway
Entry pathways for Indigenous students

UWA’s School of Indigenous Studies has extensive experience in offering tailored pathways into all undergraduate courses for Aboriginal and Torres Strait Islander people. Pathways include the Aboriginal Orientation Course, UWA Smart Start Course and the Provisional Entry Scheme.

Enabling pathways
Indigenous students with an ATAR below 70.00, mature-age students and students who have not completed Year 12 studies or equivalent are encouraged to apply to one of the School’s enabling (or bridging) courses. These are free courses that are eligible for ABSTUDY and scholarships support.

Aboriginal Orientation Course
The Aboriginal Orientation Course is a one-year course that prepares students for entry into a UWA undergraduate degree in Arts, Biomedical Science, Commerce or Science. Students enrol in a minimum of four units each semester and the choice of units depends on the student’s intended undergraduate degree.

UWA Smart Start Course
This course is offered at UWA Albany and includes most units within the Aboriginal Orientation Course. It is open to Indigenous and non-Indigenous students and prepares students for first-year study in an undergraduate course.

How to apply
Applications for the Aboriginal Orientation Course and UWA Smart Start Course are available from September. All applicants will then be invited to attend an information session, as well as an interview and assessment at a Uni Entry Workshop in early December or late January. There is also a mid-year application round for these courses.

sis.uwa.edu.au/courses/orientation

Provisional Entry Scheme
Indigenous students who have an ATAR between 70.00 and 79.00 and mature-age students with substantial work experience are eligible to apply for entry to an undergraduate degree through the School’s Provisional Entry Scheme.

The Provisional Entry Scheme is competitive and applicants are ranked based on their education and/or employment background, interview and written assessment. Students are also required to have met the prerequisites for the course in which they are applying. There is a mid-year application round for this scheme.

sis.uwa.edu.au/courses/provisional

Scholarships
Indigenous students commencing at UWA are eligible to receive significant scholarships. The School provides extensive guidance and support with applications and advice.

sis.uwa.edu.au/scholarships
What is mature-age entry?

If you are aged 20 years or over on 1 March of the year you wish to commence university studies (or 1 August for mid-year entry), you qualify for our mature-age entry pathways.

Our Future Student Advisers can provide individual guidance to help you choose an entry pathway that’s suited to the course in which you wish to enrol.

Traditional university admission requirements can sometimes present impractical and costly financial barriers for mature-age students.

Through the UWA Mature-age Access Program (MAP), students without any previous academic qualifications may be offered the opportunity to study at UWA on a provisional basis.

You can:
• study part-time or full-time
• demonstrate your academic ability, English language competency and subject prerequisites through an approved provisional enrolment
• defer your tuition costs through the HECS-HELP scheme (Australian citizens or holders of a permanent humanitarian visa)

Special support services for MAP students include:
• more than 40 workshops every semester covering everything from time management to critical thinking, grammar to exam strategies
• daily WRITESmart drop-in sessions from 10am–12pm during teaching weeks – a great opportunity to discuss quick questions with our expert advisers
• numerous workshops to provide support for students whose units include a mathematical or statistical component

MAP students can also join the Mature Age Students’ Association aimed at bringing together mature-age students within the University.

Find out more study.uwa.edu.au/map
“I’d always wanted to further my studies at university but never had the opportunity to do so, having been brought up in a large, single-parent family with financial constraints. Giving up on my dreams was not an option, so when I learned about UWA’s Mature-age Access Program (MAP) I decided to give it a go. It’s not easy, but MAP has allowed me to juggle work, family and full-time study. The programs are incredible and they helped usher me into university life. It’s never too late to achieve your dreams.”

Elina Ndzai
MAP and Bachelor of Commerce graduate
Starting university can be an exciting yet daunting and overwhelming experience, particularly for students who have been away from study for some time. The following tips may help ease you into university life.

**Preparation is key**
From the moment you’re offered a place at UWA, there are several steps to follow to help prepare you for your first semester. Take note of any important dates to ensure you don’t miss crucial deadlines and essential information sessions. It also helps to be organised and not leave things to the last minute.

Upon receiving an offer of a place, the UniStart website is your gateway to joining us at UWA. It is from here you will accept (or defer) your offer, research and select the units you need to enrol in, work out your timetable and find out what documentation you will need to enrol. You can speak to a Student Experience Officer about the units you wish to enrol in, register your unit and timetable preferences and obtain your student card.

**Allow for an adjustment period**
Starting university is a big step for most students and, at first, it may be difficult to understand what is expected in terms of studying and assignments. Allow yourself time to adjust, develop study skills and balance your home, work and study life – it won’t happen immediately. Extra support is always here if you need it. Take advantage of the many student services available to you and by persevering through this challenging transition period, you will be amazed at what you can achieve.
Frequently asked questions

How do I select my units?
It is important to choose a course that interests you in order to stay motivated throughout your degree. Once you accept your offer via the UniStart website, and prior to enrolling online, you will be directed to the UWA Handbook website. The Handbook is an online resource where you can view and research the units available within your chosen course, as well as those from other areas you may wish to include as part of your degree. You can view sample study plans based on your major area of study. There are videos to assist you in exploring the handbook and developing your own study plan.

How many units should I do?
A full-time study load is usually four units per semester, although studying three units is also considered full-time for Centrelink and student concessions. If you are working full-time or are a primary caregiver for children, we recommend you do no more than two units in your first semester, although one is probably ideal.

How should I manage my time?
Most classes at UWA are taught within normal business hours, so you’ll need to plan to be on campus during the day. It is also important to factor study time (both on and off campus) into your schedule.

How many classes will I need to attend?
Each unit has a set of classes. These usually consist of lectures, tutorials and laboratories. In most units you will have two 45-minute lectures and a 45-minute tutorial each week. There are, however, some units that have significantly more contact time. The UWA Handbook provides information on contact hours required for each unit.

When will I need to attend uni throughout the year?
UWA operates on a 12-week semester basis for most students, with a one-week study break in each semester.

Semester 1 usually starts in late February and ends in June when examinations are held. There is then a mid-year break before Semester 2 starts in late July and ends in November.

These semesters do not necessarily coincide with school holidays.

The University observes all national and state holidays.

Is it important for me to stay on campus when I’m not in class?
Spending time on campus outside the classroom has many positive benefits. It will help you meet people and build a support network. Using the libraries on campus for research purposes and as quiet spaces to study is a good idea, particularly if studying at home is difficult.

There are lots of activities happening around the campus to help you stay connected beyond your studies. You can participate in programs provided by UWA Sport and our Student Guild or discover our UWA Cultural precinct. Find out more at ask.uwa.edu.au.

Tips

We asked our students what advice they would give to new students. These were the key responses:

- Stick with it – even if you feel overwhelmed at first.
- Ask questions – keep asking if you don’t get answers that make sense.
- Ask for allowances or help if you need it – provisions are there to support you.
- Join programs or study groups – this includes UniMentor and STUDYSmarter.
- Get involved – take advantage of the social aspects of uni life to help keep you balanced.
- Be organised – a little bit of planning goes a long way.
How to apply

1. Find a course
   Explore your course options at study.uwa.edu.au. You can also visit the Tertiary Institutions Service Centre (TISC) website tisc.edu.au or obtain a copy of the 2020 TISC Guide.

2. Check the entry requirements
   Entry to most courses is assessed on your ATAR (or equivalent), but it is important to check for additional selection criteria which can apply to some courses and pathways. See pages 70-71 for information on entry requirements. You should also check the prerequisite subjects for your course of interest.

3. Offers are released
   If you receive an offer, you’ll be given instructions on how to accept or defer your place and how to get started on your UWA journey. Main round offers are released late December 2019, with second round offers available late January 2020. Refer to the TISC website for updated offer dates. tisc.uwa.edu.au

Courses with additional entry requirements

At UWA there are some courses that require additional entry requirements.

Music
As well as meeting the ATAR, the following undergraduate majors offered by the UWA Conservatorium of Music have additional requirements:

- **Music Studies and Music General Studies**
  - Pass in WACE English or English Literature (or ESL if you are eligible).
  - Pass an audition to be eligible for entry to a Music course. The required standard for Music Studies and Music General Studies is AMEB Grade 5 practical or equivalent. For Music Studies a theory background comparable to WACE Music ATAR or equivalent (e.g. AMEB Grade 5 theory) is also required. Music General Studies does not require theory.
  - Composition candidates will also need to submit a portfolio.

- **Music Specialist Studies**
  - Pass in WACE English or English Literature (or ESL if you are eligible).
  - Pass an audition to be eligible for a Music course. The required standard for Music Specialist Studies is AMEB Grade 7 practical or equivalent and/or submit a portfolio of compositions. A theory background comparable to WACE Music ATAR or equivalent (e.g. AMEB Grade 5 theory) is also required.
  - Composition candidates will also need to submit a portfolio.

uwa.edu.au/able/schools/conservatorium-of-music
Investigate your entry options
We offer a number of special entry pathways for Indigenous and non-Indigenous students. See pages 72-73 for more information.

Visit us
Open Day is a fantastic opportunity for you and your family to get a taste of uni life at UWA. If you can’t make it to Open Day, campus tours are held throughout the year for you to come and explore. To discuss your study options at UWA, contact our Future Students team on 131 UWA (131 892) or at ask.uwa.edu.au.

Apply
Once you’ve selected your UWA courses, submit your application at tisc.edu.au. Applications open early August and close late September. Refer to the TISC website for updated application dates. You can learn more about the TISC process on page 69. For mid-year applicants, you can apply directly to UWA via study.uwa.edu.au/apply.

Results and change of preference
Once you’ve received your final Year 12 results and ATAR, you’ll have a short timeframe to change your preferences. This can be done online via the TISC website. Our Admissions team is available during this time to answer any questions you may have about changing preferences and entry requirements.

Medicine and Dentistry
Students wishing to apply for a Direct Pathway in Medicine or Dental Medicine are required to meet the following entry requirements:

- Minimum ATAR of 99.00 or equivalent (96.00 ATAR for Broadway/Rural)
- Suitable UCAT/ISAT score*
- Interview
- English language competency

Entry to a Doctor of Dental Medicine also requires:

- Satisfactory completion of the Spatial Awareness Test
- Meeting eyesight requirements

Quotas apply for these courses so places are limited.

study.uwa.edu.au/Courses/Doctor-of-Medicine
study.uwa.edu.au/Courses/Doctor-of-Dental-Medicine

* UCAT is required for domestic students and ISAT is required for international students.
Scholarships

The University of Western Australia (UWA) awards more than $6 million of scholarships for coursework students. These scholarships are intended to support students from all walks of life by helping them to succeed in their academic journeys and achieve their full potential while undertaking studies at the university.

We have scholarships under the following categories:

- Prestigious scholarships
- Academic excellence scholarships
- Sporting excellence scholarships
- Residential scholarships
- Regional and remote scholarships
- Equity scholarships
- Indigenous Australian and Torres Strait Islander scholarships
Eligibility to apply
Eligibility varies depending on the scholarship being sought, but our range of scholarships provides numerous opportunities to apply. Take a look at the conditions of the scholarship you intend to apply for to view your eligibility.

How to apply
Scholarships that are open for application may be accessed through our online application portal. You can apply for as many scholarships as you wish. If your application is successful, you may only hold one scholarship at a time, dependent on the scholarship conditions at the time of application and award.

When are scholarships open for application?
UWA Fogarty Foundation Scholarships and UWA Winthrop Leaders Scholarship
January to May
Main Round Future Students
July to November
Semester 1
December to March
Semester 2
May to August

If you submit an application for a Main Round Future Students scholarship by the closing date in November, you will be notified if you have been successful in December.

Note that not all scholarships require an application. This will be outlined on the Scholarship website.

Our prestigious scholarships are aimed at awarding high-achieving, well-rounded, exceptional young people who give back to the community by leading positive change and continuing to excel.

UWA Fogarty Foundation Scholarship
The UWA Fogarty Foundation Scholarships have been established by The University of Western Australia in partnership with the Fogarty Foundation to provide senior secondary students with an opportunity to undertake an undergraduate degree course and then a postgraduate degree by coursework at the University. The scholarship is intended for students who show significant academic potential, together with leadership ability and other outstanding achievements throughout Year 11 and 12.

For: assistance with study and leadership development
Number on offer: 10
Offer rate: per annum
Value: $10,000

UWA Winthrop Leaders Scholarship
The UWA Winthrop Leadership Scholarship has been established by The University of Western Australia to provide senior secondary students with an opportunity to undertake an undergraduate degree course and then a postgraduate degree by coursework at the University. The scholarship is intended for students who show significant academic potential, together with leadership ability and other outstanding achievements throughout Year 11 and 12.

For: assistance with study and leadership development
Number on offer: 10
Offer rate: per annum
Value: $10,000

UWA Hackett Scholarships
The UWA Hackett Scholarship is provided by The University of Western Australia to assist and encourage high-achieving students who comprise the top 10 per cent of Year 12 WACE graduands in all regional, remote and targeted metropolitan schools in Western Australia to commence and pursue a bachelor’s degree at the University.

For: regional and remote – assistance with accommodation
Offer rate: per annum
Value: $5,000
Or
For: targeted metropolitan schools – Guild cash card
Offer rate: one semester only
Value: $1,500
Number of scholarships offered: determined by the University at the time of award

UWA Principal’s Citizenship Award
The UWA Principal’s Citizenship Award is offered by The University of Western Australia alongside the UWA Hackett Scholarships to recognise outstanding Year 12 students from targeted schools, nominated by their principal as the most likely to succeed at university due to his or her resilience, exemplary scholarly attributes and/or contributions to the school/broader community.

Offer rate: one award is available for each Western Australian school that reasonably expects Year 12 graduands that meet the University’s entry requirements.
Value: $1,500 once off

To access up-to-date information on our full range of scholarships, visit scholarships.uwa.edu.au/futurestudents or get in touch through askUWA.

Scholarship details correct at time of publishing but may be subject to change without notice.
The Australian Government provides Commonwealth-supported places in courses at UWA for students who are Australian or New Zealand citizens or holders of an Australian permanent resident visa.

Commonwealth-supported students are required to make a contribution to the cost of their course. For Australian citizens, humanitarian visa holders and New Zealand Special Category Visa (NZ SCV) holders who meet the long-term residency requirements, the contribution can be deferred through the Australian taxation system via the Commonwealth Government’s HECS-HELP loan scheme or paid directly to the University. Students who elect to use the HECS-HELP loan scheme do not need to pay any of their student contribution directly to UWA but may, if they choose, make partial payments each fee period.

For New Zealand citizens and other permanent residents of Australia, the contribution must be paid in full, directly to the University. Direct payments do not attract a discount. Further information on eligibility criteria for NZ SCV is available at studyassist.gov.au.

How much is the student contribution?

A course at UWA comprises a number of units. A standard unit is worth six (6) credit points. Full-time students usually study four six-credit-point units in a semester for a total of eight six-credit-point units in a year. Fees are billed on a semester basis.

The table below provides indicative costs for various discipline areas. The amount of your student contribution each semester depends on the mix of units in which you are enrolled.

The UWA Student Services and Amenities Fee

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, sporting and educational facilities together with social, education and representation activities and services. study.uwa.edu.au/fees-scholarships

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### Student contribution rates* – Commonwealth-supported students

<table>
<thead>
<tr>
<th>Unit discipline</th>
<th>Annual contribution for a standard full-time load (48 credit points)</th>
<th>Approximate student contribution for a 6-credit-point unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities, behavioural science, foreign languages, social studies, visual and performing arts, education, nursing, clinical psychology</td>
<td>$6,566</td>
<td>$820</td>
</tr>
<tr>
<td>Agriculture, built environment, computing, engineering, health and surveying, pharmacy, mathematics, statistics, science (natural and physical)</td>
<td>$9,359</td>
<td>$1,169</td>
</tr>
<tr>
<td>Accounting, administration, commerce, dentistry, economics, law and medicine</td>
<td>$10,958</td>
<td>$1,369</td>
</tr>
</tbody>
</table>

*Current at time of printing.
Your first few days at university can be overwhelming, from making new friends and managing your resources, to getting help with your course or even just finding the right lecture room. We offer a range of student support services dedicated to helping you get your studies off to the best start and supporting you throughout your journey with us.

Before university begins, learn about accepting your offer and going to orientation with UniStart. You’ll find useful dates, events and locations of services you may need in your first few days. Our transition advisers are also on hand to help out with any issues. They can offer advice from enrolling to fixing clashes in your timetable.

**transition.uwa.edu.au**

STUDYSmarter is a free academic advice and support service offering support and resources for all undergraduate and postgraduate students at UWA. The team can help you develop the writing, research, English language, maths and stats skills you need to excel in your university studies. Get personalised advice at WRITESmart Drop-in and (ma+hs) Smart Drop-in.

**studysmarter.uwa.edu.au**

If you have a disability or a 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**

Located in the Guild Village, the University Medical Centre offers a full range of high-quality, confidential healthcare services and support to current UWA students and staff.

**uwa.edu.au/medical-centre**

Counselling is available for students with academic or personal concerns. Psychologists with the service understand 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**

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**

The search for accommodation can often be confusing and overwhelming. The UWA Accommodation Office provides a variety of options, as well as advice and support for students looking to live on or off campus.

**accommodation.uwa.edu.au**

For students with family commitments, UWA Child Care Services offer an Early Learning Centre for children aged six weeks to five years, plus After School and Vacation Care for primary school-aged children.

**childcare.uwa.edu.au**
Course structure
Aboriginal Health and Wellbeing

study.uwa.edu.au/aboriginal-health
handbooks.uwa.edu.au/aboriginal-health

COURSE REQUIREMENTS

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

Course structure

Level 1 core units
- Aboriginal Encounters: Strangers in our Backyard
- Boodjar Moort Kati tjin: 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

Agricultural Science

study.uwa.edu.au/agriculture
handbooks.uwa.edu.au/agriculture

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree.
Recommended: Mathematics Methods ATAR

Course structure

Level 1 core units
- Principles of Inheritance
- Plants in Action
- Science, Society and Data Analysis
- Communicating Science

Level 2 core units
- Soil Science
- Pasture and Livestock Systems
- Soil-Plant Interactions

Level 3 core units
- Agricultural Economics and Marketing
- Clean, Green and Ethical Animal Production
- Crops and Cropping Systems
- Plants in Action
- 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:
- Agricultural Economics and Marketing
- Clean, Green and Ethical Animal Production
- Crops and Cropping Systems
- Soils and Plant Interactions
- Soil-Plant Interactions

Anatomy and Human Biology

study.uwa.edu.au/anatomy
handbooks.uwa.edu.au/anatomy

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree.
Recommended: Mathematics Methods ATAR

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.
Archaeology

Course structure
Level 1 core units
- Being Human: Culture, Identity and Society
- Global Change, Local Responses

Level 2 core unit and options
- Social Thought
- 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
- Contemporary Social Thought
- Engaged Anthropology
- Environment, Landscape and Place
- Indigenous Australia
- Mind, Body, Culture
- Migration, Mobilities, Belonging
- Social Meaning of Money
- The Social Worlds of the Indo-Pacific

Architecture A

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

Course requirements
Prerequisites: none
Recommended: none

Archaeology

Course structure
Level 1 core units
- Discoveries in Archaeology
- Archaeology A, B and 14C

Level 2 options
Select two:
- Archaeology of Rock Art
- Mysteries of Forensic Science
- Rock Art Field School
- The Archaeology of Death
- The Archaeology of Human Origins and Symbolic Thought

Level 3 core units and options
- Archaeological Field Skills
- Archaeological Laboratory Skills
- Australian Archaeology
- Experimenting with Archaeology
- Historical and Maritime Archaeology

Asian Studies

Course structure
Level 1 core units
- Asian Societies and Cultures
- Asia from Colonial to Modern

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

Course requirements
Prerequisites: none
Recommended: none

Biochemistry and Molecular Biology

Course structure
Level 1 core units
- Molecular Biology of the Cell
- 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 with WACE Chemistry must take:
  - Chemistry—Properties and Energetics
  - Statistics for Science
- Students without WACE Chemistry must take:
  - Introductory Chemistry
  - Statistics for Science

Course requirements
Prerequisites: Mathematics Applications ATAR or Mathematics Methods ATAR and Chemistry ATAR
Recommended: Mathematics Methods ATAR and Chemistry ATAR
Botany
study.uwa.edu.au/botany
handbooks.uwa.edu.au/botany

COURSE REQUIREMENTS
Prerequisites: Mathematics Applications ATAR or a Mathematics unit is required as part of your degree.
Recommended: Mathematics Methods ATAR

Course structure
Level 1 core units
- Frontiers in Biology
- Plant and Animal Biology

Level 1 complementary units
- Communicating Science
- Science, Society and Data Analysis

Level 2 core units
- Ecology
- Plants in Action
- Plant Diversity and Evolution

Level 2 complementary unit
- Principles of Inheritance

Level 3 core units
- Australian Vegetation
- Ecological Processes
- Plant Physiological Ecology

Level 3 complementary unit
- Soil–Plant Interactions

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

COURSE REQUIREMENTS
Prerequisites: Mathematics Applications ATAR with a Mathematics unit completed in your first year.
Recommended: Mathematics Methods ATAR

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
- International Commercial Law
- Marketing, Management and the Law

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

Chemistry
study.uwa.edu.au/chemistry
handbooks.uwa.edu.au/chemistry

COURSE REQUIREMENTS
Prerequisites: Mathematics Methods ATAR or Mathematics Applications ATAR with additional Mathematics units taken in the first year and Chemistry ATAR or an additional Chemistry unit taken in the first year.
Recommended: Mathematics Specialist ATAR and Mathematics Methods ATAR and Chemistry ATAR

Course structure
Level 1 core units
- Chemistry—Properties and Energetics
- Chemistry—Structure and Reactivity

PHYSICAL AND ANALYTICAL SPECIALISATION
Level 2
- Core Chemical Concepts and Techniques
- Physical and Analytical Chemistry

Level 3
- Essential Chemical Skills
- Chemical Explorations
- Chemical Spectroscopy and Structure
- Chemistry Beyond the Laboratory

SYNTHETIC SPECIALISATION
Level 2
- Core Chemical Concepts and Techniques
- Chemical Synthesis

Level 3
- Essential Chemical Skills
- Chemical Explorations
- Advanced Chemical Synthesis
- Synthetic Applications

Complementary units
Depending on your WACE subjects, you may be required to take all or a combination of the following subjects:
- Mathematics Fundamentals
- Mathematics Foundations: Methods

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

COURSE REQUIREMENTS
Prerequisites: None
Recommended: None

Course structure
Level 1 Beginners
- Chinese 1
- Chinese 3
- Social Issues in Contemporary China

Level 2 Beginners
- Chinese 3
- Chinese 3A
- Chinese 4
- Social Issues in Contemporary China

Level 1 Pre-intermediate
- Chinese 3
- Chinese 3A

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
- Chinese 3

Level 2 Intermediate
- Chinese 5
- Chinese 6

Level 3 Intermediate
- Chinese 7
- Chinese 8
- Social Issues in Contemporary China

Level 1 Advanced
- Chinese 5
- Chinese 6

Level 2 Advanced
- Chinese 7
- Chinese 8

Level 3 Advanced
- Chinese 9
- Chinese 10
- Social Issues in Contemporary China

Study Abroad
- China Field Study (equivalent to two Chinese language Level 2 or 3 units)
- Provides intensive language study during summer holidays at two universities in China
- Chinese Language and Culture Immersion Program (Taiwan) (equivalent to any one Chinese language Level 2 or 3 units)

1. When enrolling, students will be required to complete a questionnaire about their knowledge of Chinese, upon which they will be informed about which level is appropriate for their knowledge of Chinese.
2. This level is incompatible with a pass in Chinese Background Language ATAR higher.
3. Admission to this level requires a pass in Chinese: Background Language ATAR. It is incompatible with any other Chinese Language ATAR.
4. Admission to this level requires a pass in Chinese: Second Language ATAR.
5. 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
Prerequisites: none
Recommended: none

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
• Greek 2
• Latin 2
• Latin 3
• The Foundation of the Roman Empire
• The Golden Age of Athens

Level 3 options
Select four:
• Alexander the Great
• Ancient Epic
• Greek 3
• Greek 4
• Greek Theatre
• Latin 4
• Religion, Society and the Divine in the Roman World: From Augustus to Augustine
• Roman Britain
• The Emergence of Greece
• The Majesty of the Roman Empire
• The Roman Revolution

1 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
Prerequisites: none
Recommended: none

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
• Case Studies in Communication
• Designing Play
• Journalism in Practice
• Media Production Project

Computer Science

study.uwa.edu.au/computer-science
handbooks.uwa.edu.au/computerscience

COURSE REQUIREMENTS
Prerequisites: Mathematics Applications ATAR with additional Mathematics units taken in the first year
Recommended: Mathematics Methods ATAR

Course structure
Level 1 core units
• Object-oriented Programming and Software Engineering
• Relational Database Management Systems

Level 2 core units
• Data Structures and Algorithms
• Systems Programming

Level 3 core units
• Algorithms, Agents and Artificial Intelligence
• Graphics and Animation
• Networks and Security
• 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:
• Discrete Structures
• Global Challenges in Engineering
• 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
Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended: Mathematics Methods ATAR

Course structure
Level 1 core units
• Frontiers in Biology
• Plant and Animal Biology

Level 1 complementary units
• Communicating Science
• Science, Society and Data Analysis

Level 2 core units
• Conservation Biology
• Ecology

Level 2 complementary units
Perth campus
• Global Climate Change and Biodiversity
• Principles of Inheritance
Albany campus
• Global Climate Change and Biodiversity
• Geographic Information Systems

Level 3 core units
• Ecosystem Restoration
• Ecological Processes
• Saving Endangered Species
• Wildlife Conservation and Management

Data Science

study.uwa.edu.au/data-science
handbooks.uwa.edu.au/datascience

COURSE REQUIREMENTS
Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended: Mathematics Methods ATAR

Course structure
Level 1 core units
• Problem Solving and Programming
• 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
• Global Challenges in Engineering
• Mathematics Fundamentals
• Statistics for Science
## Course requirements

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

**Recommended:** Mathematics Methods ATAR

### 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:
    - Asia in the World Economy
    - Business Econometrics
    - Business Economics
    - Rise of the Global Economy

#### Level 3 core options
- Select two (including at least one from Economic Policy, International Finance, or International Trade):
  - Advanced Mathematics for Economists
  - Applied Macroeconomics
  - Applied Microeconomics
  - Asia in the World Economy
  - Development Economics
  - Econometrics
  - Economic Policy
  - Finance and Economics for Minerals and Energy
  - Game Theory and Strategic Thinking
  - Health Economics
  - History of Economic Ideas
  - Intermediate Macroeconomics for Economists
  - International Finance
  - International Trade
  - Monetary Economics
  - 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
  - Marketing Management
  - Organisational Behaviour

### Course options

- **Level 1 core units**
  - Material Behaviour from Atoms to Bridges
  - 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
  - Object-oriented Programming and Software Engineering (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**
  - Global Challenges in Engineering
  - Energy
  - Motion

- **Plus the following:**
  - Computer Analysis and Visualisation (for students not in Software Engineering); or
  - Data Structures and Algorithms (for students in Software Engineering); or
  - Physiology of Cells (for students in Biomedical Engineering); or
  - Systems Programming (for students in Software Engineering)

- **Level 3 core units**
  - Biomedical Specialisation
    - Biomedical Engineering
    - Biomechanical Principles
    - Signals and Systems
    - Materials and Manufacturing
    - Circuits and Electronics

  - 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
    - Structural Analysis

- **Plus one of the following:**
  - Data Collection and Analysis
  - Environmental Systems

### Engineering Science

**Prerequisites:** Mathematics Specialist ATAR, 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 and Mathematics Methods ATAR and Physics ATAR

### Course structure

#### Level 1 core units
- Material Behaviour from Atoms to Bridges
- 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
- Object-oriented Programming and Software Engineering (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
- Global Challenges in Engineering
- Energy
- Motion

#### Plus the following:
- Computer Analysis and Visualisation (for students not in Software Engineering); or
- Data Structures and Algorithms (for students in Software Engineering); or
- Physiology of Cells (for students in Biomedical Engineering); or
- Systems Programming (for students in Software Engineering)

#### Level 3 core units
- Biomedical Specialisation
  - Biomedical Engineering
  - Biomechanical Principles
  - Signals and Systems
  - Materials and Manufacturing
  - Circuits and Electronics

- 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
  - Structural Analysis

- Environmental Systems

- Electrical Specialisation
  - Advanced Mathematics Applications
  - Circuits and Electronics
  - Digital Embedded Systems
  - Electronic Materials and Devices
  - Power and Machines
  - Signals and Systems

### English and Literary Studies

**Course requirements**

**Prerequisites:** None

**Recommended:** None

### Course structure

#### Level 1 options
- Select two:
  - Global Literatures
  - Literary Classics
  - Narrative in the Digital Age
  - Reading Creatively/Writing Creatively
  - Reading Bodies

#### Level 2 options
- Select two:
  - Creative Writing: Theory and Practice
  - Jane Austen and her Legacy
  - Modernism and the Avant-garde
  - Netflix: Cinema and Long-form Television
  - Shakespeare and his World
  - Romanticism and Change in the Long Nineteenth Century

#### 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 Arthuriad
  - Victorian Dreams and the Technological World
  - Writing the Environment
Environmental Science

study.uwa.edu.au/environment
handbooks.uwa.edu.au/environment

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended: Mathematics Methods ATAR

Course structure

Level 1 core units
- Environmental Science and Technology
- Disasters

Level 1 complementary units
- Science, Society and Data Analysis
- Communicating Science

BIOLGY SPECIALISATION

Level 1
- Plant and Animal Biology

Level 2
- Global Climate Change and Biodiversity
- Ecology

Level 3
- Ecological Processes
- Land Capability Assessment
- Environmental Assessment
- Environmental Dynamics

EARTH SPECIALISATION

Level 1
- The Dynamic Planet

Level 2
- Soil Science
- Geographic Information Systems

Level 3
- Geophysical Processes
- Land Capability Assessment
- Environmental Assessment
- Environmental Dynamics

Exercise and Health

study.uwa.edu.au/exercise-health
handbooks.uwa.edu.au/exercisehealth

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended: Mathematics Applications ATAR

Course structure

Level 1 options
- Applied Anatomy and Athletic Performance
- The Musculoskeletal System and Movement

Level 1 complementary units
- Mathematics Fundamentals for students without Mathematics Applications ATAR or higher
- Physical Fitness and Health
- Psychology: Behaviour in Context

Level 2 options
- Exercise Physiology
- Promoting Lifelong Physical Activity
- Psychosocial Aspects of Sport, Exercise and Health

Level 3 options and options
- Exercise Prescription and Nutrition for Health and Fitness
- Lifespan Motor Development

Finne

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

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR or a Mathematics unit completed in your first year
Recommended: Mathematics Methods ATAR

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
  - Derivative Strategies and Pricing
  - 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

French Studies

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

COURSE REQUIREMENTS

Prerequisites: none
Recommended: none

Course structure

Level 1 Beginners
- 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
- French Studies 3
- French Studies 4

Level 2 Intermediate
- French Studies 5
- French Studies 6
- French Cinema

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
- French Studies 5
- French Studies 6

Level 2 Advanced
- French Studies 7
- French Studies 8
- French Cinema

Level 3 Advanced
- French Studies 9
- Contemporary Literature in French
- French Exceptionalism and Contemporary France

Study Abroad

Exchange to France

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

- 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.
- 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 examined by the discipline as native or near-native speakers.
Genetics

study.uwa.edu.au/genetics
handbooks.uwa.edu.au/genetics

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree.

Recommended: Mathematics Methods ATAR and Chemistry ATAR

Course structure

Level 1 core unit and option
- Molecular Biology of the Cell
- Frontiers in Biology
- Human Biology I: Becoming Human

Level 3 core units and option
- Statistics for Science and either
  - Chemistry—Properties and Energetics or Biological Chemistry

Level 2 core units
- Molecular Genetics I
- Principles of Inheritance

Level 3 core units and option
- Evolution and Development
- Genomics
- Molecular Genetics II

Level 1 complementary units
- Introductory Chemistry
- Statistics for Science

Level 2 core units
- Molecular Genetics
- Principles of Inheritance

Geography

study.uwa.edu.au/geography
handbooks.uwa.edu.au/geography

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree.

Recommended: Mathematics Methods ATAR

Course structure

Level 1 core units
- Discovering Earth
- The Dynamic Planet

Level 1 complementary units
- Communicating Science
- Science, Society and Data Analysis

Level 2 core units
- Earth Materials
- Earth Processes

Level 2 complementary units
- Field Geology
- Plus one of the following:
  - Coastal Processes
  - Hydrology and Water Resource Management

Level 3 core units
- Basin Analysis
- Geochemistry and Petrology
- Geological Mapping
- Structural Geology and Tectonics

Level 2 complementary units
- Advanced GIS and Remote Sensing
- Coastal Processes
- Field Geology
- The Dynamic Planet

Level 1 Intermediate
- 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
- 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

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).

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.

This level is incompatible with a pass in German Background Language ATAR.

Admission to this level requires a pass in German: Second Language ATAR.

This level is available to students assessed by the discipline as native or near-native speakers.
### Course structure

**History**

**Course requirements**

Prerequisites: none
Recommended: none

**Course structure**

**Level 1 options**
- Contemporary European Culture in Historical Perspective
- Environmental History
- Gender in Australia
- Old Worlds and New Empires
- Society and Culture in Europe, 800–1700

**Level 2 options**
- Civilisation and Barbarism in European Culture
- Crises and Controversies in Australian History
- 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
- Restaging the Past: Cinema and the Practice of History
- The City in History
- Thinking History
- White Supremacy

**Level 3 options**
- 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
- 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
- The Vikings
- Twentieth-century Britain

### History of Art

**Course requirements**

Prerequisites: none
Recommended: none

**Course structure**

**Level 1 core units**
- Great Moments in Art
- Ways of Seeing: Themes and Theories in Art

**Level 2 options**
- Art as Politics
- Catavaggio and the Baroque
- Contemporary Art
- Living Paris: Experiencing and Representing the Modern City
- Looking East: Envisioning the Orient in Western Art
- Introduction to Museum and Curatorial Studies
- Italian Renaissance Art Now
- Modernism and the Visual Arts
- Nineteenth-Century British Art
- Rome
- The Art of Modern Life
- The Art of Photography

**Level 3 core unit and options**
- Art Theory
- Plus two of the following:
  - Breaking Art
  - Living Paris: Experiencing and Representing the Modern City
  - Prints from Dürer to Toulouse-Lautrec
  - Manet and the French Avant-Garde
  - Michelangelo
  - Visual Culture and Art in America: 1900–2000
  - Picturing the Self: Portraiture in Nineteenth-century Europe
  - Rome
  - The Dutch Golden Age and the Art of Exploration
  - The Northern Renaissance
  - Twenty-First-century Art
  - Australian and Aboriginal Art

### Human Geography and Planning

**Course requirements**

Prerequisites: none
Recommended: none

This major is taken via a Bachelor of Arts or Bachelor of Philosophy (Honours) degree.

**Course structure**

**Level 1 core units**
- Geographies of a Global City
- Disasters!

**Level 2 core units**
- Geographies of Economic Development
- Social Geography and Planning

**Level 2 complementary units**
- Geographic Information Systems
- Reading Landscapes: People and Processes

**Level 3 core units**
- Environmental Policy and Planning
- Geographic, Environment and Planning Fieldwork
- Regional Development and Planning
- Urban Planning and Design

### Human Resource Management

**Course requirements**

Prerequisites: Mathematics Applications ATAR with a Mathematics unit completed in your first year
Recommended: Mathematics Methods ATAR

**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
Course structure

Level 1 options
- 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

Level 2 options
- Aboriginal Health and Wellbeing
- Sex, Gender and Social Life
- Mental Wellbeing for Today’s World
- Birth, Life, Death and the Law
- Bioethics
- Philosophy of Psychology and Psychiatry
- 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

Indigenous Knowledge, History and 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 one of the following:
  - English Language and Academic Communication I
  - English Language and Academic Communication II

Level 2 core units and option
- Indigenous Knowledge: Mind, Body and Spirit
- Knowing Country: The Dreaming and Darwin
- Plus one of the following:
  - Curatorial Practices
  - Indigenous Representation
  - Indigenous Ways of Knowing 2
  - Looking North: The Wild West

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

Humanities in Health and Medicine

study.uwa.edu.au/health-humanities
handbooks.uwa.edu.au/health-humanities

Course structure

Level 1 options
- 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

Level 2 options
- Aboriginal Health and Wellbeing
- Sex, Gender and Social Life
- Mental Wellbeing for Today’s World
- Birth, Life, Death and the Law
- Bioethics
- Philosophy of Psychology and Psychiatry
- 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

Indigenous Knowledge, History and Heritage

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

Course structure

Level 1 core units and option
- Aboriginal Encounters: Strangers in our Backyard
- Boodjar Moort Katitjin: Introduction to Indigenous Heritage and Knowledge
- Plus one of the following:
  - English Language and Academic Communication I
  - English Language and Academic Communication II

Level 2 core units and option
- Indigenous Knowledge: Mind, Body and Spirit
- Knowing Country: The Dreaming and Darwin
- Plus one of the following:
  - Curatorial Practices
  - Indigenous Representation
  - Indigenous Ways of Knowing 2
  - Looking North: The Wild West

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

Study Abroad

Indonesian Studies

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

Course structure

Level 1 Beginners
- Indonesian 1
- Indonesian 2
- Plus one of the following:
  - Knowing Country: The Dreaming and Darwin
  - Indonesia 4

Level 2 Beginners
- Indonesian 3
- Indonesian 4
- Plus one of the following:
  - Knowing Country: The Dreaming and Darwin
  - Indonesia 4

Level 3 Beginners
- Indonesian 5
- Indonesian 6
- Indonesian Politics and Culture
- Plus one of the following:
  - Knowing Country: The Dreaming and Darwin
  - Indonesia 4

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.

- Students should consult Asian Studies in the School of Social Science 5-6 weeks before enrolling to determine the appropriate major if they are uncertain about the appropriate major for their level of Indonesian.
- This major is incompatible with a pass in Indonesian Background Language ATAR or higher.
- Admission to this major requires a pass in Indonesian Background Language ATAR.
- 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 structure

Level 1 Beginners
- Italian Studies 1
- Italian Studies 2

Level 2 Beginners
- Italian Studies 3
- Italian Studies 4
- Italian Culture in Word and Image: from the Middle Ages to the Risorgimento

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

Level 3 Intermediate
- 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 (runs during the semester break in July)

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

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

study.uwa.edu.au/japanese

Course structure

Level 1 Beginners
- 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
- Japanese 5
- Japanese 6
- Issues in Japanese Society and Culture

Level 1 Pre-intermediate
- 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
- Japanese 7
- Japanese 8
- Issues in Japanese Society and Culture

Level 1 Intermediate
- Japanese 3
- Japanese 4
- Japanese 5
Plus one of the following:
- Asia from Colonial to Modern
- Asian Societies and Cultures

Level 2 Intermediate
- Japanese 5
- Japanese 6
- Issues in Japanese Society and Culture

Study Abroad
- Students may substitute units towards the major from student exchange.

Recommended:

- 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.

- This level is incompatible with a pass in Japanese: Background Language ATAR.

- Admission to this level requires a pass in Japanese: Background Language ATAR. It is incompatible with a pass in Japanese: Second Language ATAR.

Korean Studies

study.uwa.edu.au/korean

Course structure

Level 1 Beginners
- 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
- Korean 5
- Korean 6
- Contemporary Korean Society

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.

- 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.

Linguistics

study.uwa.edu.au/linguistics

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 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

Law and Society

study.uwa.edu.au/law-society

Course structure

Level 1 core units
- Crime and Society
- Law, Conflict and Change

Level 2 core units
- Law in Action
- Law, Advocacy, Activism and Change

Level 3 core units
- Law, Advocacy, Activism and Change
- Law, Conflict and Change
- International Legal Institutions
- Work and the Law

Landscape Architecture

study.uwa.edu.au/landscape

Course structure

Level 1 core units
- Design Studio—Groundings
- Techniques of Visualisation

Level 2 core units
- Design Studio—Future Making
- 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 Natural Systems

Recommended:

- Students should consult the course convenor to discuss whether the should be able to enrol to study for the major.

- Not all units are available every year.
Management

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

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR with a Mathematics unit completed in your first year
Recommended: Mathematics Methods ATAR

Course structure

Level 1 core units
- Management and Organisations
- Organisational Behaviour

Level 2 options
Select two:
- Cultural Foundations of Asian Business
- Human Resource Management
- International Management
- Organisational Learning and Innovation
- Project Management

Level 3 core options
Select four (including at least one from Applied International Business Strategy; Enterprise Systems; or Strategic Management):
- Applied International Business Strategy
- Decision Making
- Enterprise Systems
- Entrepreneurship
- Information Systems Management
- Leadership and Performance
- Managing Organisational Change
- Models of Asian Business
- 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

Marine Science

study.uwa.edu.au/marine-science
handbooks.uwa.edu.au/marinescience

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended: Mathematics Methods ATAR

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

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

Marketing

study.uwa.edu.au/marketing
handbooks.uwa.edu.au/marketing

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR with a Mathematics unit completed in your first year
Recommended: Mathematics Methods ATAR

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

Mathematics and Statistics

study.uwa.edu.au/mathematics
handbooks.uwa.edu.au/mathematics

COURSE REQUIREMENTS

Prerequisites: Mathematics Specialist ATAR and Mathematics Methods ATAR or Mathematics Methods ATAR with additional Mathematics units taken in the first year
Recommended: none

Course structure

Level 1 core units
- Multivariable Calculus
- Mathematical Theory and Methods

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:
- Algebraic Structures and Symmetry
- Complex Systems
- Dynamics and Control
- Geometry
- Network Science
- Random Processes and their Applications
- Scientific and Industrial Modelling
- Spatial Statistics and Modelling
- Statistical Science
- Topology and Analysis

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
Medical Sciences
study.uwa.edu.au/medical-sciences
handbooks.uwa.edu.au/medicalsciences

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR or a Mathematics unit and Chemistry ATAR or a chemistry unit may be required as part of your degree.
Recommended: Mathematics Methods ATAR
Note: quota restrictions apply for this course.

Course structure
Level 1 core units
• Form and Function
• The Facts of Life
• Cell Survival and Communication
• Health and Society

Level 2 core units
• Body Defences
• Blood and Drugs
• Medical Sciences Research Methodologies
• Human Development and Genetics

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
• Cell Survival and Communication
• Essentials of Research in the Health and Medical Sciences
• Health and Society
• Human Development and Genetics

Students without Chemistry ATAR take Introductory Chemistry in their first year.

Medical Sciences Research Methodologies

Music: Electronic Music and Sound Design
study.uwa.edu.au/electronic-music
handbooks.uwa.edu.au/electronic-music

COURSE REQUIREMENTS

Prerequisites: audition to demonstrate a musical background equivalent to Music ATAR
Recommended: Music ATAR

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 Music Studies as their degree-specific major in the Bachelor of Arts or Bachelor of Philosophy (Honours) course must also study:
• Communication Skills in Music
• Video Art: Methods and Means
• Video Art: Experimental Investigations

Microbiology and Immunology
study.uwa.edu.au/microbiology
handbooks.uwa.edu.au/microbiology

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree.
Recommended: Mathematics Methods ATAR and Chemistry ATAR

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 or Bachelor of Philosophy (Honours) course must also study:
• Communicating Science

Music General Studies
study.uwa.edu.au/music-general
handbooks.uwa.edu.au/music-general

COURSE REQUIREMENTS

Prerequisites: audition to demonstrate a musical background equivalent to Music ATAR
Recommended: Music ATAR

Course structure
Level 1 core units
• Practical Studies A
• Practical Studies B

Level 2 core units
• Western Art Music 1 (Renaissance and Baroque)
• Western Art Music 2 (Classical and Romantic)
• 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
• Western Art Music 3 (Modernist and Postmodernist)

Music Specialist Studies
study.uwa.edu.au/specialist-music
handbooks.uwa.edu.au/specialist-music

COURSE REQUIREMENTS

Prerequisites: audition to demonstrate a musical background equivalent to Music ATAR
Recommended: Music ATAR

Course structure
Level 1 core units
• Communication Skills in Music
• Popular Music in Global Perspective

Level 2 core units and option
• Western Art Music 1 (Renaissance and Baroque)
• Western Art Music 2 (Classical and Romantic)
• Western Art Music 3 (Modernist and Postmodernist)

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
• Principle Studies 1
• Principle Studies 2
Natural Resource Management
study.uwa.edu.au/natural-resource-mgmt
handbooks.uwa.edu.au/naturalresourcemgmt

Pathology and Laboratory Medicine
study.uwa.edu.au/pathology
handbooks.uwa.edu.au/pathology

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

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

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

Course structure
Level 1 core units
- Environmental Economics 1
- Geographies of a Global City
Level 1 complementary units
- Communicating Science
- Science, Society and Data Analysis
Level 2 core units
- Environmental Economics 2
- Quantitative Methods in Environmental Management
Level 2 complementary units
- Geographic Information Systems
- Reading Landscapes: People and Processes
Level 3 core units
- Business and the Environment
- Decision Tools for Natural Resource Management
- Environmental Policy and Planning
- Project and Risk Management

Recommended:
- Mathematics Methods ATAR or
- Introductory Chemistry (for students without
  Chemistry ATAR)

Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree.
Recommended: Mathematics Methods ATAR

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

Recommended:
- Advanced Logic
- Aesthetics
- Continental Philosophy: The Origin and Influence of Phenomenology
- Meaning, Truth and Language
- Metaphysics: a User’s Guide to Time Travel
- Moral Theory
- Philosophy East and West

Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree.
Recommended: Mathematics Methods ATAR and Chemistry ATAR

Course structure
Level 1 core units
- Psychology: Behaviour in Context
- Psychology: Mind and Brain
Level 1 complementary units
- Communicating Science
And either:
- Frontiers in Biology and Molecular Biology of the Cell or
- Human Biology I: Becoming Human; and Human Biology II: Being Human or
- Human Biology I: Becoming Human; and Molecular Biology of the Cell
Level 2 core units
- Human Neurobiology
- Physiology of Cells
- Microbiology and Molecular Biology of the Cell
Plus one of the following:
- Cognitive Neuroscience
- Perception and Sensory Neuropsychology
Level 3 core units
- Advanced Neuroscience 1
- Advanced Neuroscience 2
- Comparative Neurobiology
- Neuroscience

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

Prerequisites: none
Recommended: none

Course structure
Level 1 core units
- Microeconomics: Prices and Markets
- Introduction to Critical Thinking
- The Liberal Democratic State
Level 2 core units
- Rise of the Global Economy
- Microeconomics: Policy and Applications
- Biometrics
- Knowledge and the Justification of Belief
- Foundations of Global Political Economy
Level 3 core units
- Economic Policy
- Integrating Philosophy, Politics and Economics

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

Prerequisites: none
Recommended: none

Course structure
Level 1 core units
- Economic Policy
- Integrating Philosophy, Politics and Economics

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

Prerequisites: none
Recommended: none
Physics

study.uwa.edu.au/physics
handbooks.uwa.edu.au/physics

COURSE REQUIREMENTS
Prerequisites: None
Recommended: None

Course structure
Level 1 core units
• Modern Physics
• Physics for Scientists and Engineers

Level 2 core units
• Quantum Mechanics 1 and Electromagnetism
• The Physics of Particles

Level 3 core units
• Electrodynamics and Relativity
• Frontiers in Modern Physics
• Mathematical Physics

Plus one of the following:
• Astrophysics and Space Science
• Quantum Mechanics 2 and Atomic 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:
• Mathematical Methods 3
• Mathematical Theory and Methods
• Multivariable Calculus

Physiology

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

COURSE REQUIREMENTS
Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended: Mathematics Methods ATAR and Chemistry ATAR

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

Students who do not have Mathematics ATAR or WACE Mathematics 2C/2D must take:
• Mathematics Fundamentals

Students who do not have Chemistry ATAR must take:
• Introductory Chemistry

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

Population Health

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

COURSE REQUIREMENTS
Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended: None

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

Political Science and International Relations

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

COURSE REQUIREMENTS
Prerequisites: None
Recommended: None

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 Evolution of International Order
• The Politics of Gender

Level 3 options
Select three:
• Australian Foreign Policy
• Contemporary Political Theory
• Democratisation in Asia
• Elections, Mass Media and Politics
• Global Environmental Politics
• Islam and World Politics
• Political Science Internship
• Politics in Greater China
• Social Movements and the Politics of Change
• South Asia and the Middle East: Foreign Relations and Politics
• The International Politics of Africa

Professional Economics (double major)

study.uwa.edu.au/professional-economics
handbooks.uwa.edu.au/professionaleconomics

COURSE REQUIREMENTS
Prerequisites: Mathematics Applications ATAR with a Mathematics unit completed in your first year
Recommended: Mathematics Methods ATAR

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 from Economic Policy, International Finance, or International Trade):
• Advanced Mathematics for Economists
• Development Economics
• Econometrics
• Economic Policy
• Finance and Economics for Minerals and Energy
• Game Theory and Strategic Thinking
• Health Economics
• History of Economic Ideas
• International Finance
• International Trade
• Monetary Economics
• 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
• Marketing Management
• Organisational Behaviour
Psychological Science

study.uwa.edu.au/psychological-science
handbooks.uwa.edu.au/psychologicalscience

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree.
Recommended: Mathematics Applications ATAR

Course structure

Level 1 core units
- Psychology: Behaviour in Context
- Psychology: Mind and Brain

Students who do not have Mathematics ATAR or WACE Mathematics 2C/2D must take:
- Mathematics Fundamentals

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

Psychology (double major)

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

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree.
Recommended: Mathematics Applications ATAR

Course structure

Level 1 core units
- Psychology: Behaviour in Context
- Psychology: Mind and Brain

Students who do not have Mathematics ATAR or WACE Mathematics 2C/2D must take:
- Mathematics Fundamentals

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: Challenges and Controversies
- Psychology: Specialist Research Topics
- Plus four of 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

Psychology in Society

study.uwa.edu.au/psychology-in-society
handbooks.uwa.edu.au/psychologysociety

COURSE REQUIREMENTS

Prerequisites: none
Recommended: none

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: Challenges and Controversies
- 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

Science Communication

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

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree.
Recommended: Mathematics Applications ATAR
Note: This major is only available as a second major via the Bachelor of Biomedical Science or the Bachelor of Science

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

study.uwa.edu.au/spanish
handbooks.uwa.edu.au/spanish

COURSE REQUIREMENTS

Prerequisites: none
Recommended: none

Course structure

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
- Spanish Studies 5
- Spanish Studies 6

The Spanish Studies major requires no previous knowledge of Spanish. 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.

Sport Science

study.uwa.edu.au/sport-science
handbooks.uwa.edu.au/sportscience

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended: Mathematics Methods ATAR

Course structure

Level 1 core units
- The Musculoskeletal System and Movement
- Applied Anatomy and Athletic Performance
- Human Biology I: Becoming Human
- Human Biology II: Being Human
- Physical Fitness and Health

Students who do not meet the Mathematics prerequisite must take:
- Mathematics Fundamentals

Level 2 core units
- Motor Learning and Control
- Biomechanics in Sport and Exercise
- Exercise Physiology
- Psychosocial Aspects of Sport, Exercise and Health
- Promoting Lifelong Physical Activity

Level 3 core units and option
- Exercise Prescription and Nutrition for Health and Fitness
- Lifespan Motor Development
- Biomechanical Principles
- Sport Physiology
- Professional Practice Part 1
- Professional Practice Part 2

Plus one of the following:
- Psychology of Sport
- Coaching Psychology

Sport Science, Exercise and Health (double major)

study.uwa.edu.au/sport-sci-exercise-health
handbooks.uwa.edu.au/sports-exercise

COURSE REQUIREMENTS

Prerequisite: Mathematics Applications ATAR or an additional Mathematics unit will be required as part of your degree
Recommended: Mathematics Methods ATAR

Course structure

Level 1 core units
- Frontiers in Biology
- Plant and Animal Biology

Level 1 complementary units
- Communicating Science
- Science, Society and Data Analysis

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

Zoology

study.uwa.edu.au/zoology
handbooks.uwa.edu.au/zoology

COURSE REQUIREMENTS

Prerequisites: Mathematics Applications ATAR or a Mathematics unit will be required as part of your degree
Recommended: Mathematics Methods ATAR

Course structure

Level 1 core units
- Frontiers in Biology
- Plant and Animal Biology

Level 2 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

Work and Employment Relations

study.uwa.edu.au/employment-relations
handbooks.uwa.edu.au/employmentrelations

COURSE REQUIREMENTS

Prerequisites: none
Recommended: none

Course structure

Level 1 core units
- Frontiers in Biology
- Plant and Animal Biology

Level 2 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
Join us on campus in 2019

**Course Information Evening**
Join us for tips and tricks on keeping your options open through subject selection and ATAR maximisation; learn about UWA courses, practical opportunities and the UWA student life.

Our Future Students team, academics, alumni and current students will be available to answer your questions.

18 March

**Individual Advisory Sessions**
These one-on-one school-holiday sessions are designed to answer your questions about future study.

Bookings are essential because session numbers are strictly limited. Parents and guardians are welcome to attend.

- Years 10-11: 15-17 April
- Year 12: 15-17 July

**Campus Tours**
Join our current students on a tour of the UWA grounds followed by morning tea with the Future Students team who will answer any questions.

18 April, 10 June, 8 July

**UWA Open Day**
Discover how you can achieve your study and career goals with us.

Explore our campus, talk to staff and current students, and enjoy a range of fun activities.

- Perth campus: 4 August
- Albany campus: 22 August

**UWA Information Roadshow**
Talk to our friendly Future Student Advisers about your study plans and get answers to all your questions.

Find out about UWA courses, entry requirements, mature-age entry and alternative entry pathways.

- South of the river: 7 May
- North of the river: 9 May

**TISC Information Evening**
What is TISC and how does it work?

This session is designed to assist Year 12 students to make the most of their ATAR score and help them get into their preferred course at UWA.

20 August

**A Day at UWA**
Experience a day in the life of a UWA student. Explore university life and your possibilities at UWA through practical activities from various learning areas.

- Year 9: 1 October
- Year 10-11: 8 October

study.uwa.edu.au/events
For more information contact 131 UWA
# Study plan

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

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

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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.
Terminology

Here are some common terms you’ll come across when studying at uni.

**Accreditation**
Accreditation is the process by which a course or training program is officially recognised and approved. Different institutions in Australia are accredited by different bodies, depending on the level of study and the type of institution.

**Australian Tertiary Admission Rank (ATAR)**
A rank that determines a student’s position relative to other students. An ATAR ranges between zero and 99.95.

**Bachelor’s degree**
An academic degree awarded for an undergraduate course usually upon completing at least three years of tertiary study.

**Co-requisite**
A unit that must be taken at the same time as another unit is taken; or must have been successfully undertaken before the other unit is undertaken.

**Domestic student**
You are considered a domestic student if you are an Australian citizen, an Australian permanent resident or a New Zealand citizen.

**Faculty**
A faculty is a university division responsible for administrating teaching and learning in a particular area of knowledge. Faculties include schools and centres within that teaching area.

**Full-time study**
At least a 75 per cent study load (that is, three or four units) per semester.

**HECS and HECS-HELP**
This allows eligible students in a Commonwealth-supported place to defer payment of their student contribution by taking out an interest-free government loan. Compulsory repayment of HECS and HECSHELP loan begins when annual income exceeds a minimum threshold amount. Repayments are made through additional tax being deducted.

**Honours**
An additional year of full-time (or equivalent part-time) study undertaken on completion of a bachelor’s degree that includes coursework and a research dissertation.

**Lab**
A class that takes place in a laboratory. Labs are practical classes involving experiments, investigation, construction, observation or testing.

**Lecture**
A class which involves the presentation of a particular topic, idea or subject to a large group of students. Lectures normally run for about 45 minutes and many are recorded so you can revise later.

**Major**
An area of specialisation which comprises an approved sequence of eight units within an undergraduate degree course.

**Part-time study**
Enrolling in less than a 75 per cent study load (that is, only one or two units) per semester.

**Postgraduate**
A term which refers to a university student who has completed their bachelor’s degree and is studying towards their second degree (such as a master’s degree).

**Prerequisite**
A subject or condition a person must satisfy before gaining entry to a unit or course.

**STEM**
An acronym meaning Science, Technology, Engineering and Mathematics.

**Tertiary Institutions Service Centre (TISC)**
TISC processes university applications on behalf of WA’s four public universities.

**Tutorial**
A small class involving discussion which is facilitated by a tutor on a particular topic or idea (usually what has previously been presented in a lecture).

**Undergraduate**
A term which refers to a university student who is studying towards their first degree (bachelor’s degree).

**Unit**
A subject usually studied for the duration of one semester. Units normally involve different classes such as lectures, tutorials, seminars, and labs.
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