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

Pursue excellence at a World Top 100 university

It’s an exciting time to be a student at The University of Western Australia and I am delighted to invite you to join us.

Our University is inspired by our motto, Seek Wisdom. We believe that education is more than learning a subject. Real wisdom comes from seeking to understand yourself and the world around you. That’s why we provide you with a unique learning environment that goes beyond the classroom.

UWA is ranked 88 in the world by the internationally respected Academic Ranking of World Universities and is one of only 10 universities worldwide to be awarded a ‘Five Stars Plus’ rating in the QS Stars University Ratings.

We earned these endorsements for our internationalism, research, teaching, facilities and access. We are recognised globally as a University that produces outstanding results—including a Nobel Prize.

Included in our Alumni are an Australian Prime Minister, an Indonesian Vice-President, ambassadors, CEOs of major companies and inventors of breakthrough technologies. When you join UWA, you too will become part of an engaging national and global network of students, graduates, friends and industry partners. These interactions will stay with you beyond your studies and benefit you for life.

You will learn within an inspiring, research intensive environment, alongside researchers who focus on issues relevant to our communities and generate solutions of global value.

You will also have the opportunity to enjoy an exceptional university experience. Our campus is located minutes from the Perth CBD, on the banks of the Swan River. There are beautiful grounds to explore, an exciting social, cultural and sporting life. You can go on an international student exchange, join clubs and societies and even live on campus.

At UWA we aspire to be recognised as one of the world’s top 50 universities. If you too are determined to pursue what might seem impossible, join us at The University of Western Australia.

Professor Paul Johnson
Vice-Chancellor
HAVE AN AMAZING STUDENT EXPERIENCE

There are over 25,000 students from 109 countries enrolled at UWA. Our campus is a village community with everything you could need, from cafes and sporting facilities to a pharmacy, bank, bookstore and hairdresser as well as museums and art galleries. UWA has over 80 clubs and societies you can join to make new friends with shared interests.

LEARN FROM PRACTICAL EXPERIENCES

UWA offers many practical learning experiences both within and outside the classroom. Courses such as Engineering, Design, Commerce and Science offer countless experiences to work on real-world challenges with industry representatives. Our Arts course offers a practicum where students can work on a supervised project in a workplace of your choice and UWA students participate in Enactus, a non-profit organisation that is driven by students and their shared passion to make a positive impact on pressing issues in our community.

PURSUE EXCELLENCE WITH A GLOBAL QUALIFICATION

UWA is the only WA university to rank in the World Top 100 in the internationally recognised Academic Ranking of World Universities and is one of 10 universities worldwide to be awarded a Five Stars Plus rating in the QS Stars University Ratings.

From our achievements in ground-breaking research to the calibre of our academic staff and our innovative course structure, you will receive an education in line with international best practice.

APPLY FOR A SCHOLARSHIP

In 2015, UWA will award more than $5 million in scholarships to undergraduate students to assist them to realise their potential. As well as academic merit scholarships, there are scholarships for students from rural and remote areas, students with a disability and for those experiencing financial hardship or other educational disadvantages.

BE THE GRADUATE EMPLOYERS PREFER

UWA graduates are in demand as a UWA degree is internationally recognised and leads to our graduates being highly sought after in the competitive global job market.

Our graduates exceed WA and national average starting salaries. You can be confident that your UWA degree will be an investment in your future—both financially and intellectually.

BE SUPPORTED

UWA’s extensive range of student services will help you with the various challenges involved with settling into university life, by supporting you both academically and personally. Student Services aims to help you study smarter, not harder.

SEE THE WORLD WHILE YOU STUDY

Explore a world of opportunities with the UWA Student Exchange Program, which allows you to study at one of our 130 partner universities across the world for one or two semesters while still gaining credit towards your UWA degree.

WHY STUDY AT A TOP 100 UNIVERSITY?
Simply apply through the Tertiary Institutions Service Centre (TISC) and make UWA your first preference. You will meet like-minded people and each first-year student can be linked with a mentor to help you get the most from your studies and your life at university.

**ACCESS STATE-OF-THE-ART FACILITIES**

UWA’s Engineering Zone initiative will result in a $400 million multidisciplinary education and research facility that will represent the largest investment in engineering education in WA’s history.

**EQUITY AND ACCESS**

Alternative entry schemes allow you to be considered for entry to UWA if your results in one of our standard entry pathways are not sufficient for you to gain admission to a course. Talk to us about entry options. We are here to help you.

**BECOME PART OF OUR WORLDWIDE ALUMNI**

When you study at UWA you join our extended family of students, friends, industry and alumni, which includes over 108,000 graduates, 12,000 of whom live overseas. As a UWA student, you will become part of this network and make contacts that will benefit you long into your future.

**CHOOSE UWA**

Simply apply through the Tertiary Institutions Service Centre (TISC) and make UWA your first preference. You will meet like-minded people and each first-year student can be linked with a mentor to help you get the most from your studies and your life at university.
GET A GREAT JOB

www.careers.uwa.edu.au/students/prospects

UWA’s undergraduate cohort is the most academically talented of any West Australian university and rates among the highest in Australia.

In the Federal Government’s annual Graduate Destination Survey (GDS), UWA graduates consistently rank as the most employable in Western Australia. According to the survey, UWA bachelor’s degree graduates—
  - experience a higher full-time employment rate; and
  - consistently achieve higher starting salaries.

Our faculties have forged strong industry partnerships with a wide range of organisations to provide you with practical, real-world experiences alongside a strong theoretical understanding. This hands-on learning approach makes UWA graduates highly valued by employers.

UWA thinks globally in preparing students to be citizens of the world and has formal agreements with more than 300 institutions around the world. These partnerships promote internationalism and a lively exchange of staff, students, knowledge and ideas.

A UWA degree will link you with like-minded graduates who are creative, original and enterprising.

With the help of our Careers Centre, you will not be alone in your job search, whether you are interested in part-time work while studying or developing a long-term career plan.

With international excellence and critical thinking at the heart of all UWA degrees, our graduates are leaders in all fields of endeavour at home and abroad. Many have risen to prominence in leadership, roles in industry, government, education and the professions.

Graduate skills

UWA graduates have many of the skills that employers want:
- Written and oral communication
- Analytical
- Problem-solving and critical thinking
- Decision making
- Creative thinking
- Cooperation and teamwork
- An openness to new ideas
- An ability to work independently
- The capacity to apply knowledge to new situations

Employment rates of bachelor’s degree graduates*

Graduate starting salaries*

* Parameters: domestic students, first full-time job, under 25, course type in bachelor and diploma. Number of students working full-time and part-time and not seeking a full-time job over students who are unavailable for work or study.

Source: Australian Graduate Survey 2014

Parameters: domestic students, first full-time job, under 25, working, median salary between $22,499 and $100,001, course type in bachelor and diploma.
We understand that starting your university journey involves many challenges. Whether you wish to make new friends, are looking for a place to live, or need advice on academic, personal or career matters, our Student Services team can assist you throughout your studies.

Our First Year Coordinators and First Year Advisers understand the issues you may face as a new student and can provide advice and support to help you with your transition.

**UniStart** helps to connect you with the UWA community so you can find your way around campus before university begins and access other services when you need them. [www.firstyear.uwa.edu.au](http://www.firstyear.uwa.edu.au)

**UniSkills** offers support and activities to help you transition into university, particularly if you are finding it challenging. It is also beneficial if you are new to Perth, returning to study after a break or from a school where not many of your peers are studying at UWA. [www.uniskills.uwa.edu.au](http://www.uniskills.uwa.edu.au)

**UniAccess** assists students with disabilities and medical conditions to access a wide range of services and facilities to ensure you can participate fully in university life—this may include sourcing assistive technologies or organising alternative examination arrangements. [www.uniaccess.uwa.edu.au](http://www.uniaccess.uwa.edu.au)

**STUDYSmarter** can help you to improve your study habits and learn more effectively. There are various learning groups, workshops and online resources available, including research techniques, time management, public speaking, assignment preparation and numeracy skills. [www.studysmarter.uwa.edu.au](http://www.studysmarter.uwa.edu.au)

UWA’s extensive range of student services will help you settle into university life by supporting you both academically and personally. Student Services aims to help you succeed in your studies and make the most of your university experience.

The **Student Financial Aid Service** is a free and confidential service for UWA students. The Service can help you find financial assistance for emergencies and unforeseen circumstances or meet education-related expenses. You can also access information to help with income support, budgeting and the costs of undertaking study abroad, as part of your degree. [www.studentfinance.uwa.edu.au](http://www.studentfinance.uwa.edu.au)

UWA’s **counselling and psychological service** provides professional and confidential services free of charge to UWA students. Referral to other specialist services, both on and off campus, is also available. [www.counselling.uwa.edu.au](http://www.counselling.uwa.edu.au)

UWA has an on-campus **Medical Centre** which provides convenient, comprehensive and confidential medical care for students. [www.student.uwa.edu.au/life/health/medical-centre](http://www.student.uwa.edu.au/life/health/medical-centre)

The University’s **Housing Office** provides advice and general information about accommodation options, housing issues and tenancy law. An online accommodation database is also available once you have accepted your offer from UWA. [www.housing.uwa.edu.au](http://www.housing.uwa.edu.au)

UWA has **chaplains** on campus who provide pastoral care and spiritual guidance. [www.spirituallife.uwa.edu.au](http://www.spirituallife.uwa.edu.au)

The **UWA Early Learning Centre** is licensed to provide long daycare for children aged from six weeks to five years of age on a part-time or full-time basis. [www.studentservices.uwa.edu.au/ss/childcare](http://www.studentservices.uwa.edu.au/ss/childcare)

It is never too early to start thinking about and planning for your future career. Our Careers Centre can assist you to develop your long-term career plan, find part-time employment while studying, improve your résumé and interview skills and meet future employers at career expos. [www.careers.uwa.edu.au](http://www.careers.uwa.edu.au)
The University of Western Australia offers more than 400 scholarships each year to undergraduate students from all walks of life.

The University has a long tradition of promoting, recognising and rewarding excellence within our community and is committed to ensuring equity and access for all students – not just high achievers or those with the capacity to pay.

In 2016, there will be in excess of $5 million in scholarships available to undergraduate students to assist them to realise their potential. In addition to academic scholarships, there are many scholarships available for students experiencing financial hardship, living with a disability, originating from a rural or remote area or those who have experienced other educational disadvantages.

Eligibility varies, however UWA’s wide range of scholarships provide commencing students with many opportunities to apply.

Scholars who achieve an outstanding ATAR of 99.90 or higher, receive an automatic scholarship valued at $5000 per annum for up to four years. From 2016, these scholarships will be called the UWA Winthrop Scholarships.

UWA also has many scholarships available to Indigenous Australians commencing in an undergraduate degree or the Aboriginal Orientation Course.
UWA’s five residential colleges each offer a unique and valuable dimension to your UWA experience. Living on ‘College Row’ provides you with a world-class living and learning environment. The colleges provide academic support, a full calendar of sporting, cultural and social events, leadership opportunities and fantastic facilities in a warm and welcoming home away from home.

Each college has its own distinct culture and we encourage you to visit each college website to learn more. You can apply to live at a UWA residential college through the central online application portal. A link to the portal can be found via the UWA website.

To see which college suits you best, contact each college directly for full details and information:

- **UNIVERSITY HALL**
  www.unihall.uwa.edu.au

- **ST CATHERINE’S COLLEGE**
  www.stcatherines.uwa.edu.au

- **ST GEORGE’S COLLEGE**
  www.stgeorgescollege.com.au

- **ST THOMAS MORE COLLEGE**
  www.stmc.uwa.edu.au

- **TRINITY**
  www.trinity.uwa.edu.au

College life gives you an immediate sense of belonging and an instant circle of friends from across Australia and around the world.
The UWA Student Exchange Program offers students the opportunity to study overseas at renowned universities for one or two semesters while still gaining credit towards a UWA degree. Some short-term options are also available.

Benefits of participating in student exchange include:

**Academic benefits**
- You can take courses related to your degree which are not available at UWA. For example, the University of Otago offers courses in International and Native Title Law.
- You can study at other outstanding universities that are also international leaders in their chosen research fields.

**Employment benefits**
- Gain a competitive edge in the international workforce.
- Your achievement in a different academic and cultural environment will show employers you are flexible, adventurous and a self-starter.
- You may be able to gain invaluable experience for future employment through vacation internships in your area of study offered by some universities.

**Personal benefits**
- Travel within the host country and further afield with local students or other international students.
- Meet people from around the globe and develop new friendships.
- Increase independence and confidence.
- Contribute to, and work within, the international community.
<table>
<thead>
<tr>
<th>Partner universities</th>
<th>FINLAND</th>
<th>FRANCE</th>
<th>MALAYSIA</th>
<th>NEW ZEALAND</th>
<th>UNITED KINGDOM</th>
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<tr>
<td>University of Helsinki</td>
<td>Aalto University</td>
<td>Charles de Gaulle University (Lille III)</td>
<td>University of Science Malaysia</td>
<td>University of Otago</td>
<td>Cardiff University</td>
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<td>Partner universities of Denmark</td>
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<td>ESSEC Business School</td>
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<td>University of Limoges</td>
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<td>International Study Centre, Herstmonceux Castle, UK (Queen's University, Canada)</td>
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<td>Technical University of Denmark</td>
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<td>Willamette University</td>
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*The list of partner universities is subject to change.*

Refer to [http://www.globalstudio.uwa.edu.au/?go=exchangepartners](http://www.globalstudio.uwa.edu.au/?go=exchangepartners) for the most up-to-date information.
Commonwealth-supported students are required to make a contribution to the cost of their course. This contribution ensures that the quality of the University's degrees is maintained at the highest level, and provides support for a range of access and equity initiatives.

For Australian citizens and humanitarian visa holders, the contribution can be deferred through the Australian taxation system via the Federal Government’s HECS-HELP loan scheme, or paid directly to the University. Students who are offered a HECS-HELP loan do not need to pay any of their student contribution directly to UWA but may, if they choose, make partial payments. Partial payments of $500 or more and full upfront payments qualify for a 10 per cent discount.

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.

**How much is the student contribution?**

At UWA, courses comprise a number of units. A standard unit is worth six (6) credit points. Full-time students usually study four 6-credit-point units in a semester for a total of eight 6-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 an individual’s student contribution each semester depends on the mix of units in which they are enrolled.

### 2015 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>
<th>Discounted amount for upfront payment for a 6-credit-point unit</th>
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</thead>
<tbody>
<tr>
<td>Humanities, behavioural science, foreign languages, social studies, visual and performing arts and education, nursing</td>
<td>$6152.00</td>
<td>$769.00</td>
<td>$692.10</td>
</tr>
<tr>
<td>Agriculture, built environment, computing, engineering, health and surveying, pharmacy, mathematics, statistics, science (natural and physical)</td>
<td>$8768.00</td>
<td>$1096.00</td>
<td>$986.40</td>
</tr>
<tr>
<td>Accounting, administration, commerce, dentistry, economic, law and medicine</td>
<td>$10,266.00</td>
<td>$1283.00</td>
<td>$1154.70</td>
</tr>
</tbody>
</table>

*Discounted rates apply only to Australian citizens and permanent humanitarian visa holders. New Zealand citizens and permanent residents must pay the student contribution in full, direct to the University.*

*Subject to the passage of legislation from 1 January 2015, the Australian Government may discontinue the HECS-HELP discount of 10 per cent for up-front student contribution payments of $500 or more.*

### 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. www.studyat.uwa.edu.au/fees
OUR STUNNING CAMPUS

UWA's beautiful mix of heritage buildings and contemporary architecture house state-of-the-art teaching and research facilities, providing the perfect learning environment.

Perth campus
Nestled on the Swan River and only minutes from the city, UWA’s main campus in Crawley is often described as one of Australia’s most picturesque campuses.

The UWA campus is like a small town with a population of over 20,000 students and 3500 staff. There are cafes, libraries, sporting facilities, galleries and shops, along with internet and network access for UWA students via our campus-wide wireless network.

UWA’s location is easily accessible by public transport, and its close proximity to the city and nearby Claremont, Subiaco, Leederville and Fremantle means that you are close to shopping, beaches, parks, nightlife and sophisticated, multicultural events.

The Albany Centre
Situated on the southern coast of Western Australia, Albany is about a five-hour drive from Perth. The UWA Albany Centre allows you to experience all that regional WA has to offer while studying at a world-class university.

Located in Albany’s historic Old Post Office building, the Centre offers students a high-tech flexible learning environment with multimedia technology allowing Albany students to experience Perth lectures over the internet. Well-qualified local tutors also provide small classes with face-to-face interactive teaching and learning.

The Albany Centre provides an excellent transition year for country school leavers who wish to commence university without the added stress and expense of moving to the city. For city students, studying at the Albany Centre offers a ‘sea change’ experience that will bring a whole new perspective to studying.

Enrolment options include a first-year or full degree enrolment in a range of courses.

www.albany.uwa.edu.au
OUR ENTRY PATHWAYS

START HERE

HAVE YOU UNDERTAKEN ANY TERTIARY STUDY?

WESTERN AUSTRALIAN CERTIFICATE OF EDUCATION

If you are currently completing Western Australian Certificate of Education (WACE) examinations, you must satisfy these requirements to be considered for admission to UWA:

- achieve the Western Australian Certificate of Education (WACE)
- achieve English language competence
- satisfy any prerequisites for entry into a particular major
- obtain a sufficiently high Australian Tertiary Admission Rank (ATAR) to gain a place in the degree course

OTHER SCHOOL-LEAVING QUALIFICATIONS

If you have completed another qualification considered equivalent to the WA Certificate of Education, you will compete for a place on the basis of your school-leaving qualification (converted to an equivalent ATAR). This includes:

- other Australian state education systems
- International Baccalaureate Diploma
- New Zealand NCEA
- GCE A-levels
- US College Board Advanced Placement subjects

You must satisfy prerequisite and English language competence requirements as specified by the UWA Admissions Centre (see table on page 14).

DO YOU MEET THE UWA ENGLISH LANGUAGE COMPETENCY REQUIREMENTS?

(SEE PAGE 13 FOR MORE INFORMATION)

SIT A UWA APPROVED ENGLISH TEST

(SEE PAGE 13 FOR MORE INFORMATION)

OTHER QUALIFICATIONS

Other qualifications are assessed on an individual basis. If you have any questions as to whether your educational background is appropriate for entry to UWA, contact the Admissions Centre for individual advice.

ARE YOU CURRENTLY STUDYING?

MATURE-AGE ACCESS PROGRAM (UWA-MAP)

Mature-age applicants who do not have sufficient qualifications to be admitted under other mature-age pathways may be eligible for entry under the Mature-age Access Program.

studyat.uwa.edu.au/map

ARE YOU 20 YEARS OLD OR ABOVE?

MATURE-AGE ATAR OR PREVIOUS SECONDARY SCHOOL QUALIFICATION

Mature-age students may compete for entry on the basis of an ATAR calculated from scaled scores in four WACE courses (you will be exempt from the Certificate of Education requirement) or have a Mature-age ATAR calculated from two WACE courses.

To be considered for admission using a Mature-age ATAR you must—

- complete two eligible WACE courses in one year;
- achieve English language competence;
- satisfy the prerequisites for entry to a particular major; and
- obtain a sufficiently high ATAR to gain a place in the degree course.

DO YOU MEET THE UWA MATHS REQUIREMENTS FOR YOUR COURSE?

(SEE PAGE 13 FOR MORE INFORMATION)

CONTACT UWA ADMISSIONS CENTRE

APPLY TO UWA

(SEE PAGE 15 FOR DETAILS ON HOW TO APPLY)
English language competence
Successful university study demands a high level of English language skills. For this reason, all applicants must demonstrate satisfactory performance in a UWA-approved test of English.

For school leavers, the requirement is a scaled score of 50 or more in Stage 2 or Stage 3 WACE English, English as an Additional Language/Dialect or Literature, 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 www.studyat.uwa.edu.au/elc

Mathematics requirements
A scaled score of 50 or more in WACE Mathematics 2C/2D or Mathematics Applications: ATAR, or equivalent course, is required as the minimum to satisfy the prerequisites for some majors. If, however, WACE Mathematics 3A/3B or 3C/3D or Mathematics Methods: ATAR or Mathematics Specialist: ATAR is a recommended level for your major you may be required to undertake additional mathematics study in your degree.

Alternative entry pathways
BROADWAY UWA
The Broadway UWA entry scheme allows students from designated schools to gain admission to the University if their ATAR is slightly below the usual minimum score. www.studyat.uwa.edu.au/broadway

FAIRWAY UWA
Fairway UWA allows selected students to gain entry to the University through participation in a program of support and activities throughout Year 12. www.studyat.uwa.edu.au/fairway

INDIGENOUS STUDENTS
The School of Indigenous Studies provides opportunities to study at the University for Indigenous applicants from a wide variety of educational backgrounds who do not meet the standard admission requirements outlined in this publication. For information on the various programs available, contact the School of Indigenous Studies. www.sis.uwa.edu.au

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. These disadvantages include:
- rural isolation
- lack of a supportive study environment at home
- having to care for family members
- having to engage in excessive part-time employment to help with the family income
- disruption of education due to frequent family relocation or difficult migrant passage
- a period of illness, now over or abating
- bereavement

UWay application forms are sent to all WA secondary school principals in August and are also available from the UWay website. Check the website for closing dates and details of the application process. In addition, special consideration is given to exceptional cases on an individual basis prior to each round of offers. For WACE students, the basis of the appeal would usually be outside the scope of a Curriculum Council Sickness and Misadventure claim. www.studyat.uwa.edu.au/uway

AQF/TAFE QUALIFICATIONS
Australian Qualifications Framework/TAFE or Institute of Technology qualifications at diploma level or above will be considered for entry to UWA. You will still need to satisfy English language competence and prerequisite requirements to be eligible for consideration.

SPECIAL TERTIARY ADMISSION TEST (STAT)
Mature-age applicants who have never undertaken tertiary study may use good results in the STAT to gain entry to the Bachelor of Arts, Bachelor of Commerce, Bachelor of Design or Bachelor of Science. Any prerequisites for specific majors must also be satisfied. The STAT is run by TISC (www.tisc.edu.au) in Western Australia.

PRIOR TERTIARY STUDY
Applicants with previous or current tertiary study—minimum four units passed—may apply for entry to UWA. You must satisfy the University’s English language competence requirement and meet any prerequisites for majors. Applications for credit transfer/advanced standing are assessed individually by faculties. Note that the gaining of credit for previous academic work is a separate process from selection and admission to the University.

PRIOR WACE
Applicants who have completed WACE or equivalent may be eligible for entry using their ATAR.
### Year 12 equivalent courses

<table>
<thead>
<tr>
<th>AUSTRALIAN CAPITAL TERRITORY</th>
<th>NEW SOUTH WALES</th>
<th>QUEENSLAND</th>
<th>SOUTH AUSTRALIA/ NORTHERN TERRITORY</th>
<th>TASMANIA</th>
<th>VICTORIA</th>
<th>INTERNATIONAL BACCALAUREATE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENGLISH/ENGLISH LITERATURE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English World Literature (0110)</td>
<td>English Standard (15130)</td>
<td>English Extension Literature (0001)</td>
<td>English Studies (2END20 or 2EGS2)</td>
<td>English Communication (ENC)</td>
<td>English (EN)</td>
<td>Language A: Literature (SL or HL)</td>
</tr>
<tr>
<td>English Advanced (15140)</td>
<td>English (0001)</td>
<td>English Extension Literature (0002)</td>
<td>English Communications (2ECS20 or 2ECP2)</td>
<td>English Studies (ENS)</td>
<td>English Language (EG)</td>
<td>Language A: Language and Literature (SL or HL)</td>
</tr>
<tr>
<td>English Extension 1* or 2* (15160/15170)</td>
<td>English (2END20 or 2EGS2)</td>
<td>English Communications (2ECS20 or 2ECP2)</td>
<td>English (2ENP2)</td>
<td>English Writing (ENW)</td>
<td>English Writing (ENW)</td>
<td></td>
</tr>
</tbody>
</table>

| **ENGLISH AS AN ADDITIONAL LANGUAGE/DIALECT** |                |             |                                     |          |          |                             |

| **MATHEMATICS 2C/2D** |                |             |                                     |          |          |                             |
| Mathematics (7) (1021) | Mathematics Extension 1* (15250) | Mathematical Methods (2MHD20 or 2MME2) |                            |                      |                      |                             |

| **MATHEMATICS 3C/3D** |                |             |                                     |          |          |                             |

| **MATHEMATICS SPECIALIST 3C/3D** |                |             |                                     |          |          |                             |
| Specialist Mathematics (Double Major) (1010) | Mathematics Extension 2 (15260) | Mathematics C (0038) | Specialist Mathematics (2MSC20 or 2MSL2) | Mathematics Specialised (MTS) | Specialist Mathematics (NS) | Mathematics (HL) |
| Mathematics Specialist (Double Major) (1010) | Mathematics Extension 2 (15260) | Mathematics C (0038) | Specialist Mathematics (2MSC20 or 2MSL2) | Mathematics Specialised (MTS) | Specialist Mathematics (NS) | Mathematics (HL) |

| **CHEMISTRY** |                |             |                                     |          |          |                             |
| Chemistry (2020) | Chemistry (15050) | Chemistry (0040) | Chemistry (2CM20 or 2CHM2) | Chemistry (CHM) | Chemistry (CH) | Chemistry (SL or HL) |

| **PHYSICS** |                |             |                                     |          |          |                             |
| Physics (2010) | Physics (15330) | Physics (0041) | Physics GPYS20 or 2PHY2) | Physics (PHY) | Physics (PH) | Physics (SL or HL) |

| **PASS = SCALED SCORE OF 50 OR MORE** |                |             |                                     |          |          |                             |
| PASS = scaled mark of 125 or above | PASS = sound achievement (SA), high achievement (HA) or very high achievement (VHA) | PASS = subject achievement grade of C- or score of 10 or above. Must be TAS (2011) or HESSG (pre 2011) or PES/PAS (pre-2008) | PASS = satisfactory achievement (SA), commendable achievement (CA), high achievement (HA) or exceptional achievement (EA) | PASS = score of 25 or above (must be unit 3/4 sequences) | PASS = score of 4 or above, standard level (SL), PASS = score of 3 or above higher level (HL), except for * = score of 5 or above |                             |
START HERE

IF YOU WANT TO STUDY AT THE UNIVERSITY OF WESTERN AUSTRALIA, HERE ARE SOME STEPS TO MAKE APPLYING EASIER.

FIND A COURSE

Research your course options on our website www.studyat.uwa.edu.au or by visiting us in person. You can also visit the Tertiary Institutions Service Centre (TISC) website www.tisc.edu.au or obtain a copy of the 2016 TISC Guide.

CHECK THE ENTRY REQUIREMENTS

Entry to most courses at The University of Western Australia is assessed on the basis of your ATAR (or equivalent) but it is important you check for additional selection criteria which may apply to some UWA courses and pathways. See pages 12 and 13 for more information about entry requirements. You should also check the prerequisite requirements for your area of interest.

INVESTIGATE YOUR ENTRY OPTIONS

The University of Western Australia offers a number of special entry pathways for students who have been disadvantaged while completing studies at school. See page 13 for more information.

VISIT US

Before submitting your university application, it is a good idea to visit the universities you’re interested in. UWA’s Open Day (on 9 August 2015) is a fantastic opportunity for you and your family to get a taste of life at the University. If you can’t make it to Open Day, you can make an appointment to speak with one of our Prospective Students Advisers by phoning (08) 6488 2477 or contacting us at www.ask.uwa.edu.au.

APPLY THROUGH TISC

Once you have selected your UWA courses you will need to submit your application through the TISC website www.tisc.edu.au. On-time applications are due by 30 September 2015. You may submit up to six preferences, but you will only receive one offer (for your highest eligible preference).

RESULTS AND CHANGE OF PREFERENCE

Once you have received your final Year 12 results and ATAR you will have a small window of time to change your preferences. This can be done online via the TISC website. The staff in the UWA Admissions Office are available during this period to answer your questions about changing preferences and entry requirements. You should contact the University with any questions you have about your situation.

OFFERS ARE RELEASED

If you receive an offer you will be given detailed instructions on how to accept or defer your place, and how to get started on your UWA journey. Main Round offers are released on 20 January 2016, with Second Round offers available on 3 February.

MID-YEAR

If you would like to apply for Semester 2, 2015 visit www.studyat.uwa.edu.au/applynow
UWA’s course structure has been designed to offer you flexibility with your study program.

The University’s five undergraduate degrees are:
- Bachelor of Arts
- Bachelor of Commerce
- Bachelor of Design
- Bachelor of Science
- Bachelor of Philosophy (Honours)

UWA offers 71 different majors to choose from. The possibilities of combinations are endless, even those from seemingly different disciplines can be taken within the one degree.

UWA’s course structure enables you to study across all disciplines in your first year allowing you to learn and experience a range of subject areas. This gives you an opportunity to sample a wide range of topics before deciding which area and career interests you the most.

All of UWA’s degrees focus on developing your communication, research and problem-solving skills—an expectation that today is required of all high-quality graduates.

How it works
All students must choose at least one major known as your ‘degree-specific major’ (this may also be referred to as your ‘first’ major) and is the basis for determining your degree.

Majors provide in-depth knowledge and consist of at least eight units from a particular discipline or field of study. As you progress through your major, you will study the subject area in increasing depth and understanding.

A degree-specific major is one that is chosen from the list of majors that are attached to a particular degree. For example, the Archaeology major is a degree-specific major within the Bachelor of Arts degree. After selecting your degree-specific major you can then choose a second major or a variety of elective units.

Your second major does not have to be from the same degree area. The structure of the majors and degrees means that in most cases you can combine studies from a variety of areas within your degree.

Units are classified into three levels which represent the increasing complexity and mastery of a subject area.

Core units are compulsory units within your major. Some majors are made up entirely of core units whereas others allow you to choose from a number of option units.

Complementary units provide you with important additional knowledge, or help to make up gaps in your knowledge, so that you can successfully complete the major.

Broadening units are subject areas mostly chosen from outside of your degree—they also include at least one specially designed unit which has a global or cultural focus. For example, if you’re studying a Bachelor of Commerce, your broadening units will be chosen from those available within Arts, Science or Design.

Following your undergraduate degree

After completing one of the five undergraduate degrees, you will have the option of seeking employment, continuing your study path with a postgraduate coursework degree, or pursuing a research pathway beginning with honours—or for BPhil(Hons) graduates, direct entry to a master’s degree or doctorate.

This diagram illustrates standard study pathways. | Non-school leavers may apply for entry based on previous university study and may be eligible for advanced standing (credit). | Duration of courses is based on full-time enrolment. | The options for students to transfer between courses are not included in this diagram. | Entry to all courses is subject to admission requirements.

| Duration ranges from 2 to 4 years (refer to pages 98 to 109 for more information) |
To ensure that you’re equipped with the knowledge and skills that employers are seeking, the University has incorporated broadening units within its course structure. Studying broadening units gives you the opportunity to develop skills and abilities in fields beyond those in which you choose to specialise.

As part of your undergraduate degree, you will be required to take four broadening units chosen from outside your degree area. You may choose broadening units that are of particular interest to you or which add value to your degree and chosen study area.

How it works
Broadening units fall into two categories—A and B. You need to choose at least one of your four broadening units from Category A.

The remaining three units can be taken from Category A and/or Category B providing you meet any unit prerequisites.

Category A broadening units focus on aspects of the globalised and culturally diverse environment.

There are three types of Category A broadening units:

- Select from the list of designated Category A units
- Choose a unit in a language other than English (provided it is not the same as your degree-specific major)
- Study overseas in an approved Student Exchange or Study Abroad program. For more information on spending a semester or two internationally refer to pages 8 to 9.

Category B broadening units are all units outside of your degree—this includes almost all Level 1 undergraduate units (providing you meet any prerequisites). This gives you literally hundreds of interesting options!

If you choose to study a second major from outside your degree area, these units may count towards your Category A and/or B broadening units.

handbooks.uwa.edu.au/page/2524189

When will I study my broadening units?
You can take your broadening units at any time during your degree.

Prior to your enrolment at UWA you will receive further information and advice to help you design your individual study plan and this will help you determine where your broadening units will best fit into your undergraduate course.

This diagram shows the basic components of an undergraduate degree. In this example, a student has chosen to complete one degree-specific major (DSM) which includes four complementary units. As well as four broadening units, this student can choose their remaining subjects (electives) from a number of different areas of interest.

This student has chosen to take two majors: the degree-specific major (DSM) and a major from another degree. Because the degree-specific major chosen only specifies one complementary unit, there is room in the degree structure for some elective (free-choice) units.

Course structure diagrams are for illustrative purposes only. Refer to the UWA Handbook (handbooks.uwa.edu.au) for full details.
The areas listed in the opposite table are a selection of the many UWA degree course pathways that lead to rewarding careers in a broad range of professional areas.

**Assured entry through a reserved postgraduate place**

For the professional pathways identified as having limited places available, a number of assured entry places in the postgraduate course will be allocated to highly qualified school-leaving (Year 12) students when they commence at UWA.

If you are successful in gaining one of these places, you can take up your assured place in the relevant postgraduate course after you complete your undergraduate degree, provided you meet minimum academic performance requirements and satisfy any additional test requirements, as outlined.

If you don’t secure one of the reserved places, don’t worry. You will still have another chance to gain entry to the postgraduate courses in these areas. In fact, most people will get into these courses by competing for a place as they complete their undergraduate studies.

**Assured entry through satisfactory performance in specific majors**

For many of the professional pathways listed, the number of available places is not tightly controlled. For these professions, you complete one or two defined undergraduate majors, and then move into the corresponding postgraduate degree to complete your professional study requirements. Entry to the postgraduate course is assured, provided you satisfy the academic performance requirements in the relevant major(s).
<table>
<thead>
<tr>
<th>DEGREE</th>
<th>LIMITED PLACES</th>
<th>MINIMUM ATAR</th>
<th>MEDIAN ATAR</th>
<th>SELECTION CRITERIA</th>
<th>UNDERGRADUATE MAJORS</th>
<th>CONDITION FOR PROGRESSING TO POSTGRADUATE STUDY</th>
<th>POSTGRADUATE DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ARCHITECTURE</strong></td>
<td>No</td>
<td>80.00</td>
<td>88.30</td>
<td>ATAR only</td>
<td>Bachelor of Design, Bachelor of Philosophy (Honours)</td>
<td>Completion of undergraduate and relevant majors with a weighted average mark of at least 60 per cent</td>
<td>Master of Architecture</td>
</tr>
<tr>
<td><strong>DENTISTRY</strong></td>
<td>High Achievement pathway</td>
<td>Yes</td>
<td>99.00⁦</td>
<td>99.90</td>
<td>Aptitude test (UMAT)Structured interview Academic performance (ATAR or equivalent) Manual dexterity and spatial awareness admission tests</td>
<td>Any⁷</td>
<td>Completion of undergraduate degree with a minimum Grade Point Average of 5.5⁹</td>
</tr>
<tr>
<td></td>
<td>choose dentistry Broadway or Rural pathways</td>
<td>Yes</td>
<td>96.00⁦</td>
<td>N/A</td>
<td>Any⁷</td>
<td>Any⁷</td>
<td>Completion of undergraduate degree with a minimum Grade Point Average of 5.5⁹</td>
</tr>
<tr>
<td><strong>ENGINEERING</strong></td>
<td>No</td>
<td>92.00</td>
<td>93.98</td>
<td>ATAR only (subject to prerequisites)</td>
<td>Any⁷</td>
<td>Engineering Science</td>
<td>Master of Professional Engineering</td>
</tr>
<tr>
<td><strong>LANDSCAPE ARCHITECTURE</strong></td>
<td>No</td>
<td>80.00</td>
<td>N/A</td>
<td>ATAR only</td>
<td>Any⁷</td>
<td>Landscape Architecture</td>
<td>Master of Landscape Architecture</td>
</tr>
<tr>
<td><strong>LAW</strong></td>
<td>Yes</td>
<td>98.00⁦</td>
<td>98.88</td>
<td>ATAR only</td>
<td>Any⁷</td>
<td>Any</td>
<td>Juris Doctor</td>
</tr>
<tr>
<td><strong>MEDICINE</strong></td>
<td>High Achievement pathway</td>
<td>Yes</td>
<td>99.00⁦</td>
<td>99.40</td>
<td>Aptitude test (UMAT)Structured interview Academic performance (ATAR or equivalent) Manual dexterity and spatial awareness admission tests</td>
<td>Any⁷</td>
<td>Completion of undergraduate degree with a minimum Grade Point Average of 5.5⁹</td>
</tr>
<tr>
<td></td>
<td>choose medicine Broadway or Rural pathways</td>
<td>Yes</td>
<td>96.00⁦</td>
<td>N/A</td>
<td>Any⁷</td>
<td>Any</td>
<td>Completion of undergraduate degree with a minimum Grade Point Average of 5.5⁹</td>
</tr>
<tr>
<td><strong>MUSIC</strong></td>
<td>No</td>
<td>80.00</td>
<td>92.78</td>
<td>ATAR only</td>
<td>Bachelor of Arts, Bachelor of Philosophy (Honours)</td>
<td>Music Studies and Specialist Music Studies</td>
<td>Satisfactory completion of undergraduate degree and relevant major(s)</td>
</tr>
<tr>
<td><strong>PSYCHOLOGY</strong></td>
<td>Yes</td>
<td>95.00⁦</td>
<td>N/A</td>
<td>ATAR only</td>
<td>Bachelor of Arts, Bachelor of Science, Bachelor of Philosophy (Honours)</td>
<td>Psychology in Society and Psychological Science</td>
<td>Completion of undergraduate degree with a minimum Grade Point Average of 5.5⁹</td>
</tr>
</tbody>
</table>

⁦ Achievement of the minimum ATAR is not a guarantee of securing a place.
⁯ Eligibility criteria apply. See meddent.uwa.edu.au
⁰ There are no formal prerequisites for Dentistry and Medicine; however, we recommend study in Year 12 Physics (or university level 1 Physics) and first-year level Chemistry and Biology/Human Biology. This may be completed in any degree.
⁲ A Grade Point Average of 5.5 is broadly equivalent to an overall subject average of approximately 65 per cent, as calculated by the Faculty Admissions Office.
⁴ This pathway is one possibility. Depending on your career and/or further study aspirations, there may be other more appropriate pathways for you. Talk to the School of Music if you would like advice specific to your situation.
The Bachelor of Arts degree offers students a diverse range of majors to study in the humanities, social sciences, languages and music.

The humanities explore the histories, literatures and cultures of human civilisation, while the social sciences study sociology, anthropology, archaeology, political behaviours and other forms of human behaviour and organisation.

Seven different modern European and Asian languages are taught in the degree and you can either learn a new language or advance your existing knowledge, as well as studying its related popular culture, art, film and literature. You may also choose to study a classical language such as Ancient Greek or Latin.

The School of Music provides opportunities for developing performance skills in instrumental or vocal studies, composition and the study of musicology and music education.

As a student, you are exposed to a broad range of learning styles, from traditional lectures to interactive tutorials and practical workshops involving digital media. UWA academic staff members are not only dedicated award-winning teachers, but many are also renowned scholars and researchers who are international leaders and experts in their fields.

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

As part of your Arts degree you can choose to undertake the Arts Practicum, which provides the opportunity to work on a supervised project in a workplace of your choice while earning credit towards your degree.
The Bachelor of Commerce delivers a global perspective on business providing you with the skills, knowledge and experience you need to pursue a career within the corporate, government and not-for-profit sectors. A degree in Commerce offers you the flexibility to engage with a broad range of disciplines. You will gain a strong and relevant education, providing you with the scope to enter a wide range of business-related fields.

You will learn from leading academics, have opportunities to develop industry networks and graduate with an internationally recognised degree. The strong links between UWA and the business community will provide you with an educational experience that extends beyond academic excellence.

Graduate opportunities are diverse and exciting which will set you apart from the crowd and prepare you for success in the global marketplace.

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

You can choose to join a number of student societies including the Economics and Commerce Student Society, Enterprise and Consulting Society, and Finance Association of Western Australia. In addition, you can choose to participate in Enactus UWA, a non-profit organisation that aims to empower local communities through entrepreneurial and education outreach projects, or apply your business knowledge to real-world situations by taking part in national and international competitions run by leading organisations.
The Bachelor of Design offers you a rich combination of experiences in creativity, the humanities and the sciences. The course is suitable for students who are interested in the areas of architecture, landscape architecture, urban design and design in general.

Design is influenced by the needs of cultural and technological advancement. As a UWA Design student your practical, hands-on studies will be enriched by leading research practice. The course encourages innovative ways of thinking and practising across a number of design areas. As a graduate of the Bachelor of Design you will begin your career ready to address contemporary issues and contribute to the development of the built environment in an independent and creative way.

Why study Design?
Careers in Design are challenging and rewarding. The Bachelor of Design at UWA blends its strong focus on studio programs with comprehensive studies in theory, history, construction and technology. You will be given many opportunities to devise and produce objects, places, spaces and processes in response to economic, technical and social needs and desires. You will also develop your individual viewpoint and an understanding of how the values of society affect the principles of design.

Students have access to a range of specialised equipment including laser cutters, 3D printers and a fully-equipped workshop, as well as dedicated technicians on hand to assist you. You will also have the benefit of the Cullity Gallery to exhibit your work.

DEGREE-SPECIFIC MAJORS
- Architecture (p32)
- Fine Arts (p54)
- Integrated Design (p67)
- Landscape Architecture (p71)

- The Architecture major can only be taken by Bachelor of Design or Bachelor of Philosophy (Honours) students concurrently enrolled in the Integrated Design major. It is not available for study as a second major.

Length of course: 3 years full-time or equivalent part-time
Intake period: February and July
Minimum ATAR: 80.00
The Bachelor of Science gives you the opportunity to harness the skills and knowledge necessary to make a real contribution to the global challenges facing humanity. You can specialise in areas ranging from cutting-edge pure and applied science to new multidisciplinary fields of science. Strong communication and research skills embedded throughout each major will prepare you for many diverse and exciting career options.

**Why study Science?**
Science is for those who have a sense of adventure and a desire to explore, think creatively and get to the root of things. As a scientist you will study the nature of the universe, its properties, the life that exists within it, and the laws that govern the behaviour of all matter.

Scientists begin with what is known and try to go beyond that point to extend the boundaries of human knowledge.

During your studies you will investigate the big issues confronting our planet including climate change, the diagnosis and treatment of disease, healthy lifestyles, food sustainability and conserving biodiversity.

The importance of science in determining the wellbeing of our society is recognised by industry, business and government.

UWA is ranked first in Life and Agricultural Sciences and second in Chemistry in Australia and boasts staff who are among the world’s leading teachers and researchers. Their research and knowledge, as well as access to state-of-the-art facilities, will form an integral part of your learning experience.

- The Science Communication major can only be taken by Bachelor of Science or Bachelor of Philosophy (Honours) students as a second major.
- Shanghai Jiao Tong University’s Academic Ranking of World Universities, 2013.

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**BACHELOR OF SCIENCE**

Sam Cogle
Bachelor of Science

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**DEGREE-SPECIFIC MAJORS**

Aboriginal Health and Wellbeing p26
Agricultural Science p28
Anatomy and Human Biology p29
Biochemistry and Molecular Biology p34
Biomedical Science (double major) p35
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www.studyat.uwa.edu.au/science

**Length of course:** 3 years full-time or equivalent part-time

**Intake period:** February and July

**Minimum ATAR:** 80.00
The Bachelor of Philosophy (Honours) 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, a cash award, academic mentoring, high level communications training, professional skills development and an on-campus residential experience prior to the start of first 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 outstanding students.

Why study the Bachelor of Philosophy (Honours)?

The Bachelor of Philosophy (Honours) will ensure you develop high-level research and communication skills that prepare you for the challenges of achieving the highest international standards of excellence. While many Bachelor of Philosophy (Honours) graduates will choose to pursue further studies or a career in research, the intensive focus of the degree on developing analytical, teamwork and communication skills will ensure you are highly employable upon graduation. Bachelor of Philosophy (Honours) graduates will also have the option to pursue postgraduate coursework studies in addition to the many research opportunities at UWA.

What can I study?

The Bachelor of Philosophy (Honours) gives you the freedom to choose a major from any field of study within Arts, Commerce, Design or Science. It is an integrated Honours degree with research embedded throughout the four-year course and the opportunity to learn a language.

You will complete the first-level unit—Global Challenges, Research and Leadership—in first semester and take part in a group research project, beginning with a five-day residential program held at one of the University...
colleges. The Summer Residence is an integral part of the BPhil course and is designed to introduce you to the academic expectations of this degree as well as give you the opportunity to meet your fellow students.

During the four-year 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, develop a research abstract/poster, develop a web presence for your research, produce a research dissertation, undertake an overseas study experience and have the opportunity to meet international research leaders visiting the University.

**Entry requirements**
Enter to this course is extremely competitive. Entry requirements for this course are an Australian Tertiary Admission Rank (ATAR) of at least 98.00 in most cases, supplemented by some special admission pathways. Places will be 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 97 for detailed descriptions and prerequisites of majors).

The Bachelor of Philosophy (Honours) is only available for first semester entry. The Summer Residence is a requirement of this course and all students are expected to attend.

**Beyond your Bachelor of Philosophy (Honours)**
Bachelor of Philosophy (Honours) graduates will have a wealth of opportunities upon graduation.

Graduates may choose postgraduate study by coursework and/or research, including courses leading to professional qualifications, or may prefer to enter the workforce directly after completing their undergraduate degree. For information on pathways to postgraduate professional degrees, refer to the section at the back of this publication or go to www.studyat.uwa.edu.au.
I decided to study Aboriginal Health and Wellbeing initially for general interest, but it has equipped me with invaluable insight and knowledge to accompany my future studies in Medicine, and I am genuinely inspired by what I have learned.

Jessie Hinder

ABORIGINAL HEALTH AND WELLBEING

www.studyat.uwa.edu.au/aboriginal-health

PREREQUISITES

At least Mathematics 2C/2D
Recommended: Mathematics 3C/3D, or

At least Mathematics: Applications ATAR
Recommended: Mathematics: Methods ATAR, or
Mathematics unit(s) may be required as part of your degree

The Aboriginal Health and Wellbeing major will provide you with a solid foundation on the issues that influence the health and wellbeing of Aboriginal peoples, families and communities in Australia. You will gain a broad introduction to health and wellbeing from an Aboriginal perspective and a deeper appreciation of the underlying issues that influence health and wellbeing from historical, cultural, environmental, political and spiritual perspectives. The unit will enable understanding of particular health problems within Aboriginal communities; their impacts; knowledge of the strategies, policies and practices that have been implemented to improve health and wellbeing with a particular focus on Aboriginal community-led initiatives and practical experience in Aboriginal health settings.

In the future
Graduates will be well prepared for careers in Aboriginal health research, policy, management and practice in Aboriginal and government contexts.

Students can choose to pursue further studies at honours or postgraduate level in a range of areas including Aboriginal health and population health.

Additional information
handbooks.uwa.edu.au/aboriginalhealth

Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Science.

Unit sequence

LEVEL 1 CORE UNITS
Aboriginal Encounters: Strangers in Our Backyard
Boodjar Moort Katitjin: Introduction to Indigenous Heritage and Knowledge

LEVEL 2 CORE UNITS
Aboriginal Health and Wellbeing
Indigenous Knowledge: Mind, Body and Spirit

LEVEL 3 CORE UNITS
Aboriginal Health Community Organisation Placement
Aboriginal Health Research Project
Aboriginal Social and Emotional Wellbeing
Indigenous Research

COMPLEMENTARY UNITS
Students nominating Aboriginal Health and Wellbeing as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
Human Biology I: Becoming Human
Human Biology II: Being Human
Foundations of Epidemiology and Biostatistics
Communication and Project Planning in Health
Studying Accounting has ultimately equipped me with ample skills and knowledge, in terms of both breadth and depth, to strive in my career and in life in general. 

Amanda Lim

In the future
Professional accountants are employed as company directors, board members, chief executive officers, partners in business and in the profession, as well as in banking, company accounting, financial consulting, fund management, merchant banking, public accounting, practice, stockbroking and taxation.

Students can choose to pursue further study at honours level or undertake a master’s degree such as the Master of Commerce or Master of Business Administration.

Professional recognition and accreditation
- CPA Australia
- Chartered Accountants Australia and New Zealand
- Institute of Public Accountants

Note: All professional recognition is subject to students choosing the appropriate option and elective units.

Additional information
handbooks.uwa.edu.au/accounting

- Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Commerce.

Unit sequence

LEVEL 1 CORE UNITS
- Financial Accounting
- Introduction to Finance

LEVEL 2 CORE UNITS
- Corporate Accounting
- Management Accounting

Optional:
- Taxation

LEVEL 3 OPTIONS
Select four (or three if Taxation unit is chosen at Level 2) including at least one from Financial Accounting: Theory and Practice or Strategic Management Accounting:
- Auditing
- Contemporary Managerial Accounting
- Financial Statement Analysis
- Financial Accounting: Theory and Practice
- Performance Measurement and Evaluation
- Strategic Management Accounting

COMPLEMENTARY UNITS
- Students nominating Accounting as their degree-specific major in the Bachelor of Commerce or Bachelor of Philosophy (Honours) course must also study:
  - Economic and Business Statistics
  - Marketing Management
  - Microeconomics: Prices and Markets
  - Organisational Behaviour
I combined Agricultural Science with Accounting to gain a comprehensive understanding of the two vital components in agricultural production. Coming from a farming background in the WA wheatbelt has driven my interest in studying Agricultural Science, which has been further stimulated throughout my three years at UWA.

Sophie Hooper

In the future
There is a shortage of agricultural science graduates. Career opportunities are expansive and the skills you will learn are transferable to many other fields and areas of study; these include animal scientist, plant breeder, soil scientist, agribusiness consultant, natural resource manager, microbiologist, commodity market analyst, farm manager, conservationist, policy analyst, and politician among many others.

Students can choose to pursue further studies at honours or postgraduate level in Agricultural Science, specialising in agricultural economics, animal or plant production, genetics and breeding or soil science.

Additional information
handbooks.uwa.edu.au/agriculture

- Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Science.
- Cost of food and accommodation to be borne by the student. For more information go to teachingandlearning.uwa.edu.au/students/fees.
The flexibility of this major will allow you to choose from a wide range of units including human functional anatomy; genetics, variation and evolution; reproduction, embryology and growth and function of the nervous system; ecology, behaviour and biosocial interactions.

**ANATOMY AND HUMAN BIOLOGY**

www.studyat.uwa.edu.au/anatomy

**PREREQUISITES**

- At least Mathematics 2C/2D
- Recommended: Mathematics 3C/3D and Chemistry 3A/3B, or
- At least Mathematics: Applications ATAR
- Recommended: Mathematics: Methods ATAR, or
- Mathematics unit(s) may be required as part of your degree

**In the future**

Graduates find careers as scientists in sleep science, assisted reproductive technologies, pharmaceutical training and neuroscience, commercial organisations, or in sales associated with these organisations. There are career opportunities in public science education, in museums and in the media.

Students can choose to pursue further studies in honours, a master’s degree or a PhD in Human Biology or Anatomical Sciences. Other options include the Graduate Certificate in Adult Sleep Science, Graduate Diploma in Sleep Science.

**Additional information**

handbooks.uwa.edu.au/anatomy

- Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Science.
- Students nominating Anatomy and Human Biology as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study Mathematics Fundamentals (for those students who did not meet the Mathematics prerequisites).

**Unit sequence**

**LEVEL 1 CORE UNITS**

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

**LEVEL 2 OPTIONS (select one)**

- Biological Anthropology: Human Adaptation and Variation
- Human Reproductive Biology

**Plus one of the following:**

- Human Structure and Development
- Human Organs and Systems

**LEVEL 3 OPTIONS (select one)**

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

**Plus three of the following:**

- Human Structure and Function
- Biological Anthropology: Genes and Society
- Human Evolutionary Ecology
- Human Reproduction

What is it that makes us human? A major in Anatomy and Human Biology will allow you to explore what it means to be human in an integrative way, combining studies of the biology and behaviour of human beings with current social and ethical issues. The units offered within this major cover topics as diverse as human functional anatomy; genetics, reproduction, embryology and growth; microscopic structures of cells and tissues; structure and function of the nervous system; and ecology, behaviour and biosocial interactions. You will explore all of these from the molecular to the population level and beyond.
Majoring in Anthropology and Sociology has allowed me to explore other cultures as well as my own. It ties in history, politics and economics, while challenging the way I think and the way society has taught me to think.

Angel Hayward

### Unit sequence

#### LEVEL 1 CORE UNITS
- Being Human: Culture, Identity and Society
- Global Changes, Local Responses

#### LEVEL 2 CORE UNIT AND OPTIONS
- Development of Social Thought
- Plus two of the following:
  - Religion: Anthropological and Sociological Approaches
  - Constructing Cultures Through Media
  - Social Meaning of Money
  - Healing, Medicine and Culture
  - Indigenous Australia
  - Social Inequality
  - Sex, Gender and Social Life
  - Legal Anthropology
  - Australian Society: Facts and Fantasies
  - Psychological Anthropology
  - Refugees, Human Rights, Violence and Fear
  - Popular Culture in Asia
  - Environment, Power and Disasters in Asia

#### LEVEL 3 CORE UNIT AND OPTIONS
- Doing Ethnography
- Plus two of the following:
  - Cities, Migration and Globalisation
  - Advanced Social Theory
  - Health and Illness in Local/Global Context
  - Environmental Anthropology
  - Engaged Anthropology
  - Global Indigeneities
  - Business Anthropology

#### COMPLEMENTARY UNIT
- Students nominating Anthropology and Sociology as their degree-specific major in the Bachelor of Arts or Bachelor of Philosophy (Honours) course must also study:
  - Communication in Practice

### In the future
Graduates find employment in social research within policy development, public service, community development, the law, physical and mental health, environmental problem solving and assessment, urban planning and education. Work opportunities are also found in native title, heritage assessment and other Indigenous areas both in Australia and overseas, museums, foreign aid and agricultural development.

Students can choose to pursue further studies at honours or postgraduate level.

### Additional information
handbooks.uwa.edu.au/anthropology
Archaeology is the study of past human societies through the material things people leave behind. This major provides students with an overall view of world archaeological studies as well as insights into Australia and the region’s extraordinary past.

Our expertise includes Indigenous, historical and maritime archaeology, exploring the full breadth of Australia’s rich Indigenous and colonial history to consider the almost 60,000 years of human habitation of this continent.

The analytical and practical elements are taught within laboratory and fieldwork units which are held annually for two or three weeks. UWA is home to the Centre for Rock Art Research and Management, providing students with strong industry links and research connections.

**In the future**
Archaeologists are in demand by government departments, the mining and resources industries and other organisations both in Australia and overseas. They are either employed directly or they work as private consultants, providing advice about archaeological heritage matters. Other career prospects include museum curators and researchers, or in the education sector.

Students can choose to pursue further studies at honours level or undertake a master’s degree such as the Master of Professional Archaeology or the Master of Heritage Studies.

**Practicum or field unit**
- Rock Art field unit
- Archaeological field methods

**Additional information**
handbooks.uwa.edu.au/archaeology

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Studying Archaeology at UWA has opened up a world of possibilities. I have had the opportunity to work on international excavations and study under the tutelage of internationally respected researchers that are highly engaged with the academic development of their students.

Mitchell Colin Cleghorn
In the future
Successful completion of the professionally accredited Master of Architecture will pre-qualify you to become a registered architect.

You could also undertake further studies in similar disciplines such as Landscape Architecture, Urban Design or a range of other creative disciplines.

You may also use your undergraduate studies as a foundation for a career in environmental studies, architectural technologies, property, or city and regional planning.

Additional information
handbooks.uwa.edu.au/architecture

PREREQUISITES
None

Studying architecture is often described as the integration of creative work with scientific knowledge, tempered by the humanities. In this major you will undertake the design of individual buildings, urban and landscape schemes in the context of social, technical and economic considerations. You will acquire skills in design and technical software, as well as drawing, model making and workshop operations. Your core studies will comprise sustainable design, design communication, structural and environmental performance and the history and theories of architecture and urbanism. The Architecture major must be taken as a degree-specific major with Integrated Design (see page 67) in order to progress to the Master of Architecture two-year course.

Unit sequence

LEVEL 1 CORE UNITS
Studio Fundamentals
Architecture Studio 1

LEVEL 2 CORE UNITS
Environmental Design
Architecture Studio 2

LEVEL 3 CORE UNITS
Architecture Studio 3
Construction
History and Theories of the Built Environment

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

Drawing History
Structures and Natural Systems
Materials and Small Constructions
Parallel Modernities in Art and Architecture

Architecture is more than just designing buildings; it’s also about connecting with people, finding solutions to problems, learning to be creative but practical at the same time. The course has allowed me to work directly under experienced architects and gain invaluable skills and insight into the profession.

Lan Nguyen

ARCHITECTURE
www.studyat.uwa.edu.au/architecture

LOCATION: STIRLING HIGHWAY NEAR ARCHITECTURE, LANDSCAPE AND VISUAL ARTS, UWA Nedlands
Asian Studies at UWA has taught me to think critically and develop my research skills, which has complemented my other major in commerce. When considering Australia’s position in the region, Asian Studies provides useful knowledge no matter what field of study or work you pursue in the future.

Eva Borri

In the future
Graduates have excellent employment prospects in Australia and in the rising economies of Asia.

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

Students can choose to pursue further studies at honours or postgraduate level.

Additional information
handbooks.uwa.edu.au/asianstudies

PREREQUISITES
None

Asia is home to two-thirds of the world’s population and some of the most dynamic and fascinating societies on the planet. It is also an economic powerhouse vital to Australia’s future prosperity and security.

Asian Studies introduces you to the many cultures, societies and politics of Asia including China, Indonesia, Japan and Korea. It explores the impact of the great religions such as Buddhism, Hinduism and Islam and investigates the dramatic changes that colonialism and revolutions have brought to the people of the region.

As a student you will develop critical knowledge of contemporary Asia and examine topics as diverse as popular culture, gender relations, environmental issues, political transformations, the media and Australia’s relations with the region.

Unit sequence

<table>
<thead>
<tr>
<th>LEVEL 1 CORE UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exploring Asian Identities</td>
</tr>
<tr>
<td>Creating Asian Modernities</td>
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<table>
<thead>
<tr>
<th>LEVEL 2 OPTIONS (select two)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culture, Society and the State in Asia</td>
</tr>
<tr>
<td>Australia and Asia</td>
</tr>
<tr>
<td>Popular Culture in Asia</td>
</tr>
<tr>
<td>Environment, Power and Disasters in Asia</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LEVEL 3 OPTIONS (select four)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contemporary Korean Society</td>
</tr>
<tr>
<td>Indonesian Politics and Culture</td>
</tr>
<tr>
<td>Social Issues in Contemporary China</td>
</tr>
<tr>
<td>Issues in Japanese Society and Culture</td>
</tr>
<tr>
<td>Democratisation in Asia</td>
</tr>
<tr>
<td>Gender and Power in Asia</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>COMPLEMENTARY UNIT</th>
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</thead>
<tbody>
<tr>
<td>Students nominating Asian Studies as their degree-specific major in the Bachelor of Arts or Bachelor of Philosophy (Honours) must also study:</td>
</tr>
<tr>
<td>Communication in Practice</td>
</tr>
</tbody>
</table>
What are genes? How do hormones work? What goes wrong in a cancer cell? If these questions are of interest, then a major in Biochemistry and Molecular Biology 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. In this major, you will study the way molecules are organised and how they interact to achieve the functions of the living cell and that of the organism. Your investigations will cover three main areas: the information stored in DNA; molecular interactions; and how organisms gain and use energy.

In the future
Graduates may find a career in research institutes, universities, CSIRO, hospitals, healthcare and pharmaceutical industry, scientific sales, food manufacturing industry, government services, biotechnology industry, teaching in schools and universities as well as diagnostic services in medicine and agriculture.

Students can choose to pursue further studies at honours and postgraduate level. Options include a Master of Infectious Diseases, Master of Pharmacy, and Master of Science Communication.

Additional information handbooks.uwa.edu.au/biochemistry

Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Science.

PREREQUISITES
At least Mathematics 2C/2D
Recommended: Mathematics 3C/3D and Chemistry 3A/3B, or
At least Mathematics Applications ATAR
Recommended: Mathematics Methods ATAR and Chemistry ATAR, or
Mathematics unit(s) may be required as part of your degree

Unit sequence

LEVEL 1 CORE UNIT AND OPTION
Molecular Biology of the Cell
Plus one of the following:
Biological Chemistry
Chemistry—Structure and Reactivity

LEVEL 2 CORE UNITS
Biochemistry and Molecular Biology of the Cell
Biochemical Regulation of Cell Function

LEVEL 3 CORE UNITS
Structural and Functional Biochemistry
Cellular Biochemistry
OmicS—Global Approaches to Cell Function
Molecular Biology

COMPLEMENTARY UNITS
Students nominating Biochemistry and Molecular Biology as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
Statistics for Science
Chemistry—Properties and Energetics (for students with WACE Chemistry 3A/3B)
Introductory Chemistry (for students without WACE Chemistry 3A/3B)

Studying Biochemistry and Molecular Biology has given me an in-depth understanding of the workings of living organisms from all areas of life at the molecular level. This theoretical knowledge is nicely balanced with a practical component in each core unit, developing critical laboratory techniques and methods used in the discipline.

Luke Smithers
Disciplines is gained through a series of integrated units on human anatomy and physiology, microbes and the pathological processes of disease, and how these diseases are treated.

In the future
Graduates can enter a range of careers in biomedical research (in universities, hospitals or industry), the health sector and education. Employment opportunities are enhanced by further studies at the honours or postgraduate level (e.g. master’s degrees in Biomedical Science, Health Science or Infectious Diseases). While Biomedical Science may lead to professional degrees (e.g. Medicine, Dentistry), it is not a prerequisite for these courses at UWA.

One of the most exciting aspects of this course is the opportunity to access ‘state-of-the-art’ laboratories at the QEII Medical Centre campus where students undertake a range of relevant and challenging practical exercises. These opportunities expose students to ‘real’ science.

Caroline Hall

BIOMEDICAL SCIENCE
DOUBLE MAJOR

www.studyat.uwa.edu.au/biomedical

PREREQUISITES
At least Mathematics 2C/2D
Recommended: Mathematics 3C/3D and Chemistry 3A/3B, or
At least Mathematics: Applications ATAR
Recommended: Mathematics: Methods ATAR and Chemistry ATAR, or
Mathematics unit(s) may be required as part of your degree.
July intake: students without Chemistry 3A/3B and either Biology 3A/3B or Human Biology 3A/3B will require 3.5 years to complete

Biomedical Science covers the function of the human body in health and disease and how treatments for disease are developed. The Biomedical Science double major provides a broad understanding of the key biomedical disciplines of anatomy and human biology, physiology, biochemistry and molecular biology, pathology, pharmacology, microbiology and immunology. Having studied each of these disciplines at Level 2, you then choose one discipline for specialisation at Level 3. Additional knowledge in the non-specialist disciplines is gained through a series of integrated units on human anatomy and physiology, microbes and the pathological processes of disease, and how these diseases are treated.

In the future
Graduates can enter a range of careers in biomedical research (in universities, hospitals or industry), the health sector and education. Employment opportunities are enhanced by further studies at the honours or postgraduate level (e.g. master’s degrees in Biomedical Science, Health Science or Infectious Diseases). While Biomedical Science may lead to professional degrees (e.g. Medicine, Dentistry), it is not a prerequisite for these courses at UWA.

Additional information
handbooks.uwa.edu.au/ biomedical

This major is not available in other degree courses, nor is it available as a second major. Students cannot choose to study a second major with the Biomedical Science major.

See over page for unit sequence information.
<table>
<thead>
<tr>
<th>Unit sequence</th>
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<tbody>
<tr>
<td><strong>LEVEL 1 CORE UNIT AND OPTION</strong></td>
</tr>
<tr>
<td>Molecular Biology of the Cell</td>
</tr>
<tr>
<td>Plus one of the following:</td>
</tr>
<tr>
<td>Human Biology I: Becoming Human</td>
</tr>
<tr>
<td>Human Biology II: Being Human</td>
</tr>
<tr>
<td><strong>LEVEL 2 CORE UNITS</strong></td>
</tr>
<tr>
<td>Biochemistry and Molecular Biology of the Cell</td>
</tr>
<tr>
<td>Foundations of Pharmacology</td>
</tr>
<tr>
<td>Human Structure and Development</td>
</tr>
<tr>
<td>Introduction to Infectious Diseases and Immunology</td>
</tr>
<tr>
<td><strong>LEVEL 3 CORE UNITS AND OPTIONS</strong></td>
</tr>
<tr>
<td>After finishing second year, you will then choose one of these six biomedical fields to study in greater depth in third year as your specialist discipline.</td>
</tr>
<tr>
<td><strong>ANATOMY AND HUMAN BIOLOGY/PHYSIOLOGY</strong></td>
</tr>
<tr>
<td>Advanced Infectious Diseases</td>
</tr>
<tr>
<td>Biochemistry in Health and Disease</td>
</tr>
<tr>
<td>Drugs and Disease A</td>
</tr>
<tr>
<td>Drugs and Disease B</td>
</tr>
<tr>
<td>Plus the following core units for Physiology:</td>
</tr>
<tr>
<td>Physiology of Membranes, Muscles and Signalling</td>
</tr>
<tr>
<td>Physiology of Cardiovascular and Respiratory Systems</td>
</tr>
<tr>
<td>Physiology of Nutrition and Metabolism</td>
</tr>
<tr>
<td>Physiology of Integrated Organ Function</td>
</tr>
<tr>
<td><strong>PATHOLOGY AND LABORATORY MEDICINE/PHARMACOLOGY</strong></td>
</tr>
<tr>
<td>Communication Systems in the Human Body</td>
</tr>
<tr>
<td>Human Growth, Development and Ageing</td>
</tr>
<tr>
<td>Advanced Infectious Diseases</td>
</tr>
<tr>
<td>Biochemistry in Health and Disease</td>
</tr>
<tr>
<td>Plus the following core units for Pathology and Laboratory Medicine:</td>
</tr>
<tr>
<td>Pathology and Laboratory Medicine I</td>
</tr>
<tr>
<td>Pathology and Laboratory Medicine II</td>
</tr>
<tr>
<td>Medical Genetics</td>
</tr>
<tr>
<td>Cancer Pathology</td>
</tr>
<tr>
<td>OR the following core units for Pharmacology:</td>
</tr>
<tr>
<td>Molecular Pharmacology</td>
</tr>
<tr>
<td>Molecular Pharmacology Methods</td>
</tr>
<tr>
<td>Systems Pharmacology</td>
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<tr>
<td>Systems Pharmacology Methods</td>
</tr>
<tr>
<td><strong>COMPLEMENTARY UNITS</strong></td>
</tr>
<tr>
<td>Students completing a double major in Biomedical Science within the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:</td>
</tr>
<tr>
<td>Biological Chemistry (Chemistry is a prerequisite to studying this unit)</td>
</tr>
<tr>
<td>Introduction to Scientific Practices</td>
</tr>
<tr>
<td>Physiology of Human Body Systems</td>
</tr>
<tr>
<td>Introduction to Human Disease</td>
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</tbody>
</table>
In the future
Botany graduates are employed by environmental consultants, resource industries, government departments, botanic gardens and research agencies involved in plant production, conservation and restoration.

Students can pursue further studies in Botany at honours or postgraduate level. A master’s degree can be studied by coursework (including Plant Conservation Biology, Plant Production or Environmental Management) or by research (thesis only or thesis and coursework).

Additional information
handbooks.uwa.edu.au/botany

- Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Science.
- Cost of food and accommodation to be borne by the student. For more information go to teachingandlearning.uwa.edu.au/students/fees.

Studying Botany has taken me to some amazing places. I’ve done field work in the Pilbara, worked with genetically engineered plants at the CSIRO in Canberra, and even presented my research at a plant biology conference in Portland, Oregon.

Nicole Dakin

www.studyat.uwa.edu.au/botany

LOCATION: BOTANY GLASSHOUSE
UWA CRAWLEY CAMPUS

Unit sequence

<table>
<thead>
<tr>
<th>LEVEL 1 CORE UNITS</th>
<th>LEVEL 2 CORE UNITS</th>
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<tbody>
<tr>
<td>Frontiers in Biology</td>
<td>Ecology</td>
</tr>
<tr>
<td>Plant and Animal Biology</td>
<td>Plants in Action</td>
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<tr>
<td></td>
<td>Plant Diversity and Conservation</td>
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<table>
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<tr>
<th>LEVEL 3 CORE UNITS</th>
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<tbody>
<tr>
<td>Plant Physiological Ecology</td>
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<tr>
<td>Ecological Processes</td>
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<tr>
<td>Australian Vegetation</td>
</tr>
</tbody>
</table>

COMPLEMENTARY UNITS
Students nominating Botany as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Science, Society and Communication (unless Science Communication is taken as a second major)
- Science, Society and Data Analysis
- Principles of Inheritance
- Soil-Plant Interactions

All life on Earth depends upon plants. Botany is the scientific study of plants, from their classification through to their structure and function and the integral roles that plants play in the functioning of both terrestrial and marine ecosystems. Botanists also study how plants evolve and adapt to changing climate and environments as well as the myriad of ecological interactions between plants and other organisms. Botany is an ideal major if you are interested in understanding biodiversity and addressing current and future threats to our unique native flora, aquatic ecosystems as well as to the sustainability of agricultural crops. This major includes both laboratory and field work experience.

PREREQUISITES
- At least Mathematics 2C/2D
- Recommended: Mathematics 3A/3B, or Mathematics: Applications ATAR
- Recommended: Mathematics: Methods ATAR, or Mathematics unit(s) may be required as part of your degree
These vital skills are relevant not just to business with Australia but also within the legal systems of most other ‘common law’ countries.

In the future
Graduates are well-positioned to undertake roles in a number of areas where a knowledge of business law is highly relevant including management, marketing, international trade, banking, finance and the public service.

Students can pursue further studies at honours or postgraduate level. While the study of this major is not a requirement for entry to the Juris Doctor (JD), students intending to progress to this professional postgraduate degree may benefit from undergraduate studies in law.

Additional information
handbooks.uwa.edu.au/businesslaw

These only apply to students undertaking a Bachelor of Commerce degree. They do not apply to students completing the Business Law major as a second major in a degree other than the Bachelor of Commerce.

Jessica Vu

Studying Business Law has allowed me to learn about commercial businesses such as how they run, how they’re structured and more importantly how the laws affect them, both within Australia and internationally.

Jessica Vu
Studying Chemistry at UWA has equipped me with the necessary skills for entering the modern chemical industry as the concepts we learn can be applied to all aspects of life. I would strongly recommend a major in Chemistry for future students; it has a lot of practical lab time combined with lectures, which allows you to enjoy your degree in a hands-on environment.

Andy Lau

www.studyat.uwa.edu.au/chemistry

In the future
Chemistry graduates will be in demand over the next decade in chemical manufacturing and processing industries such as pharmaceuticals, agrochemicals, fine chemicals, metals, polymers, electricity, steel, mining and petroleum. Career opportunities can be found in analytical and quality control laboratories as environmental and analytical or forensic chemists; and in universities, scientific institutes, government or private sector laboratories as research chemists.

Additional information
handbooks.uwa.edu.au/chemistry

PREREQUISITES
Mathematics 3A/3B and Chemistry 3A/3B
Recommended: Mathematics 3C/3D, or
At least Mathematics: Methods ATAR and Chemistry ATAR, or
Mathematics: Applications ATAR and Chemistry ATAR with two additional UWA mathematics units taken in first year
Recommended: Mathematics: Methods ATAR and Mathematics: Specialist ATAR

Do you want to be part of the major advances that are being made in medicine, nanotechnology, new materials and the environment? Chemistry is central to 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.

The science of the molecular scale and of molecules and materials. You will develop an understanding of the mechanisms, reactions and processes that occur at the molecular level. You will study the elements that make up all matter and how they interact with each other to construct living organisms, transmit power from the sun, produce minerals and fuel environmental processes.
Studying Chinese alongside my engineering degree has opened the door to possibilities of work in China-based companies, however, the greatest reward is the ability to meet and communicate with Chinese speakers through UWA-led events, China field study trips and competitions.

David Lovell

Chinese (Mandarin) is the most widely used language in the world. The rise of China as a global power is shaping the twenty-first century and there is great demand for graduates with knowledge of Chinese language and China. This major caters for a range of language levels from beginner to native speaker and develops language skills, cultural literacy and knowledge of China. It focuses on practical everyday Chinese (reading, writing, speaking and listening) with an emphasis on engaging with real-life situations and authentic texts.

You are encouraged to take part of your language study in China through UWA’s student exchange program. Summer programs in China (Hangzhou and Beijing) and Taiwan are also available.

In the future
Graduates find careers in government departments, commercial enterprises with a China focus such as in resources, finance and tourism and with institutions such as the World Bank and United Nations. Teaching Chinese as a second language can also be considered.

Students can choose to pursue further studies at honours level or undertake a master’s degree such as the Master of Translation Studies.

Additional information
handbooks.uwa.edu.au/chinese
CLASSICS AND ANCIENT HISTORY

www.studyat.uwa.edu.au/classics

PREREQUISITES
None

UWA is the only university in Western Australia where you can study Classics and Ancient History. This major combines the languages, literature, history, art and archaeology of the ancient Greek and Roman civilizations to give you a holistic picture of this vibrant and eternally relevant era. These two 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, from theatre to the rule of law. We can also learn from them as they struggled with many of the same crucial issues as we do today such as globalization, the ‘clash of civilisations’ and the decline of great powers.

In the future
Graduates find employment in industries such as secondary and tertiary education, business and commerce, government departments, the media, and public and private sectors in the arts and culture.

Students can choose to pursue further studies at honours or postgraduate level.

Additional information
handbooks.uwa.edu.au/classics

Unit sequence

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

**LEVEL 2 OPTIONS** (select two)
The Golden Age of Athens
The Foundations of the Roman Empire
Latin 2
Latin 3
Greek 1
Greek 2

**LEVEL 3 OPTIONS** (select four)
The Roman Revolution
The Majesty of the Roman Empire
Alexander the Great

**LEVEL 3 OPTIONS CONTINUED**
The Emergence of Greece
Roman Archaeology
Roman Britain
Ancient Epic
Greek Theatre
Latin 4
Greek 3
Greek 4

**COMPLEMENTARY UNIT**
Students nominating Classics and Ancient History as their degree-specific major in the Bachelor of Arts or Bachelor of Philosophy (Honours) must also study:
Communication in Practice

- At least one of these units must be taken to complete the major.

Classics and Ancient History has given me the skills to be a Chief Investment Officer at the Student Managed Investment Fund (SMIF). The major compels you to do research, to ask questions and to challenge the status quo, all of which has given me a unique investment perspective.

*Joseph Hartono*
The Communications and Media Studies major is comprehensive, giving both theoretical and practical experiences across every angle of the industry—from journalism to public relations to Cinematic techniques.

Simon Beaton

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

Students can choose to pursue further studies at honours level or undertake a master’s degree such as Master of International Journalism, Master of Strategic Communication, or Master of International Relations.

Additional information
handbooks.uwa.edu.au/mediastudies

Communication and Media Studies

www.studyat.uwa.edu.au/media-studies

PREREQUISITES
None

Communication and Media Studies is one of the most exciting and rapidly evolving areas of study in today’s media-driven world. 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. Students often work collaboratively on creative projects which allow them to gain experience in communication technology and media production while critically reflecting on the relationship between communication, media and culture.

Level sequence

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
Communication Project
Designing Play
Journalism in Practice

Simon Beaton

www.studyat.uwa.edu.au
I decided to study Computer Science because the ICT industry is one of the fastest growing in Australia. This major teaches you to think in an innovative way through a balance of theoretical learning and practical exercises.

Evgeny Rogozik

In the future
Computer systems underpin almost every type of industry and enable the growth of businesses around the world. Destinations for graduates who complete this major and pursue further studies in computing include software development houses such as Google and Microsoft; social media platforms; large organisations of all kinds (industry, government, banking, health care, etc.); as well as many smaller computing, mining and resources, and consulting companies.

Students can choose to pursue further studies at honours or postgraduate level.

Professional accreditation
On completion of Computer Science as a degree-specific major: Australian Computer Society (provisional)

Additional information
handbooks.uwa.edu.au/computerscience
Combining Conservation Biology with Botany and Indigenous Studies units has enriched my understanding of the remarkable native plants and animals of southwest Western Australia.

Veronica Wilson
Data Science challenges people at any level and provides endless opportunities such as computing clubs, hackathons and developing apple apps. It has given me an extra edge over other students in my second major and has made my day-to-day interactions with technology more productive and efficient.

*Tyler Smith*

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## In the future

Many professional organisations extensively use computing and data resources, providing you with many diverse career options as a graduate. Opportunities exist in areas such as mining and resource engineering; bioinformatics and biochemistry; computational physics and astronomy; transportation; health; finance; geophysics; geographic information systems; and biomechanics.

Students can choose to pursue further studies at honours or postgraduate level.

### Professional accreditation

On completion of Data Science as a degree-specific major: Australian Computer Society (provisional)

### Additional information

[handbooks.uwa.edu.au/datascience](http://handbooks.uwa.edu.au/datascience)
In the future
A major in Economics will prepare you for work in banking, stockbroking, government departments, international agencies and management consulting as a forecaster, analyst or consultant.

Students can choose to pursue further study at honours level or undertake a specialist master’s degree such as the Master of Economics, Master of Commerce or Master of Business Administration.

Additional information
handbooks.uwa.edu.au/economics

* Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Commerce.
In the future

Graduates are employed as economists, consultants, analysts and economic advisers in the Australian and State Treasuries, the Reserve Bank, the Productivity Commission and the Economic Regulation Authority, as well as in economic consultancies and major companies.

Students can pursue further study at honours level or undertake a specialist master’s degree such as the Master of Economics, Master of Commerce or Master of Business Administration.

Additional information

handbooks.uwa.edu.au/economicsdouble

This major is only available within the Bachelor of Commerce or Bachelor of Philosophy (Honours). Students cannot choose to study a second major with the Economics double major.
Engineering Science provides a combination of theoretical learning and real life experience, which equips students for life after university. While it teaches the fundamental aspects of engineering, I have also had the opportunity to learn more specific practices of civil engineering.

Joel Beasley
English and Cultural Studies explores many areas of reading, writing and performance including the study of literature, film, theatre and creative and professional writing. The major will enrich your understanding of literary, cinematic and theatrical traditions across the globe and offers a wide choice of units studying the literatures of Britain, America, Australia and postcolonial societies; creative writing and theatre; and popular culture and film. The units offer a detailed knowledge of the many forms of imaginative writing and performance, and their social importance. Students will extend their creative, analytical and communication skills.

In the future

Graduates are successful in obtaining a range of jobs from teaching to management; journalism and advertising to the public service. Many graduates proceed to training in a profession such as law, psychology, librarianship, education, publishing, journalism, industrial relations or theatre and media work.

Students can choose to pursue further studies at honours or postgraduate level such as Master of Arts (Creative Writing), Master of International Journalism or Master of Strategic Communication.

One of my units in the English and Cultural Studies major enabled me to participate in the Arts Practicum program which allowed me to gain experience in publishing at Westerly and work alongside literati from across Australia.

Charlotte Guest

Additional information

handbooks.uwa.edu.au/english
I am really interested in the science behind climate change, and studying Environmental Science has allowed me to explore the concepts and theories driving these changes.

Georgia Braund

ENVIRONMENTAL SCIENCE

www.studyat.uwa.edu.au/environment

PREREQUISITES
At least Mathematics 2C/2D
Recommended: Mathematics 3C/3D, or
At least Mathematics: Applications ATAR
Recommended: Mathematics: Methods ATAR, or
Mathematics unit(s) may be required as part of your degree

Environmental Science assesses the impact of human activity on the global environment and develops scientific, risk-based solutions to help secure a sustainable natural and managed systems. Environmental scientists concern themselves with issues such as climate change, carbon trading, greenhouse gas emissions, land and water resource management, salinity, land and soil degradation and rehabilitation, flora and fauna, habitat destruction, deforestation, energy and mineral depletion, air and water pollution, soil health, soil erosion and groundwater contamination. This major includes field work and extended field trips as well as laboratory classes.

In the future
Environmental Science graduates possess a diverse set of skills across earth, biological and environmental processes and they understand the role of humans in landscapes.

Unit sequence

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<thead>
<tr>
<th>LEVEL 1 CORE UNITS</th>
<th>The Dynamic Planet</th>
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<tr>
<td></td>
<td>Plant and Animal Biology</td>
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<table>
<thead>
<tr>
<th>LEVEL 2 CORE UNITS</th>
<th>BIOLOGY SPECIALISATION</th>
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<tbody>
<tr>
<td></td>
<td>The Climate System</td>
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<td></td>
<td>Global Climate Change and Biodiversity</td>
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<table>
<thead>
<tr>
<th>EARTH SPECIALISATION</th>
<th>The Climate System</th>
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<tbody>
<tr>
<td></td>
<td>Environmental Hydrology</td>
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<tr>
<th>LEVEL 3 CORE UNITS</th>
<th>Environmental Assessment</th>
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<tbody>
<tr>
<td></td>
<td>Land Use and Management</td>
</tr>
<tr>
<td></td>
<td>Environmental Modelling</td>
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<table>
<thead>
<tr>
<th>BIOLOGY SPECIALISATION</th>
<th>Ecological Processes</th>
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| EARTH SPECIALISATION | Land Rehabilitation |

COMPLEMENTARY UNITS
Students nominating Environmental Science as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:

- Science, Society and Communication (unless Science Communication is taken as a second major)
- Science, Society and Data Analysis; and

BIOLOGY SPECIALISATION
- Ecology
- Environmental Hydrology (Crawley campus only); or
- Geographic Information Systems (Albany campus only)

EARTH SPECIALISATION
- Geographic Information Systems
- Global Climate Change and Biodiversity

Graduates find employment in a diverse range of sectors including private, public and not-for-profit organisations, consultancies (mining, rehabilitation, ecology) as well as the educational sector.

Students can pursue to honours or postgraduate level with a broad variety of specialisations.

Additional information
handbooks.uwa.edu.au/environment

- Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Science.
- Cost of food and accommodation to be borne by the student. For more information go to teachingandlearning.uwa.edu.au/students/fees.
Studying the way European politics, philosophy and history interact with arts and culture is a fascinating and really worthwhile area, and it’s great to be able to integrate ideas I’ve studied in even seemingly unrelated electives like Anthropology or Psychology.

Mackensie Freedman

European Studies

www.studyat.uwa.edu.au/european-studies

PREREQUISITES

None

There is a Europe and there is ‘Europe’. There is the place, the continent, the political and economic reality, and there is Europe as an idea and an ideal, as a dream, as project, process, and progress towards some visionary goal.

European Studies equips students with the knowledge and skills to understand one of the most important players in the global environment: Europe. It provides information on and analysis of the cultures and societies of contemporary Europe and the social, cultural and political developments which generated the Europe of today. Knowledge of a European language is not required to undertake this major.

In the future

Graduates will be well qualified for careers in the diplomatic services, teaching, interpreting and translating, as well as a range of careers in law, communications, travel, hospitality, publishing, theatre, commerce, journalism and international relations.

Students can choose to pursue further studies at honours or postgraduate level.

Additional information
handbooks.uwa.edu.au/europeanstudies
By studying Exercise and Health I now feel I have a greater understanding of movement and its ability to influence health outcomes and have now found an exciting way to apply my scientific knowledge, along with my passion for fitness and health, in a practical way. I am really looking forward to starting my career.

Grace Huiping Dimmock

EXERCISE AND HEALTH

www.studyat.uwa.edu.au/exercise-health

PREREQUISITES
At least Mathematics 2C/2D
Recommended: Mathematics 3C/3D, or
At least Mathematics: Applications ATAR, or
Mathematics unit(s) may be required as part of your degree

The health industry is a vital part of Australian life with health professional graduates playing a key role, through policy and practice, across all life stages. A major in Exercise and Health will allow you to have a significant impact within this industry’s development and research giving satisfaction and direction to anyone who is passionate about health and exercise along with opportunities to contribute positively to society within the health domain.

This major develops your understanding and skills in how and why we move, and how exercise can impact our health, giving a solid scientific base to careers in physical activity and health, policy making, exercise rehabilitation, health service delivery, health education and fitness industries. When taken together with the Sport Science major (see page 95), you will be eligible to apply for accreditation as an exercise scientist through the Australian national professional body—Exercise and Sport Science Australia (ESSA).

In the future
Employment opportunities exist in the professions of healthy lifestyle programming for the community and industry, sports development, health and fitness coordination and program management, and as an exercise scientist.

Students with an Exercise and Health major can choose to pursue further studies at honours or postgraduate level. Postgraduate study options at UWA include the Graduate Diploma in Exercise Rehabilitation, Graduate Diploma in Sport and Recreation Management, Graduate Diploma in Work Health and Safety, Graduate Diploma of Education, Master of Teaching, Master of Clinical Exercise Physiology, and the Master of Exercise Science. Students can also pursue specialised postgraduate qualifications in physiotherapy, occupational therapy, health promotion and medicine.

Additional information
handbooks.uwa.edu.au/exercisehealth

Unit sequence

LEVEL 1 CORE UNITS
The Musculoskeletal System and Movement
Human Structure and Athletic Performance

LEVEL 2 CORE UNITS
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
Plus one of the following:
Psychology of Sport
Coaching Psychology

COMPLEMENTARY UNITS
Students nominating Exercise and Health as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
Mathematics Fundamentals
(for those students who did not meet the Mathematics prerequisite)
Physical Fitness and Health
Psychology: Behaviour in Context

© Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Science.
FINANCE
www.studyat.uwa.edu.au/finance

PREREQUISITES
At least Mathematics 2C/2D
Recommended: Mathematics 3A/3B, or
At least Mathematics: Applications ATAR
Recommended: Mathematics: Methods ATAR, or
Mathematics unit(s) may be required as part of your degree

Do you want to help individuals and organisations manage their money? A major in Finance will teach you about the management of financial resources, addressing questions such as how do managers make financial decisions, where do companies get their financing from, how do investors decide how they should invest, and what are the risks and rewards associated with differing financial choices?

You can choose to gain an overall understanding of the field or select units from specialist focus areas in corporate, investment or quantitative finance. If you choose to pursue a career as a financial economist, you have the option to combine your Finance major with a major in Economics.

In the future
Graduates are employed as financial consultants, investment bankers, credit managers, financial analysts, stockbrokers, and financial engineers in banks, corporations and financial institutions.

Students can choose to pursue further study at honours level or undertake a master’s degree such as the Master of Commerce or Master of Business Administration.

Professional Recognition
UWA’s Finance major is accepted by the CFA Institute University Recognition Program. This means UWA’s Finance major positions students well to sit for the Chartered Financial Analyst exams. The CFA qualification is highly sought after by employers globally.

Additional information
handbooks.uwa.edu.au/finance

Unit sequence

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
Marketing Management
Microeconomics: Prices and Markets
Organisational Behaviour

Studying Finance at UWA has helped me to understand the corporate and investment decision-making process. This major provides a range of practical experiences, such as conducting financial analysis and competing on a simulated stock exchange.

Mark Rudrum
In the future

Successful completion of the Fine Arts major will provide you with a unique set of abilities to apply yourself to a number of creative and professional pursuits. You could also pursue postgraduate study in Fine Arts through an honours program progressing to the Master of Fine Arts and/or the advanced field of individual research within a PhD.

Additional information
handbooks.uwa.edu.au/finearts

Unit sequence

LEVEL 1 OPTIONS (select two)
- Art of Visualisation and Recording
- Art in the Environment
- Video Art: Methods and Means
- Art of Drawing
- Art of Expression

LEVEL 2 OPTIONS (select three)
- Video Art: Experimental Investigations
- Aesthetic Crossovers of Art and Science
- Art and Life Manipulation
- Art of the Graphic Novel
- Art of Drawing—Transdisciplinary Practices
- International Studio for Arts and Culture
- Curatorial Practices

LEVEL 3 CORE UNITS
- Advanced Studio
- Advanced Major Project

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 skills in creative media and a capacity to apply critical thinking to studio exploration. Offering units in traditional and emerging methods of art exploration, this major promotes the development of innovative thinking and imaginative application in an active exploration of contemporary issues. A major in Fine Arts will provide you with the knowledge and skills for further study in art or to apply an inventive approach to the resolution of problems within a range of professions.

Studying Fine Arts has really enriched my student experience at UWA. The tutors provide great guidance and inspiration, and I’ve learned how to better express what I think, feel and love. Developing ideas and executing them creatively has been a really interesting and rewarding challenge.

Famida Rahman

www.studyat.uwa.edu.au/fine-arts
Attending weekly seminars on French cinema, gastronomy and haute couture in a small group of like-minded Francophiles made me feel part of a genuine community of language learners.

Gaelen Perrone

FRENCH STUDIES
www.studyat.uwa.edu.au/french

PREREQUISITES
None

Studying French at UWA is not simply about learning a language. It’s an experience that will open your mind to different cultures and enrich you with knowledge of history.

French Studies helps students—from beginners through to near-native speakers—achieve high levels of competency in listening, speaking, writing and reading the French language. Learning the language also introduces you to the culture and intellectual accomplishments of French-speaking people within France and the many French-speaking communities around the world. During the course you may also study classic and contemporary French literature, films and popular culture, providing you with a holistic and stimulating cultural and educational experience.

In the future
Graduates will be well qualified for careers in the diplomatic services, teaching, interpreting and translating, as well as a range of careers in travel, hospitality, publishing, theatre, commerce and international relations. Knowledge of a foreign language also complements other careers.

Additional information
handbooks.uwa.edu.au/french
Gender Studies has provided me with a critical lens with which I may analyse social and cultural issues. It has developed my understanding of the pervasive nature of patriarchal culture, and helped me to apply this understanding in meaningful ways.

Yassaman Rahimi

www.studyat.uwa.edu.au/gender

PREREQUISITES

None

The Gender Studies major traces the history of ideas about gender, its intersections with race, class and sexuality, and how social power works. It is based in the everyday practices and cultural texts of students’ lives and also serves as a reminder of the forms of dominant thinking and dissent on sexuality and identity in the past.

Students learn generic life skills such as collaboration, teamwork, leadership, group dynamics and literacy in screen, print and digital cultures, as well as being grounded in the ethics of equity, diversity and social justice.

In the future

All workplaces have equity policies, so knowledge of Gender Studies is an advantage to any organisation, business or industry. Graduates often find work in the areas of social justice, communications, education, public services, research occupations and professional practice. Gender Studies is invaluable to those progressing to professions such as law, education, journalism, psychology or medicine.

Students can pursue further studies at honours or postgraduate level.

Additional information

handbooks.uwa.edu.au/gender

Unit sequence

LEVEL 1 CORE UNITS

Days of our Lives: Gender in Australia
Reading Bodies

LEVEL 2 CORE UNITS AND OPTION

Sex, Bodies and Spaces
Men and Masculinities in History
Plus one of the following:
Sex, Gender and Social Life
Medieval and Early Modern Women

LEVEL 3 CORE UNIT AND OPTIONS

Feminist Thought
Plus two of the following:
Gender Studies Internship
Screening Gender
Contemporary Korean Society
Gender and Power in Asia

COMPLEMENTARY UNIT

Students nominating Gender Studies as their degree-specific major in the Bachelor of Arts or Bachelor of Philosophy (Honours) course must also study:
Communication in Practice
PREREQUISITES
- At least Mathematics 2C/2D
- Recommended: Mathematics 3C/3D and Chemistry 3A/3B, or
- At least Mathematics: Applications ATAR
  Recommended: Mathematics: Methods ATAR and Chemistry ATAR, or
- Mathematics unit(s) may be required as part of your degree
- July intake: students without Chemistry 3A/3B and either Biology 3A/3B or Human Biology 3A/3B will require 3.5 years to complete

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 found in a domestic animal used in agriculture. Your studies in genetics will involve the analysis of DNA and the many ways in which it is expressed. This major will deliver you a broad overview of the universal principles, potentials and problems associated with DNA-based life, and provide you with the essential skills of a geneticist.

In the future
Graduates find careers in laboratory and field-based research, teaching, or science policy. Employment opportunities exist in agribusiness, medicine, biomedical research, animal and plant biotechnology and breeding, conservation biology, forensics, patent law and genetic counselling.

Students can pursue further study at honours or postgraduate level. Postgraduate options include Graduate Diploma in Infectious Diseases and master’s degrees in Biotechnology, Biomedical Science, Health Science, Infectious Diseases, Forensic Science, and Science Communication.

Additional information
handbooks.uwa.edu.au/genetics

I have been presented with a wide range of concepts, from how life is encoded in our DNA to how disease arises from errors in this code. I have learned how these discoveries were made and had hands-on experience using the very technologies that made this knowledge possible.

Matthew Mahon
I've made wonderful memories in the classroom and on countless field trips; the best of which led me to the Western Australia's Mid West where I undertook a research project on the Chapman River and shared great times with students and staff alike.

Zara Kolatowicz

Many of the world’s most pressing problems require an understanding of the interdependence between human activities and the natural environment. Geographers study the Earth’s landscapes, people and environments. The Geography major is structured to enable students to explore a wide variety of highly contemporary issues and problems requiring the integration of natural and social sciences. The major includes local field work and field trips as well as an opportunity to participate in overseas residential field work in a variety of destinations in South East Asia, North America and Europe.

In the future
The diverse skills and knowledge acquired by Geography graduates results in them being targeted by employers including government authorities, private sector companies, environmental consultancies, NGOs and many other organisations concerned with managing the natural and human environment.

Students can continue to study specialisations within Geography at honours and master’s degree level, including Environmental Management, Urban and Regional Planning, Geographic Information Science and International Development.

Additional information
handbooks.uwa.edu.au/geography

PREREQUISITES
At least Mathematics 2C/2D
Recommended: Mathematics 3C/3D, or
At least Mathematics: Applications ATAR
Recommended: Mathematics Methods ATAR, or
Mathematics unit(s) may be required as part of your degree

Unit sequence

LEVEL 1 CORE UNITS
The Dynamic Planet
Globalisation, Environment and Development

LEVEL 2 CORE UNITS
Geographic Information Systems
Environmental Policy and Planning

LEVEL 3 CORE UNITS
Geographical and Planning Methods
Coastal Environments
Environmental Change
Geographical and Planning Field Studies

COMPLEMENTARY UNITS
Students nominating Geography as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
Science, Society and Communication
(Unless Science Communication is taken as a second major)
Science, Society and Data Analysis
Geomorphology and Soils
Environmental Hydrology

Additional information
handbooks.uwa.edu.au/geography

1 Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Science.
2 Field work costs are subsidised but require student contributions. For more information go to teachingandlearning.uwa.edu.au/ students/fees.
Studying Geology at UWA has positioned me for a graduate role in mining with BHP Billiton, and offers many opportunities to further my prospects with postgraduate studies in exciting research projects.

Adriana Ukalovich

Students studying Geology are encouraged to undertake further studies at honours and postgraduate level. A master’s degree can be studied either by coursework (Geoscience, Hydrogeology and Ore Deposit Geology), or by including a research component in a broad range of geoscience topics, usually in collaboration with industry or government agencies.

Additional information
handbooks.uwa.edu.au/geology

- Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Science.
- Cost of food and accommodation to be borne by the student. For more information go to teachingandlearning.uwa.edu.au/students/fees.

Unit sequence

**LEVEL 1 CORE UNITS**
- The Dynamic Planet
- Introduction to Geology

**LEVEL 2 CORE UNITS**
- Earth Materials
- Earth Processes

**LEVEL 3 CORE UNITS**
- Structural Geology and Tectonics
- Geochemistry and Petrology
- Geological Mapping
- Basin Analysis

**COMPLEMENTARY UNITS**
- Students nominating Geology as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
  - Science, Society and Communication (unless Science Communication is taken as a second major)
  - Science, Society and Data Analysis
  - Environmental Hydrology
  - Field Geology

Do you want to know more about our planet? Geology is a science that seeks to understand Earth as a dynamic system. As a Geology student, you will learn how to interpret geological processes and Earth history, and about the formation of important resources and how climate and environments change through time. The course includes field work with several field trips of one to seven days.

In the future

Employment opportunities are diverse and include the resources industries (e.g. minerals, petroleum, groundwater), government agencies dealing with resources or environmental consultancies and agencies.
My enthusiasm for German engineering led me to choose German Studies as a second major, with my first being Engineering Science. It provides me with a wider range of employment opportunities as well as different ways of thinking, and cultural and historical knowledge of Germany.

Rain Liu

GERMAN STUDIES

www.studyat.uwa.edu.au/german

LOCATION: ARTS BUILDING
UWA CRAWLEY CAMPUS

PREREQUISITES

None

German Studies is the study of the German language and culture.

It teaches students high levels of competence in the German language through speaking, writing, listening and reading. This major offers a wide perspective on German society as it considers the culture and history of German-speaking people, not only in Germany, Austria and Switzerland but across the globe. Social history and culture are studied from the many centuries of German literary tradition—prose, poetry, drama, music, film and advertising.

UWA offers this major from beginners through to near-native speakers.

In the future

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 also complements other careers.

Students can choose to pursue further studies at honours level or undertake a master’s degree such as the Master of Translation Studies.

Unit sequence

<table>
<thead>
<tr>
<th>Level</th>
<th>Beginners</th>
<th>Pre-Intermediate</th>
<th>Intermediate</th>
<th>Advanced</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1</td>
<td>German Studies 1 German Studies 2</td>
<td>German Studies 3B German Studies 3</td>
<td>German Studies 3 German Studies 4</td>
<td>German Studies 5 German Studies 6</td>
</tr>
<tr>
<td>Level 2</td>
<td>German Studies 3 German Studies 4 German Studies 3B</td>
<td>German Studies 5 German Studies 6 German Studies 7</td>
<td>German Studies 5 German Studies 6 German Studies 7 and 8; or German Studies 9 and 10; and German Studies 12</td>
<td></td>
</tr>
<tr>
<td>Level 3</td>
<td>German Studies 5 German Studies 6 German Studies 13</td>
<td>German Studies 7 and 8; or German Studies 9 and 10; and German Studies 13</td>
<td>German Studies 7 and 8; or German Studies 9 and 10; and German Studies 13</td>
<td></td>
</tr>
</tbody>
</table>

STUDY ABROAD

Exchange to Aachen, Berlin, Freiburg, Koblenz or Tübingen

This may be substituted for four Level 2 or Level 3 units (24 points).

Stuttgart Program

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

- 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 German.
- This major is incompatible with a pass in WACE German: GER 2A/2B or higher.
- Admission to this major requires a pass in WACE German: GER 2A/2B. It is incompatible with a pass in WACE German: GER 3A/3B.
- Admission to this major requires a pass in WACE German: GER 3A/3B.
- This major is available to students assessed by the discipline as near-native speakers.

Additional information

handbooks.uwa.edu.au/german
Studying History reinforces your understanding of context in other disciplines, thus allowing you to recognise the significant impacts our past decisions have on our world today.

Pierre Castronovo

**Unit sequence**

**LEVEL 1 OPTIONS** (select two)
- Old Worlds and New Empires
- Environmental History

**LEVEL 2 OPTIONS** (select three)
- Thinking History
- Medieval and Early Modern Women
- Restaging the Past: Cinema and the Practice of History
- The Rise and Fall of European Fascism
- Hitler, the Holocaust and the Historians
- From ‘Glorious Revolution’ to Industrial Revolution: Making Britain, 1688–1888
- White Supremacy
- Australia in the Sixties
- Europe: Crusades to Black Death
- Imperial America — 1845 to Present
- Renaissance, Reformation, Revolt: Europe 1450–1650
- Crises and Controversies in Australian History
- The City in History
- Australian Public History: the Uses of the Past

**LEVEL 3 OPTIONS** (select three)
- Introduction to African History
- Twentieth-century Britain
- Crime and Punishment in Britain, 1600–1900
- Western Australia: History and Heritage
- From Sudan to Saddam: Australia’s Foreign Wars
- Russia and the Soviet Union in the Twentieth Century
- The Vikings
- Early Modern France 1500–1789
- Making History
- African American History: Freedom Struggles from Plantation to Prison and Beyond
- Mythistory: Science Fiction, Fantasy and the Historical Imagination
- Intimate Strangers: Journeys in Indigenous and Non-Indigenous Australian History

**COMPLEMENTARY UNIT**

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

Students can choose to pursue further studies at honours or postgraduate level or undertake a master’s degree such as the Master of Heritage Studies or Master of Social Research Methods.

**PREREQUISITES**

None

“History is a guide to navigation in perilous times. History is who we are and why we are the way we are”. (David G. McCullough, author and two-time Pulitzer Prize winner).

Studying History introduces you to the way we create the collective memory of the human race. Sorting out the facts from fiction requires careful sifting of evidence when investigating the deep causes of events such as the American Revolution, the First World War, the fall of Communism or the colonisation of Australia. It requires you to judge historical interpretations and to pit your own interpretation against those reached by other students. History will challenge you through lots of arguments, shared discoveries and fun.

**In the future**

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

**Additional information**

handbooks.uwa.edu.au/history
The History of Art major provides the practical and theoretical grounding necessary to enter the arts industry and comprehend the manner in which civilisations visually imagine themselves. The major covers key moments in the development of visual art movements in Australasia and Europe. The diversity in design of units allows you to graduate with skills in visual analysis and sophisticated arts communication that empowers you to make your own opportunities. The art world is one in which artists and their supporters create their own networks and ideas. This major introduces you to this experience and provides you with the skills to make the most from it.

In the future
Graduates from the History of Art major generally go on to work within the arts industry; the network of artists, collectors, curators and galleries, working locally and internationally. History of Art provides skills to manage art collections, exhibitions and residencies, enter professions in art education, the museum tourism television production; as well as the expertise to work as art practitioners, conservators and administrators in private and public galleries.

Additional information
handbooks.uwa.edu.au/arthistory
Through examining how developments occur in both urban and regional areas, we can see where Western Australia has come from and in which direction it is heading.

Nicholas William Breadsell

In the future

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 land development.

Students can pursue further studies at honours or masters level in either Urban and Regional Planning or Geography. Students gaining Honours in Urban and Regional Planning will be eligible to apply for professional membership of the Planning Institute of Australia.

Additional information

handbooks.uwa.edu.au/humangeogplanning

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

PREREQUISITES

None

Human Geography and Planning involves understanding and guiding the development of cities and regions. It focuses on some of the major challenges currently facing society including the population explosion, rapid urbanisation, poverty and homelessness, land use conflict, cultural diversity, economic development and ecological sustainability. As a student you will develop the 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. The major includes local field work trips and an opportunity to participate in overseas residential field work in a variety of destinations in South East Asia, North America and Europe.

Unit sequence

LEVEL 1 CORE UNITS
Geographies of Global Cities
Globalisation, Environment and Development

LEVEL 2 CORE UNITS
Geographies of Economic Development
Social Geography and Planning

LEVEL 3 CORE UNITS
Geographical and Planning Methods
Urban Design for Planners
Regional Development and Planning
Geographical and Planning Field Studies

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

Communication in Practice
Geographic Information Systems
Environmental Policy and Planning
Human Resource Management has helped me to gain insight into the workings of the private and public sectors of HR. The UWA Business School and its faculty society, ECOMS, of which I am currently the Education Vice-President, provide opportunities for students studying this discipline to network with industry professionals.

Ashleigh Kotula

HUMAN RESOURCE MANAGEMENT


Human Resource Management explores how the proper, effective management of employees contributes towards organisational efficiency. This major provides you with a thorough theoretical and practical grounding in the management of people and employment in Australia and overseas.

You will complete study in areas including organisational behaviour, employment relations systems and processes, human resource planning, recruitment and selection, performance management, training and development, occupational health and safety, work organisation, and negotiation and conflict resolution, giving you valuable skills as an employee in any industry.

In the future

This major complements other studies and careers in management and prepares you for a career in human resources in both the public sector and private organisations.

Students can choose to pursue study at honours level or undertake a master’s degree such as the Master of Human Resources and Employment Relations, Master of Commerce or Master of Business Administration.

Additional information

handbooks.uwa.edu.au/humanresourcemgmt

PREREQUISITES

At least Mathematics 2C/2D
Recommended: Mathematics 3A/3B, or
At least Mathematics: Applications ATAR
Recommended: Mathematics: Methods ATAR, or
Mathematics unit(s) may be required as part of your degree

Unit sequence

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
Marketing Management
Microeconomics: Prices and Markets

Additional information

handbooks.uwa.edu.au/humanresourcemgmt

Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Commerce.
INDIGENOUS KNOWLEDGE, HISTORY AND HERITAGE

The Indigenous Knowledge, History and Heritage major provides the opportunity to learn about the history, culture and world view of Aboriginal peoples in Australia and other countries, and gives you the cultural awareness needed in the workforce when interacting with Indigenous people.

Scott Wilson

www.studyat.uwa.edu.au/indigenous-knowledge

LOCATION: PELICAN POINT, CRAWLEY

PREREQUISITES
None

The Indigenous Knowledge, History and Heritage major comprises an interdisciplinary program that allows you to explore Indigenous world views and historical experiences of Indigenous peoples in Australia and internationally, and critically analyse Western disciplinary constructs around Indigenous knowledge and people. In completing the major you will engage with Indigenous people including elders in the community and Aboriginal academics. Graduates gain a broad understanding and knowledge of Aboriginal people, and their ability to work appropriately and effectively with Indigenous peoples is enhanced. They increase their ability to work in culturally competent ways and develop flexible, generic and portable skills essential to a changing global environment.

In the future
The broad skills base and adaptable approach of graduates from the major are valuable in areas such as legal and human rights organisations, government departments, business and industry, education, trade and tourism, health and the environment.

Students may choose to pursue further studies at honours or postgraduate level.

Practicum or field units
The units in this major include interactive field trips to a variety of areas in Western Australia where traditional owners provide students with a greater understanding of the land’s history, cultural and natural environment.

Additional information
handbooks.uwa.edu.au/indigenousknowledge

Unit sequence

LEVEL 1 CORE UNITS
Aboriginal Encounters: Strangers in Our Backyard
Boodjar Moort Katitjin: Introduction to Indigenous Heritage and Knowledge

LEVEL 2 CORE UNITS AND OPTION
Knowing Country: The Dreaming and Darwin
Indigenous Knowledge: Mind, Body and Spirit

Plus one of following:
Indigenous Representation
Curatorial Practices
Looking North: The Wild West

LEVEL 3 CORE UNIT AND OPTIONS
Indigenous Research

Plus two of following:
Intimate Strangers: Journeys in Indigenous and Non-Indigenous Australian History
Indigenous People and Global Issues
Indigenous Design Studio
Sharing Space
Indigenous Ways of Knowing

COMPLEMENTARY UNIT
Students nominating Indigenous Knowledge, History and Heritage as their degree-specific major in the Bachelor of Arts or Bachelor of Philosophy (honours) course must also study:
Communication in Practice

The University of Western Australia | 2016 UNDERGRADUATE COURSE GUIDE | 65
Studying Indonesian at UWA has many advantages: interactive classes, enthusiastic lecturers, the opportunity for in-country learning and good employment prospects. I am hoping that my UWA degree will equip me for a role in foreign affairs or international relations. Selamat belajar!

Tristan Wojnar-Horton

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### Unit sequence

<table>
<thead>
<tr>
<th>PREREQUISITES</th>
<th>None</th>
</tr>
</thead>
</table>

A major in Indonesian enables you to achieve a high level of fluency in the language of Australia’s closest neighbour and the world’s fourth largest country. Indonesian is a relatively easy language to learn as it uses the Roman script and is simple to spell and pronounce. Indonesian is a popular choice for beginners but is also available for students who have studied at high school level or equivalent. As well as learning how to speak, read and write Indonesian, you will be enriched through exposure to this fascinating culture. You will also have the exciting opportunity to spend a semester studying at an Indonesian university—a life-changing experience not to be missed.

### In the future

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 hospitality industries. Graduates are also well equipped to travel around Indonesia and explore its rich cultures and beautiful natural environment.

Students can choose to pursue further studies at honours or postgraduate level.

### Additional information

handbooks.uwa.edu.au/indonesian

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### PREREQUISITES

**None**

**LEVEL 1**

<table>
<thead>
<tr>
<th>BEGINNERS</th>
<th>PRE-INTERMEDIATE</th>
<th>INTERMEDIATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indonesian 1</td>
<td>Indonesian 3A</td>
<td>Indonesian 3</td>
</tr>
<tr>
<td>Indonesian 2</td>
<td>Indonesian 3</td>
<td>Indonesian 4</td>
</tr>
</tbody>
</table>

**LEVEL 2**

<table>
<thead>
<tr>
<th>BEGINNERS</th>
<th>PRE-INTERMEDIATE</th>
<th>INTERMEDIATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indonesian 3A</td>
<td>Indonesian 4</td>
<td>Indonesian 5</td>
</tr>
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<td>Indonesian 3</td>
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<td>Indonesian 6</td>
</tr>
<tr>
<td>Indonesian 4</td>
<td>Indonesian 6</td>
<td>plus one of the units listed below</td>
</tr>
</tbody>
</table>

**LEVEL 3**

<table>
<thead>
<tr>
<th>BEGINNERS</th>
<th>PRE-INTERMEDIATE</th>
<th>INTERMEDIATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indonesian 5</td>
<td>Indonesian 7</td>
<td>Indonesian 7</td>
</tr>
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<td>Indonesian 6</td>
<td>Indonesian 8</td>
<td>Indonesian 8</td>
</tr>
<tr>
<td>Indonesian Politics and Culture</td>
<td>Indonesian Politics and Culture</td>
<td>Indonesian Politics and Culture</td>
</tr>
</tbody>
</table>

**COMPLEMENTARY UNIT**

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

Communication in Practice

**STUDY ABROAD**

**Indonesian Field Study (equivalent to two Indonesian language units)**

Provides intensive language study at an Indonesian university over six to eight weeks during summer break.

**Indonesian In-country (equivalent to four Indonesian language units)**

This is a full-time semester of study in Indonesia. It may be substituted for any four units (24 points) of the Indonesian major after completing Indonesian 3 or equivalent (for Beginners) or Indonesian 4 or equivalent (for Pre-Intermediate and Intermediate).

- Students should consult Asian Studies in the School of Social Sciences before enrolling to determine the appropriate major, if they are uncertain about the appropriate major for their level of Indonesian.
- This major is incompatible with a pass in WACE Indonesian: Second Language IND 2A/2B or higher.
- Admission to this major requires a pass in WACE Indonesian: Second Language IND 2A/2B. It is incompatible with a pass in WACE Indonesian: Second Language IND 3A/3B.
- Admission to this major requires a pass in WACE Indonesian: Second Language IND 3A/3B.
- Environment, Power and Disasters in Asia; Culture, Society and the State in Asia; Australia and Asia; Popular Culture in Asia (not all units are available every year)

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PHOTO LOCATION: TROPICAL GROVE

 LOCATION: UWA CRAWLEY CAMPUS

www.studyat.uwa.edu.au/indonesian
Studying Integrated Design gave me the opportunity to be artistically creative, while expanding my knowledge and applying my design skills. I have enjoyed exploring the many applications of design in different situations, as well as introducing and applying these concepts in my engineering units.

—— Tatiana Joannides

INTEGRATED DESIGN

www.studyat.uwa.edu.au/integrated-design

LOCATION: ALVA STUDIO
UWA NEDLANDS

In the future
Integrated Design major can lead to careers or further study in the design disciplines including urban design, planning, industrial and product design, computer modelling, film and theatre design, building design and management.

Further studies include the Professionally accredited Master of Architecture, the Master of Landscape Architecture and the Master of Urban Design.

Additional information
handbooks.uwa.edu.au/integrateddesign

UNIT SEQUENCES

LEVEL 1 CORE UNITS
Studio Fundamentals
Techniques of Visualisation

LEVEL 2 CORE UNITS
Design Communication
Future Making
Integrated Design Studio 2—Making

LEVEL 3 CORE UNITS
Integrated Design Studio 3—Complex
Advanced Design Thinking

COMPLEMENTARY UNITS
Students nominating Integrated Design as their degree-specific major in the Bachelor of Design or Bachelor of Philosophy (Honours) course must also study:
Art, Technology and Society
Aside from the high-quality teaching, UWA offers all Italian students the opportunity to undertake a three-week language course in Bergamo. This unique experience not only enhanced my Italian language skills, but most importantly, it widened my vision about the Italian culture.

Alice Fan

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### Unit sequence

<table>
<thead>
<tr>
<th>Level</th>
<th>Beginners</th>
<th>Intermediate</th>
<th>Advanced</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1</td>
<td>Italian Studies 1</td>
<td>Italian Studies 3</td>
<td>Italian Studies 5</td>
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<tr>
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<td>Italian Studies 8</td>
<td>Italian Studies 10</td>
</tr>
<tr>
<td></td>
<td>plus one Level 3 option</td>
<td>plus one Level 3 option</td>
<td>plus one Level 3 option</td>
</tr>
</tbody>
</table>

### Level 3 Options

- Italian Studies 13
- Italian Studies 14

### Study Abroad

**Exchange to Italy.**

Students may substitute units towards the major from exchange.

- 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 WACE Italian: ITA 2A/2B or higher.
- Admission to this major requires a pass in WACE Italian: ITA 2A/2B.
- This major is available to students assessed by the discipline as near-native speakers.

**Students can choose to pursue further studies at honours level or undertake a master’s degree such as the Master of Translation Studies.**

### Additional information

handbooks.uwa.edu.au/italian
I had a once in a lifetime experience spending a semester studying abroad at a prestigious university in Tokyo, and in doing so earned credit towards both my Japanese and Management majors. I became confident using Japanese in everyday situations and gained a new level of cross-cultural awareness.

Nicole Celestine

The Japanese Students’ Association provide further opportunities for language practice, cultural exchange, socialising and networking.

In the future

Graduates with a major in Japanese can find employment in federal and state government departments and a wide range of organisations in private industry as well as community organisations. The combination of Japanese with a major in another discipline is becoming particularly attractive to employers.

Knowledge of the Japanese language, culture and society provides you with an introduction to one of Asia’s most important centres of culture and modern business. This major caters for beginners and for students who have studied Japanese to high school level or equivalent and also offers support for study in Japan.

Japan is the third largest economy in the world with strong trading links with Australia. Its traditional culture has long been admired in the West while contemporary Japanese popular culture, from anime to J-pop, has wide appeal globally today.

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

Communication in Practice

STUDY ABROAD

Exchange to Japan.

Students may substitute units towards the major from exchange.

Students should consult Asian Studies in the School of Social Sciences before enrolling to determine the appropriate major, if they are uncertain about the appropriate major for their level of Japanese.

This major is incompatible with a pass in WACE Japanese: Second Language JSL 2A/2B or higher.

Admission to this major requires a pass in WACE Japanese: Second Language JSL 2A/2B. It is incompatible with a pass in WACE Japanese: Second Language JSL 3A/3B.

Admission to this major requires a pass in WACE Japanese: Second Language JSL 3A/3B.

Environment, Power and Disasters in Asia; Culture, Society and the State in Asia; Australia and Asia; Popular Culture in Asia (not all units are available every year)

Students can choose to pursue further studies at honours or postgraduate level such as Master of Japanese Studies (Research).

Additional information

handbooks.uwa.edu.au/japanese
PREREQUISITES

None

With the rapid economic development of the Republic of Korea (South Korea), and its position as the third biggest trading partner for Western Australia, Korean Studies is an increasingly important area of study that equips students with not only linguistic, but also cultural competence and intercultural understanding of the two Koreas.

The course structure includes a strong element of Korean language studies, as well as social sciences units which give students opportunities to pursue topics that they find personally interesting, from literature and popular culture to politics and history. Students also have the choice of undertaking part of their major at a partner institution in Korea.

Combining this major with a Science major is also a popular option as Korean Studies graduates with good language skills are employable in a variety of professional and management careers.

In the future

Korean Studies graduates are increasingly sought after in many professional and management careers in positions where good linguistic and cultural expertise is required such as government departments (including Defence, Immigration and Citizenship, Foreign Affairs and Trade), as well commercial enterprises investing in Korea especially in the resources sector.

Students can choose to pursue further studies at honours level or other postgraduate options including professional qualifications listed on pages 98–109.

Additional information

handbooks.uwa.edu.au/korean

KOREAN STUDIES

www.studyat.uwa.edu.au/korean

Taking Korean Studies at UWA has been an awesome experience that has given me an understanding of the country that goes far beyond simply learning the language. It has opened my eyes to possibilities outside of Australia, and I look forward to being able to work or study there in the future.

Cameron Gilchrist

Unit sequence

BEGINNERS

LEVEL 1 CORE UNITS

Korean 1
Korean 2

LEVEL 2 CORE UNITS

Korean 3
Korean 4
Readings in Korean Language and Culture

LEVEL 3 CORE UNITS

Korean 5
Korean 6
Contemporary Korean Society

COMPLEMENTARY UNIT

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

Communication in Practice

STUDY ABROAD

This major follows the 2-3-3 structure in line with all other language majors offered by the Faculty. Students can substitute units in the major through completing Korean Study Abroad units (KORE2801 or KORE3802). A full-time 13-week semester that involves significant element of language tuition at a partner institution in Korea is considered the equivalent of 12 points within this major sequence and can be substituted for two Korean language units at any level in Korean Studies (KORE1401, KORE1402, KORE2401, KORE2402, KORE3405 or KORE3406).

* Korean Studies major is taught from ab initio basis and no previous knowledge of Korean is required. 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.

www.studyat.uwa.edu.au/korean

LOCATION: VISITORS CENTRE
UWA CRAWLEY CAMPUS
I decided to study Landscape Architecture because I wanted to design open spaces in order to benefit a greater number of people. I also had the opportunity to study visual art units, which helped me to express myself artistically.

Maisa Mazzini

LANDSCAPE ARCHITECTURE

www.studyat.uwa.edu.au/landscape

PREREQUISITES

None

Landscape Architecture is a design major concerned with improving the quality of our environment through good design. It focuses on all aspects of landscape and urban design that contribute to the welfare of the community and quality of the environment in general. By studying this major, you will develop essential skills in critical thinking and problem solving, providing you with the necessary foundation to pursue a professional postgraduate qualification in Landscape Architecture.

Landscape architects deal with issues such as global warming and climate change, as well as addressing social inequity through improving the context in which we live. It is a ‘profession of the future’.

In the future

Landscape Architecture offers career opportunities with landscape architectural and urban design firms in private and public practice, environmental planning consultancies, land development agencies, parks and recreation planning, conservation practices and city and regional planning.

Students can choose to pursue further studies at postgraduate level including the professionally accredited Master of Landscape Architecture (see page 103) or the Master of Urban Design.

Additional information

handbooks.uwa.edu.au/landscape

Unit sequence

LEVEL 1 CORE UNITS
- Techniques of Visualisation
- Landscape Architecture Studio — Groundings

LEVEL 2 CORE UNITS
- Site Manipulation
- Landscape Architecture Studio — Considerations
- Landscape Architecture Studio — Speculations

LEVEL 3 CORE UNITS
- Plants and Landscape Systems
- Landscape Architecture Studio — Expansions
- Landscape Architecture Studio — Resolutions

COMPLEMENTARY UNITS
- History and Theory of Landscape Architecture
- Structures and Natural Systems
- Future Making
By choosing the Law and Society major within the Bachelor of Arts, you will gain career building knowledge of the impact of law in society—both locally and globally. Subjects you may choose to study include human rights, crime and justice, freedom of expression, and decisions about birth and death.

The knowledge gained will help you to make informed decisions and attain highly sought after graduate attributes including critical thinking, strong communication skills, reasoning ability and problem-solving skills.

The major also provides you with an opportunity to decide if you want to advance towards becoming a practicing lawyer by completing the postgraduate law degree—the Juris Doctor.

In the future
In combination with other study, graduates will be qualified for roles in the government, not-for-profit or commercial sectors. These include law-related policy and research roles in law reform and justice agencies; and positions that draw on knowledge of law, such as human resources, industrial relations, human rights and legal assistance.

Students can choose to pursue further studies at postgraduate level including the Juris Doctor (JD).

Additional information
handbooks.uwa.edu.au/lawsociety

The Law and Society major provides an in-depth insight into contemporary social issues and their interaction with the law. Combining Law and Society with Political Science and International Relations has given me a broader insight into current national and international issues.

Tiffany Lau

Unit sequence

LEVEL 1 CORE UNITS
Crime and Society
Law, Conflict and Change

LEVEL 2 CORE UNIT AND OPTIONS
Law in Action
Plus two of the following:
- Criminal Justice System
- Evolution of Human Rights
- International Legal Institutions
- Creative Expression and the Law
- Indigenous Peoples and the Law
- Birth, Life, Death and the Law
- Work and the Law

LEVEL 3 CORE UNIT AND OPTIONS
Investigating Law and Society
Plus two of the following:
- Law and Religion
- Crime, Justice and Public Policy
- Law and Contemporary Social Issues
- Gender and the Law

Not all units are available every year. Further options will be added over the next few years.
Linguistics is a real crossover discipline—it melds scientific rigour with deeply human perspectives. It has afforded me many opportunities, from research projects looking at indigenous Australian languages to an exchange in Paris that tied in beautifully with my second major in French Studies!

Daniel Ortlepp

Linguistics is the study of the nature of human language and communication, how languages are structured, learned and used in different cultures and societies, and how they change through time. It is concerned with what languages have in common as well as how they differ from one another and includes both theoretical research and practical field-orientated projects. You will have the opportunity to learn about a range of the world’s languages, from the familiar such as Australian English, European and Asian languages, through to the minority languages from Australia and around the world. You do not need to know a second language to excel in Linguistics—all you need is a healthy curiosity.

Linguistics offers a broadening unit Communication Across Cultures and Languages beneficial for students studying any degree.

In the future
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 careers in language teaching, speech therapy, journalism, broadcasting, translation, interpreting, Indigenous education and support work and information technology.

Students can choose to pursue further studies at honours or postgraduate level.

Additional information
handbooks.uwa.edu.au/linguistics

Unit sequence

PREREQUISITES
None

LEVEL 1 CORE UNITS
Language and Communication
Language as a Cognitive System

LEVEL 2 CORE UNITS
Phonetics and Phonology: the Sounds of the World’s Languages
Grammatical Theory: the Structure of Sentences
Language, Culture and Society

LEVEL 3 OPTIONS (select three)
Linguistic Typology: the Diversity of Languages
Morphology: the Structure of Words
Historical Linguistics: Language History and Language Change
Linguistics of Australian Indigenous Languages
Semantics: Meaning in Language
Pragmatics: Meaning in Use
Topics in Linguistic Theory

COMPLEMENTARY UNIT
Students nominating Linguistics as their degree-specific major in the Bachelor of Arts or Bachelor of Philosophy (Honours) course must also study:
Communication in Practice
Management provides invaluable problem solving skills that are applicable in an industry setting, as well as everyday life. By combining management with marketing units, I have established a diversified skill base to tackle real life managerial issues from an innovative perspective.

Mitchell Blott
Marine Science has given me insight into not only the biologically and physically based processes, but also human impact and use of the oceans.

Natalie Prinz

Marine Science has given me insight into not only the biologically and physically based processes, but also human impact and use of the oceans.

Natalie Prinz

LEVEL 1 CORE UNITS
The Dynamic Planet
Plant and Animal Biology

LEVEL 2 CORE UNITS
Marine Systems
Global Climate Change and Biodiversity

LEVEL 3 CORE UNITS
Coastal Conservation and Management
Field Techniques in Marine Science
Oceanography
Ecological Processes

COMPLEMENTARY UNITS
Students nominating Marine Science as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (honours) course must also study:
Science, Society and Communication (unless Science Communication is taken as a second major)
Science, Society and Data Analysis
Geographic Information Systems
Conservation Biology

In the future
Marine science graduates are employed in a wide range of areas including fisheries management, marine conservation agencies, environmental consulting firms, the offshore resource industry, the commercial and recreational fishing sector, local and international NGOs or in research at CSIRO, AIMS and other institutions.

Students can pursue further studies at honours or postgraduate level. Specialisations include Marine Biology, Marine and Coastal Management or Conservation Biology.

Additional information
handbooks.uwa.edu.au/marinescience

PREREQUISITES
At least Mathematics 2C/2D
Recommended: Mathematics 3C/3D, or
At least Mathematics: Applications ATAR
Recommended: Mathematics: Methods ATAR, or
Mathematics unit(s) may be required as part of your degree

If you are fascinated by our amazing marine and coastal environments then Marine Science is the major for you. Marine Science is the study of the ocean, its ecosystems and life forms as well as the study of coastal environments, oceanic currents and the sea floor. This major includes marine biology and ecology, marine and coastal management, and oceanography, combining 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. This major includes domestic residential field trips of two to six days and an optional three-week field trip to eastern Indonesia.

Unit sequence

LEVEL 1 CORE UNITS
The Dynamic Planet
Plant and Animal Biology

LEVEL 2 CORE UNITS
Marine Systems
Global Climate Change and Biodiversity

LEVEL 3 CORE UNITS
Coastal Conservation and Management
Field Techniques in Marine Science
Oceanography
Ecological Processes

COMPLEMENTARY UNITS
Students nominating Marine Science as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (honours) course must also study:
Science, Society and Communication (unless Science Communication is taken as a second major)
Science, Society and Data Analysis
Geographic Information Systems
Conservation Biology

Additional information
handbooks.uwa.edu.au/marinescience

PREREQUISITES
Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Science.
Cost of food and accommodation to be borne by the student. For more information go to teachingandlearning.uwa.edu.au/students/fees.
Marketing is all about how you would communicate the value of a product to a customer in order to satisfy one's need. The opportunity to undertake music broadening units have helped me to become more open-minded and expressive which has enhanced my learning in Marketing.

Siti Mohamad Izham

You can choose to gain an overall understanding of the field or select units that allow you to specialise in entrepreneurship and innovation.

In the future
A Marketing major can lead to careers in areas such as marketing management, advertising, sales management, distribution control, product development and branding, new venture creation and marketing research or consulting.

Students can choose to pursue further study at honours level or undertake a specialist master’s degree such as the Master of Marketing, Master of Commerce or Master of Business Administration.

Additional information
handbooks.uwa.edu.au/marketing

Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Commerce.

www.studyat.uwa.edu.au/marketing

LOCATION: SUBIACO BUSINESS DISTRICT

Unit sequence

LEVEL 1 CORE UNITS
Consumer Behaviour
Marketing Management

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

PREREQUISITES
At least Mathematics 2C/2D
Recommended: Mathematics 3A/3B, or
At least Mathematics: Applications ATAR
Recommended: Mathematics: Methods ATAR, or
Mathematics unit(s) may be required as part of your degree

Do you want to know why customers choose certain products and brands, and what influences these decisions? Studying Marketing will provide you with the understanding and skills needed to align customer needs to an organisation’s output of goods, services or information. The Marketing major includes study in areas such as consumer behaviour, promotion, advertising, market research, project and channel management and strategic marketing. Practical projects you will undertake may include developing marketing plans, implementing advertising campaigns, or conducting and interpreting interviews with customers.
Mathematics is humanity’s most powerful tool for comprehending the universe and is essential for fields such as science, technology, engineering and finance. Mathematicians contribute creatively to almost every aspect of modern life, and this major will equip you with the mathematical tools and techniques of at least two of the three major disciplines of pure mathematics, applied mathematics and mathematical statistics.

In the future
Demand for mathematics and statistics graduates is high across a wide range of industries and professions including medical research institutes; finance; Federal government bodies (Australian Bureau of Statistics, CSIRO and more); state government departments; university research; commercial statistical consulting; market and opinion research in industries; and insurance companies.

Students can choose to pursue further studies at honours level and progress to a postgraduate research degree.

Additional information
handbooks.uwa.edu.au/mathematics

PREREQUISITES
Mathematics 3C/3D and Mathematics Specialist 3C/3D, or Mathematics: Specialist ATAR

In the future
Demand for mathematics and statistics graduates is high across a wide range of industries and professions including medical research institutes; finance; Federal government bodies (Australian Bureau of Statistics, CSIRO and more); state government departments; university research; commercial statistical consulting; market and opinion research in industries; and insurance companies.

Students can choose to pursue further studies at honours level and progress to a postgraduate research degree.

Additional information
handbooks.uwa.edu.au/mathematics

LEVEL 1 CORE UNITS
Mathematical Methods 1
Mathematical Methods 2

LEVEL 2 OPTIONS (select two)
Introduction to Applied Mathematics
Introduction to Pure Mathematics
Fundamentals of Probability with Applications

LEVEL 3 OPTIONS
Select two groups of units (four units in total)

GROUP 1: APPLIED MATHEMATICS
Dynamics and Control
Scientific and Industrial Modelling

GROUP 2: MATHEMATICAL STATISTICS
Random Processes and their Applications
Statistical Science

GROUP 3: PURE MATHEMATICS
Analysis and Geometry
Algebraic Structures and Symmetry

COMPLEMENTARY UNIT
Students nominating Mathematics and Statistics as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
Introduction to Scientific Practices
Are you inspired by tales of the Vikings, moved by the drama of Shakespeare, intrigued by medieval castles and cathedrals, fascinated by the Renaissance, or curious about gender and sexuality throughout history? A major in Medieval and Early Modern Studies (MEMS) explores Europe between the fifth and eighteenth centuries from a variety of perspectives including history, literary studies, Latin, visual arts, philosophy and archaeology. The social and cultural structures and practices of contemporary Australia are still heavily influenced by the mindsets that European settlers and immigrants brought with them.

Studying MEMS will enable you to explore this background to our present through a wide and diverse range of topics, from a uniquely Australian perspective.

In the future
Because graduates majoring in MEMS learn to conduct informed analyses within a wide range of methodologies, they are well prepared for employment in areas such as journalism, the media, cultural and heritage institutions (such as museums and art galleries), the diplomatic corps, publishing and education. Students can choose to pursue further studies at honours level or undertake a master’s degree such as a Master of Medieval and Early Modern Studies.

Additional information handbooks.uwa.edu.au/medieval
The major in Microbiology and Immunology includes the study of bacteria, viruses, fungi and protozoa, the roles these microorganisms play in health, disease and the environment, and how the human body deals with them.

This major covers a range of topics including immunology, the study of how the body’s immune system protects itself from infectious disease; microbial genetics and molecular biology; the pathogenesis, epidemiology and control of infectious diseases; and the role of microbes in industry and the environment. You will receive a thorough grounding in the scientific basis of the discipline and its applications in the real world.

In the future
Career opportunities for graduates exist in a wide range of areas including the healthcare industry, pharmaceutical companies, biomedical research institutes, CSIRO, the mining industry, biotechnology companies, public and private diagnostic laboratories and universities.

You can choose to pursue further studies in the Master or Graduate Diploma in Infectious Diseases, the Master of Clinical Pathology or a postgraduate research degree such as a PhD. Students opting for postgraduate study in medicine, nursing, podiatry or dentistry may benefit from this major.

Additional information
handbooks.uwa.edu.au/microbiology

Progressing through the Microbiology and Immunology major is like discovering a whole new world that you never knew existed. It’s fascinating to learn how the complex relationships between bacteria, fungi, viruses and other microbes impact our everyday lives.

George Mercer

PREREQUISITES
At least Mathematics 2C/2D
Recommended: Mathematics 3C/3D and Chemistry 3A/3B, or
At least Mathematics: Applications ATAR
Recommended: Mathematics: Methods ATAR and Chemistry ATAR, or
Mathematics unit(s) may be required as part of your degree

PROFESSIONAL RECOGNITION
Australian Society for Microbiology

Unit sequence

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
Introductory Microbiology
Introduction to Infectious Diseases and Immunology

LEVEL 3 CORE UNITS
Viruses and Viral Disease
Immunity and Infection
Bacteria and Bacterial Disease
Applied and Environmental Microbiology

COMPLEMENTARY UNIT
Students nominating Microbiology and Immunology as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
Introduction to Scientific Practices

Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Science.
Music Studies provides you with a broad grounding in music and allows you to choose a specialist area of music study in addition to studying a common core of units. This major ensures that you develop expertise and skills in the areas of performance or composition, harmony and aural, Western art music history, as well as popular and world musics. Many students combine this major with another area of study. As a result you will have the experience of studying alongside 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 Specialist Music Studies (see page 81) major.

In the future
The breadth of communication, musical, analytical, written and research skills that students acquire are desirable in a wide range of professions. Some graduates may pursue careers as professional performing musicians while others may gain employment in areas of teaching, composing, arranging, arts management, journalism and community music.

Additional information
handbooks.uwa.edu.au/music

- Prerequisites may not apply to students completing this major in a degree other than the Bachelor of Arts.

My degree has enabled me to thrive amongst an inspiring group of enthusiastic musicians and educators, equipping me with all the necessary skills and experiences required in order to take my career to where I want it to be. I’ve also been able to study astronomy as a broadening unit as well as choose Exercise and Health as a second major.

Joel Hodgson

PREREQUISITES
Music 3A/3B or equivalent (e.g. AMEB, Associated Boards, etc.), plus audition, or Music ATAR or equivalent, plus audition.

Unit sequence

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)
Plus one of the following:
Music in World Cultures
Chamber Music

LEVEL 3 CORE UNIT AND OPTIONS
Western Art Music 3 (Modernist and Postmodernist)
Plus two of the following:
Drama Through Music: Studies in Opera
Soundscapes of Australia
Music, Identity and Place
Music, Mind and Medicine
Gongs, Punks and Shadow Plays
Music, Aesthetics and Criticism
Music in the Community
Advanced Ensemble

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:
Practical Music 1
Practical Music 2
Music Language 1
Music Language 2
Specialist Music Studies has a perfect balance of theory and practice. The mix of units provide a foundation for understanding music within a social and cultural context and its application to practical performance.

Aniarani Andita

PREREQUISITES
Music 3A/3B or equivalent (e.g. AMEB, Associated Boards, etc.), plus audition, or Music ATAR or equivalent, plus audition

Specialist Music Studies is a stepping-stone to a variety of careers in the music profession. 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. These studies enable you, as an emerging musician, composer or researcher, to pursue postgraduate training at national and international centres of music excellence; postgraduate study to become an accredited music teacher; or advanced research training in various music sub-disciplines.

Specialist Music Studies must be taken as a second major concurrently with Music Studies (see page 80).

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

Students can choose to pursue further studies at honours or postgraduate level such as the Master of Music or Master of Teaching (Music).

Additional information
handbooks.uwa.edu.au/specialistmusic

Unit sequence

LEVEL 1 (no core units)

LEVEL 2 CORE UNITS
Practical Music 3
Practical Music 4
Music Language 3
Music Language 4

LEVEL 3 CORE UNITS AND OPTION
Practical Music 5
Music Education in Research and Practice
Digital Audio
Plus one of the following:
Practical Music 6
Music Analysis in Theory and Practice
Topics in Performance Practice
From environmental economics to understanding policies, this major uses a varied yet practical response to understanding the environmental challenges our current and future generations are faced with.

Hannah Daga

NATURAL RESOURCE MANAGEMENT


PREREQUISITES
At least Mathematics 2C/2D
Recommended: Mathematics 3C/3D, or
At least Mathematics: Applications ATAR
Recommended: Mathematics Methods ATAR, or
Mathematics unit(s) may be required as part of your degree

PROFESSIONAL RECOGNITION
The Australian Institute of Agricultural Science and Technology (AIAST)

Globally, growing populations and rising incomes are placing ever greater demands on the Earth’s environment and natural resources. A key challenge society faces is managing these demands to ensure we do not over exploit our natural resources and degrade the natural environment. This major will teach you how to apply scientific, economic, and social knowledge to help society stay on a sustainable development path. If you have a strong interest in combining bio-physical science and social science to the sustainable management of natural resources and the environment you are well-suited to studying this major. This major includes field work and extended field trips.

In the future
Exciting career paths await graduates, with key employers including Commonwealth and state departments and agencies responsible for the environment, conservation, climate change policy, agriculture and food mining, fisheries, and other primary industries. Future employers also include private sector firms in mining, energy or forestry, and a multitude of international and non-governmental organisations such as Greening Australia, World Wildlife Fund (WWF), the International Water Management Institute (IWMI) and many others.

Students can pursue further studies at honours or postgraduate level. A master’s degree can be studied either by coursework (available specialisations include Environmental Management or Agricultural Economics), or by research (thesis and coursework in, for example, Environmental Economics or Natural Resource Management).

Additional information
handbooks.uwa.edu.au/naturalresourcemgmt

Unit sequence

LEVEL 1 CORE UNITS
The Dynamic Planet
Environmental Economics 1

LEVEL 2 CORE UNITS
Environmental Economics 2
Environmental Hydrology

LEVEL 3 CORE UNITS
Business and the Environment
Project and Risk Management
Regional Development and Planning
Decision Tools for Natural Resource Management

COMPLEMENTARY UNITS
Students nominating Natural Resource Management as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
Science, Society and Communication
Science, Society and Data Analysis
Geographic Information Systems
Environmental Policy and Planning

LOCATION: AGRICULTURE BUILDING
UWA CRAWLEY CAMPUS

Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Science.
Cost of food and accommodation to be borne by the student. For more information go to teachingandlearning.uwa.edu.au/students/fees.
PREREQUISITES
At least Mathematics 2C/2D
Recommended: Mathematics 3C/3D and Chemistry 3A/3B, or
At least Mathematics: Applications ATAR
Recommended: Mathematics: Methods ATAR and Chemistry ATAR, or
Mathematics unit(s) may be required as part of your degree

How do we process the sensory stimuli we receive? How does the nervous system grow, develop and learn? How do medical conditions such as Alzheimer’s disease, deafness, dementia and depression afflict the brain and nervous system? Neuroscientists are interested in the answers to these questions and how nervous system function can be restored after disease and injury to the brain. You will be taught by academics with established international reputations in neuroscience research at all levels—from the molecules that make up individual nerve cells and the transfer of information from one nerve cell to another, to the complexities of how behaviour, thought and emotions are produced.

In the future
Neuroscience is 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. Students can choose to pursue further study at honours or postgraduate level such as graduate diploma, master’s degree or PhD. Honours and PhD qualifications can lead to senior teaching or research positions.

Additional information
handbooks.uwa.edu.au/neuroscience

James Dzingai

Unit sequence

LEVEL 1 CORE UNITS
Psychology: Mind and Brain
Psychology: Behaviour in Context

LEVEL 2 CORE UNITS
Human Neurobiology
Physiology of Cells

LEVEL 3 CORE UNITS
Neuroscience
Comparative Neurobiology
Advanced Neuroscience 1
Advanced Neuroscience 2

COMPLEMENTARY UNITS
Students nominating Neuroscience as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
Introduction to Scientific Practices
Select one pair of units:
Frontiers in Biology; and Molecular Biology of the Cell
Human Biology I: Becoming Human; and Human Biology II: Being Human
Human Biology I: Becoming Human; and Molecular Biology of the Cell

Plus one of the following:
Cognitive Neuroscience
Perception and Sensory Neuropsychology
The Pathology and Laboratory Medicine major deals with the complexities of human disease and investigative techniques. I hope to use the knowledge and experience I have gained to make a positive impact on the health of the Australian population.

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Sam Cogle

The Pathology and Laboratory Medicine major deals with the complexities of human disease and investigative techniques. I hope to use the knowledge and experience I have gained to make a positive impact on the health of the Australian population.

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Sam Cogle

A major in Pathology and Laboratory Medicine will allow you to understand the causes and mechanisms of human disease, as well as how they are investigated in the laboratory.

The units offered within this major cover the fundamentals of disease mechanisms, the range of human diseases and their investigation, treatment and prevention. As a diagnostic specialty, Pathology and Laboratory Medicine plays a critical role in evidence-based medicine and provides the basis of modern scientific medical knowledge. This major will give you an appreciation of how medical research forms new insights into disease every day.

In the future
Completion of this major provides graduates with numerous professional pathways within medical, paramedical and allied health sciences including employment in university and hospital based research laboratories, diagnostic services, the pharmaceutical industry and the broader healthcare sector.

You can choose to pursue further studies in the Master of Clinical Pathology, the Master or Graduate Diploma in Infectious Diseases or a postgraduate research degree such as a PhD. Students hoping to progress to study in medicine, podiatry or dental medicine may benefit from the study of this major.

Additional information
handbooks.uwa.edu.au/pathology

- PREREQUISITES
  - At least Mathematics 2C/2D
  - Recommended: Mathematics 3C/3D and Chemistry 3A/3B, or
  - At least Mathematics: Applications ATAR
  - Recommended: Mathematics: Methods ATAR and Chemistry ATAR, or
  - Mathematics unit(s) may be required as part of your degree

- UNIT SEQUENCE
  - 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
    - Pathology and Laboratory Medicine I
    - Pathology and Laboratory Medicine II
    - Cancer Pathology
    - Medical Genetics
  - COMPLEMENTARY UNITS
    - Students nominating Pathology and Laboratory Medicine as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
      - Frontiers in Biology
      - Introductory Chemistry (for students without WACE Chemistry 3A/3B)
      - Plus two of the following:
        - Biochemistry and Molecular Biology of the Cell
        - Introduction to Infectious Diseases and Immunology
        - Molecular Medicine

- PREREQUISITES AND RECOMMENDED COURSES MAY NOT APPLY TO STUDENTS COMPLETING THIS MAJOR AS A SECOND MAJOR IN A DEGREE OTHER THAN THE BACHELOR OF SCIENCE.
How do medicines produce their beneficial effects on human diseases? How can drugs target particular organs, cells, proteins and genes? This major provides you with the scientific concepts required to understand the effects of drugs on the human body, combined with an appreciation of how these effects are used to treat human diseases. The units offered include drug receptor interactions, dose-response relationships, intracellular signalling, drug metabolism and elimination, toxicology, respiratory pharmacology, immunopharmacology, drug discovery and development, as well as the role of genetics in dictating individual responses to drugs.

Theoretical content is reinforced by practical laboratory sessions and computer-based workshops.

In the future
Graduates can enter career settings including hospital research (diagnostic or research laboratory), the pharmaceutical industry (research or commercial setting) clinical trial coordinators, state or federal regulatory agencies that oversee drug use and in science education (secondary or tertiary sectors). You can choose to pursue further studies at honours level, or a postgraduate research degree such as a PhD.

Additional information
handbooks.uwa.edu.au/pharmacology

Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Science.

Massimo Berneri

Pharmacology is where biochemistry, physiology and pathology collide. It has provided me with a wealth of theoretical knowledge in addition to a variety of practical skills fostered in facilities of the highest quality.

Massimo Berneri
PHILOSOPHY

www.studyat.uwa.edu.au/philosophy

**LEVEL 1 OPTIONS** (select two)
- Introduction to Critical Thinking
- Justice and Contemporary Ethics
- God, Mind and Knowledge

**LEVEL 2 OPTIONS** (select two)
- Bioethics
- Logic
- Philosophy of Religion
- Problems in Philosophical Psychology
- Philosophy of Mind
- Philosophy of Science

**LEVEL 3 OPTIONS** (select four)
- Advanced Logic
- Continental Philosophy
- Philosophy East and West
- Moral Theory
- Meaning, Truth and Language
- Aesthetics
- Metaphysics: a User’s Guide to Time Travel

**COMPLEMENTARY UNIT**
Students nominating Philosophy as their degree-specific major in the Bachelor of Arts or Bachelor of Philosophy (Honours) course must also study:
- Communication in Practice

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The study of Philosophy involves thinking about some of the big questions we ask during our lifetime: Does God exist? Do the sciences tell us the truth about the world? Are other people’s experiences like our own? What does it mean to be conscious? What are emotions and how are they relevant to our lives? Philosophy teaches you 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, right down to cutting-edge contemporary work on pressing ethical issues, the nature of mind and artificial intelligence. UWA is the only university in Western Australia that teaches units in formal logic.

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**In the future**
Philosophy graduates can be found in challenging areas such as strategic planning, where their conceptual skills and the ability to ‘see the big picture’ are highly valued. With a growing awareness of corporate, medical and environmental ethics, students who specialise in ethics have the opportunity to work in these areas.

Students can choose to pursue further studies at honours or postgraduate level.

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**Additional information**
handbooks.uwa.edu.au/philosophy

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**Pursuing a Philosophy major has given me tools for thinking and I now feel more confident engaging in critical reasoning and analysis, as well as asking the bigger questions about the world we live in.**

_Alice Grazzioti_

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**Unit sequence**

<table>
<thead>
<tr>
<th><strong>LEVEL 1 OPTIONS</strong> (select two)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Critical Thinking</td>
</tr>
<tr>
<td>Justice and Contemporary Ethics</td>
</tr>
<tr>
<td>God, Mind and Knowledge</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>LEVEL 2 OPTIONS</strong> (select two)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioethics</td>
</tr>
<tr>
<td>Logic</td>
</tr>
<tr>
<td>Philosophy of Religion</td>
</tr>
<tr>
<td>Problems in Philosophical Psychology</td>
</tr>
<tr>
<td>Philosophy of Mind</td>
</tr>
<tr>
<td>Philosophy of Science</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>LEVEL 3 OPTIONS</strong> (select four)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Logic</td>
</tr>
<tr>
<td>Continental Philosophy</td>
</tr>
<tr>
<td>Philosophy East and West</td>
</tr>
<tr>
<td>Moral Theory</td>
</tr>
<tr>
<td>Meaning, Truth and Language</td>
</tr>
<tr>
<td>Aesthetics</td>
</tr>
<tr>
<td>Metaphysics: a User’s Guide to Time Travel</td>
</tr>
</tbody>
</table>

**COMPLEMENTARY UNIT**
Students nominating Philosophy as their degree-specific major in the Bachelor of Arts or Bachelor of Philosophy (Honours) course must also study:
- Communication in Practice
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 else in between. The hallmark of the Physics major at UWA is the access it gives you to the frontiers of modern physics via a focus on mathematical skills. You will apply the key pillars of relativity and quantum physics to atomic, nuclear and particle, condensed matter physics, photonics and astrophysics. You will also discover physics is the driving force behind many advanced technologies, from radar to lasers, from transistors to quantum computers and MRI scanners.

In the future
The Physics major opens the door to many career choices. Your problem-solving and critical thinking abilities will be in demand from a wide range of employers in industry and the government sector. 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.

Additional information
handbooks.uwa.edu.au/physics
Physiology is the major that pulls everything together—cells, tissues and organs and how they function together in living organisms. Studying physiology has taught me how the human body works in both health and disease, driven by the emphasis of coordinated learning in small-sized tutorial and laboratory classes. The most exciting part of a Physiology major is that you are the subject of each experiment. In this way, you are able to learn how your own body functions and how it compares to that of your peers.

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**In the future**

A Physiology major can lead to careers in the biomedical industry and research laboratories. There is growing demand for Physiology graduates to investigate the action of genes in the body. Physiologists also undertake careers in the areas of exercise physiology, fitness and health, science communication in the media, laboratory management, secondary school science teaching, and university lecturing.

As with most biomedical disciplines, your employment prospects will be enhanced by further study at honours or postgraduate level (e.g. a PhD in physiological research, Master of Clinical Audiology, Master of Biomedical Science, or Master of Health Science).

**Additional information**

handbooks.uwa.edu.au/physiology

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**PREREQUISITES**

- At least Mathematics 2C/2D
- Recommended: Mathematics 3C/3D and Chemistry 3A/3B, or
- At least Mathematics: Applications ATAR
- Recommended: Mathematics Methods ATAR and Chemistry ATAR, or
- Mathematics unit(s) may be required as part of your degree

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**Unit sequence**

<table>
<thead>
<tr>
<th>LEVEL 1 OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select two</td>
</tr>
<tr>
<td>Human Biology I: Becoming Human</td>
</tr>
<tr>
<td>Human Biology II: Being Human</td>
</tr>
<tr>
<td>Frontiers in Biology</td>
</tr>
<tr>
<td>Molecular Biology of the Cell</td>
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<table>
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<tr>
<th>LEVEL 2 CORE UNITS</th>
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</thead>
<tbody>
<tr>
<td>Physiology of Human Body Systems</td>
</tr>
<tr>
<td>Physiology of Cells</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LEVEL 3 CORE UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physiology of Membranes, Muscles and Signalling</td>
</tr>
<tr>
<td>Physiology of Cardiovascular and Respiratory Systems</td>
</tr>
<tr>
<td>Physiology of Nutrition and Metabolism</td>
</tr>
<tr>
<td>Physiology of Integrated Organ Function</td>
</tr>
</tbody>
</table>

**COMPLEMENTARY UNITS**

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

- Introductory Chemistry (for those students who did not meet the Chemistry prerequisite)
- Mathematics Fundamentals (for those students who did not meet the Mathematics prerequisite)
Political Science and International Relations is fascinating because it closely relates to all political and international events happening in the real world. It is applicable everywhere around me, which lifts theoretical expertise to a practical level.

Lieke Baeten
Population Health focuses on health promotion and disease prevention in populations, with an emphasis on current and emerging local, national and global health issues. We investigate various impacts on health, how these factors interact and how they can be addressed to improve the health of communities on local and global scales. Case studies on topical health issues are used to illustrate the theory. Electives associated with this major include a health industry practicum and a field trip to India.

The major complements many disciplines across science, arts, commerce and design, enabling expertise in health research (including epidemiology), health promotion, health policy and planning or health economics. It also provides an excellent background for further postgraduate studies in public health, medicine, dentistry, podiatric medicine and social work.

In the future
A wide range of employment opportunities in population health exist, including health promotion, policy, administration, epidemiology or research within federal, state or local government departments, private health agencies and non-government organisations.

Students can choose to pursue further studies at honours or postgraduate level such as the Graduate Certificate in Population Health Studies, Master of Public Health (coursework or coursework and dissertation) or a PhD. Students can also choose to pursue a research degree in public health with a Master of Philosophy or a PhD.

Additional information
handbooks.uwa.edu.au/populationhealth

PREREQUISITES
At least Mathematics 2C/2D
Recommended: Mathematics 3A/3B or 3C/3D, or
At least Mathematics: Applications ATAR, or
Mathematics unit(s) may be required as part of your degree

Population Health

The best aspect that I have experienced from the Population Health major is the close relationship between academic staff and students and the interactive nature of the classes.

Ginny Hoi
Studying Psychological Science has taught me how people think and act under different conditions. The skills I have learned and experiences I have had through psychology at UWA are highly transferable and applicable to a range of areas—psychology can take you almost anywhere!

Michael Richards

In the future

The Psychological Science major will prepare you for a career in research as well as a range of careers 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 mean that market research, advertising and the media are also career options.

When this major is taken with the Psychology in Society major (see page 92), it can lead to further study and professional qualifications in psychology.

Additional information

handbooks.uwa.edu.au/psychologicalscience

PREREQUISITES

At least Mathematics 2C/2D
Recommended: Mathematics 3C/3D, or
At least Mathematics: Applications ATAR, or
Mathematics unit(s) may be required as part of your degree

Are you interested in how we learn, remember and think? Have you ever wondered how we control our movements, or how we sense and respond to the objects and events around us? Psychologists are interested in how and why people behave the way they do. Psychological Science is the scientific study of mental processes and behaviour, and is a challenging and wide-ranging discipline. A major in Psychological Science will provide you with a scientific understanding of our psychological processes and the relationship of these processes to brain function. You will also develop an understanding of how these psychological processes are affected by ageing, brain damage and disease.

Unit sequence

LEVEL 1 CORE UNITS
Psychology: Mind and Brain
Psychology: Behaviour in Context

LEVEL 2 CORE UNIT AND OPTION
Psychological Research Methods
Plus one of the following:
Psychology: Atypical Development
Cognitive Psychology
Cognitive Neuroscience
Perception and Sensory Neuropsychology

LEVEL 3 CORE UNITS AND OPTIONS
Psychological Research Methods: Design and Analysis
Psychology: Specialist Research Topics
Plus two of the following:
Psychology: Atypical Development
Cognitive Psychology
Cognitive Neuroscience
Perception and Sensory Neuropsychology

COMPLEMENTARY UNITS
Students nominating Psychological Science as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
Mathematics Fundamentals (for those students who did not meet the Mathematics prerequisite)
Psychology in Society not only changes the way you look at the world, but also the way you think about the world, how the world works together and how the world around us develops and changes.

Alexandria Kenyon

Psychology in Society 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. How do groups communicate? Can panic be controlled? How do attitudes to alcohol consumption develop? These are just a few of the questions psychologists investigate. Studying this major will help you build a scientific understanding of human behaviour and its underlying psychological processes. You will find an emphasis on the measurement of psychological abilities such as intelligence, how these abilities develop through the life span and on the processes that govern the relationships between people and groups in society. Completing this major together with the Psychological Science major (see page 91) allows you to continue onto an honours year which is necessary for provisional registration as a psychologist.

In the future
Students who combine a Psychology in Society major with the Psychological Science major may choose to pursue further studies at honours level and progress to postgraduate study leading to a professional qualification in psychology. Postgraduate degrees are currently offered in the areas of Clinical Neuropsychology, Clinical Psychology, and Industrial and Organisational Psychology.

Additional information
handbooks.uwa.edu.au/psychologysociety
QUANTITATIVE METHODS

www.studyat.uwa.edu.au/quantitative-methods

LOCATION: CIVIL COMPUTER ROOM
UWA CRAWLEY CAMPUS

What I love about the Quantitative Methods major is its practicality. I get to analyse real data, and from that, I realise how prevalent statistics is in our everyday lives. It’s pretty amazing!

Chitra Saraswati

PREREQUISITES

At least Mathematics 3A/3B
Recommended: Mathematics 3C/3D, or
At least Mathematics: Applications ATAR
Recommended: Mathematics: Methods ATAR

Quantitative methods is the range of mathematical and statistical techniques used to analyse data in a variety of subject areas such as science, economics, marketing, engineering, medicine, public health, psychology, education and sport. An increasing number of industries use quantitative reasoning for improving product and service quality, increasing efficiency in the workplace, and assessing growth strategies.

This major provides you with practical, interdisciplinary research skills based on sound disciplinary foundations. The units are designed to empower you by ensuring you develop a broad range of skills and abilities that you will find useful and relevant to your own interests.

In the future

Demand for graduates is high across a wide range of industries and professions including university research; medical research institutes (epidemiologist, statistician, quantitative researcher); finance (quantitative analyst, econometrician and more); Australian Bureau of Statistics, CSIRO; state government departments; commercial statistical consulting, market research, opinion research in industries; and insurance companies.

Students can choose to pursue further studies at honours or postgraduate level in their chosen specialisation.

Additional information

handbooks.uwa.edu.au/quantitativedataanalysis

Unit sequence

LEVEL 1 OPTIONS
Select one unit from each group
(two units in total)
Group 1:
Mathematical Methods 2
Statistics for Science
Economic and Business Statistics
Group 2:
Relational Database Management Systems
Quantitative Methods for Business and Economics
Mathematical Methods 1

LEVEL 2 CORE UNITS
Analysis of Observations
Analysis of Experiments

LEVEL 3 CORE UNITS
Surveys
Communication and Problem Solving with Statistics
Statistical Significance
Advanced Data Analysis
SCIENCE COMMUNICATION

www.studyat.uwa.edu.au/science-comm

The Science Communication major has taught me the value of communication. Effectively communicating the science in our world is as equally as important as discovering it and often this is neglected.

Josip Knezevic

PREREQUISITES
At least Mathematics 2C/2D
Recommended: Mathematics 3C/3D, or
At least Mathematics: Applications ATAR, or
Mathematics unit(s) may be required as part of your degree

If you are creative, love science and want to work with people, Science Communication is for you. Science communicators use their knowledge of science to help raise the level of understanding about important issues in science—bridging the gap between the scientific community and the public. This major will teach you to communicate effectively with audiences ranging from children to scientists. Science Communication will provide you with experience in new media, written, oral and visual presentations, science performance and working with industry experts.

This major must be taken in conjunction with another science major, giving you both sound scientific knowledge and highly marketable communication skills.

In the future
As a Science Communication graduate 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, environmental education, schools, museums, research organisations including government agencies, non-government organisations, hospitals, industry and as journalists.

Additional information
handbooks.uwa.edu.au/sciencecomm

Unit sequence

<table>
<thead>
<tr>
<th>LEVEL 1 CORE UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Scientific Practices</td>
</tr>
<tr>
<td>Psychology: Behaviour in Context</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>LEVEL 2 CORE UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science Writing</td>
</tr>
<tr>
<td>Science Presentations</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LEVEL 3 CORE UNIT AND OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication Strategies for Change</td>
</tr>
<tr>
<td>Plus three of the following:</td>
</tr>
<tr>
<td>Science Communication Practicum</td>
</tr>
<tr>
<td>Exhibitions and Interpretation</td>
</tr>
<tr>
<td>Science and the Media</td>
</tr>
<tr>
<td>Science Performance</td>
</tr>
</tbody>
</table>

LOCATION: HARRY PERKINS INSTITUTE OF MEDICAL RESEARCH, NEDLANDS
The Sport Science major has further developed my passion for sport and has provided me with the scientific knowledge of human movement and the body’s physiology in our daily lives as well as performance in sport.

_Nicholas Chia Loon Loo_

**LEVEL 1 CORE UNITS**
- The Musculoskeletal System and Movement
- Human Structure and Athletic Performance

**LEVEL 2 CORE UNITS**
- Motor Learning and Control
- Biomechanics
- Exercise Physiology

**LEVEL 3 CORE UNITS**
- Biomechanical Principles
- Sport Physiology
- Professional Practice

**COMPLEMENTARY UNITS**
- Students nominating Sport Science as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
  - Mathematics Fundamentals
  - Physical Fitness and Health
  - Human Biology I: Becoming Human
  - Human Biology II: Being Human

**Unit sequence**

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**PREREQUISITES**

- At least Mathematics 2C/2D
- Recommended: Mathematics 3C/3D, or
- At least Mathematics: Applications ATAR, or
- Mathematics unit(s) may be required as part of your degree

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 Ever wondered about the science behind elite performance? Our Sport Science major can equip you, as a scientist, to further understand and analyse the human body, its movements and functions. With applications in today's elite sporting arenas, rehabilitation, fitness and health and recreation sectors, this major can also lead into cutting edge, dynamic postgraduate research opportunities.

The expertise and scientific application that you will gain in this major can be applied at the highest levels within the sport, health and fitness areas. In addition, the national award-winning Sport Science practicum provides you with essential workplace experience, enabling you to integrate theoretical concepts with professional practice in a wide range of disciplines. The practicum program also provides extensive interaction with other professionals in your chosen path of study along with eligibility to apply for membership of Exercise and Sport Science Australia (ESSA). If you choose to complete a double degree by also taking our Exercise and Health major (see page 52) this will lead to accreditation via ESSA as an exercise scientist.

**In the future**

Sport Science graduates have the choice of three distinct career paths: you could enter the broad sport and recreation promotion, sport management and marketing sector; or you might prefer a career in athlete preparation as an exercise scientist; or the third pathway could see you move into graduate training in sport, recreation management, coaching or research.

Students can choose to pursue further studies at honours or postgraduate level including the Graduate Diploma in Exercise Rehabilitation, Graduate Diploma in Sport and Recreation Management, Graduate Diploma in Work Health and Safety, Graduate Diploma of Education, Master of Teaching, Master of Clinical Exercise Physiology, and Master of Exercise Science.

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**Additional information**

handbooks.uwa.edu.au/sportscience

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- Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Science.
Studying Work and Employment Relations has reinforced the importance of understanding and managing the relationship between employees and employers; I am able to utilise what I have learned at UWA and see the benefits in the development of my career immediately.

Franklin Lough

In the future
This major is beneficial for those aspiring to work in a management position or for those wishing to become involved in industrial law.

Students can choose to pursue further study at honours level or undertake a specialist master’s degree such as the Master of Human Resources and Employment Relations, Master of Commerce or Master of Business Administration.

Additional information
handbooks.uwa.edu.au/employmentrelations

PREREQUISITES
None

The Work and Employment Relations major 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. You will 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.

Unit sequence

<table>
<thead>
<tr>
<th>Level 1 Core Units</th>
<th>Level 2 Core Units</th>
<th>Level 3 Core Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Employment Relations</td>
<td>Australian Employment Relations</td>
<td>Globalisation and Work</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Managing Diversity</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Negotiation: Theory and Practice</td>
</tr>
</tbody>
</table>
In the future

Zoology graduates are employed in environmental consultancies, fisheries, aquaculture and the resources sector. They may also work with government departments such as Environment, Parks and Wildlife, State Fisheries, in museums and zoos, or in environment and conservation research agencies (CSIRO); others may join academic institutions.

Students can choose to pursue further studies at honours or postgraduate level. A master’s degree can be studied either by coursework (available specialisations include Zoology or Marine Biology) or by research (thesis and coursework in Zoology).

Additional information

www.studyat.uwa.edu.au/zoology

**PREREQUISITES**

- At least Mathematics 2C/2D
- Recommended: Mathematics 3C/3D, or
- At least Mathematics: Applications ATAR
- Recommended: Mathematics: Methods ATAR and Chemistry ATAR, or
- Mathematics unit(s) may be required as part of your degree

A major in Zoology will provide you with the opportunity to study animals, including Western Australia’s unique fauna. Animals live in diverse habitats, ranging from deserts through to wetlands, rivers, rainforests and the sea. The study of Zoology will provide you with a sound knowledge and understanding of how adaptations in structure and function, physiology, reproduction and behaviour enable animals to live in these habitats. Zoology also covers population and community ecology, molecular genetics, and the evolutionary processes that have engendered animal diversity. Zoology underpins society’s interest in conservation and marine science including major contributions to current research in fisheries and ecosystem management. This major includes field work.

**Unit sequence**

**LEVEL 1 CORE UNITS**

- Frontiers in Biology
- Plant and Animal Biology

**LEVEL 2 CORE UNITS**

- Ecology
- Animal Function and Structure

**LEVEL 3 CORE UNITS**

- Animal Populations
- Evolutionary Processes
- Environmental Physiology
- Behavioural Ecology

**COMPLEMENTARY UNITS**

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

- Science, Society and Communication (unless Science Communication is taken as a second major)
- Science, Society and Data Analysis
- Principles of Inheritance
- Animal Ethics and Welfare

- Prerequisites and recommended courses may not apply to students completing this major as a second major in a degree other than the Bachelor of Science.
- Cost of food and accommodation to be borne by the student. For more information go to teachingandlearning.uwa.edu.au/students/fees.

The Zoology major provides the opportunity to work with prominent researchers, exposing you to world-class research, and underlying methodology.

— Ben Barrett
The demands on you as a graduate are increasing and a postgraduate qualification is becoming an expectation among employers.

After completing your undergraduate degree, you have the option of seeking employment or continuing your study path. You can build your knowledge and skills through a coursework degree or extend the understanding of your subject, while demonstrating advanced analytical and project management skills, through a research degree.

Some professional qualifications are now offered as a postgraduate qualification at UWA—refer to pages 99 to 109 for more information.

Coursework degrees provide you with the opportunity to develop a thorough understanding of a study area, diversify your educational background or obtain specific vocational training.

UWA offers a range of postgraduate degrees by coursework including graduate certificates, graduate diplomas, master’s degrees and professional doctorates.

UWA’s strong research culture attracts high levels of competitive research funding and outstanding staff and students nationally and from overseas.

Master’s degree by research, higher doctorates and the Doctor of Philosophy (PhD) all include a substantial research project.

For details regarding the full range of postgraduate courses available go to studyat.uwa.edu.au
Architecture is a discipline concerned with the conceptualisation and design of individual buildings, urban configurations and landscapes in response to existing and emerging economic, technical and social needs and desires.

The Master of Architecture will encourage you to develop an individual viewpoint and an understanding of how the values of society affect the production of architecture. Architects provide their expertise in the design and development of projects and supervise all aspects of a building’s construction.

The master’s degree course is a nationally and internationally recognised degree. Architecture students are eligible for student membership of the Australian Institute of Architects while undertaking the course, and for graduate membership on completion. Master of Architecture graduates must complete a minimum period of practical experience and have successfully completed oral and written examinations before becoming eligible to apply for registration as an Architect with the Architects Board of Western Australia.

The Master of Architecture is recognised by the Commonwealth Association of Architects and is covered by the Canberra Accord. For further information see comarchitect.org and canberraaccord.org.

### Master of Architecture (MArch)

<table>
<thead>
<tr>
<th>COURSE DETAILS</th>
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<tbody>
<tr>
<td><a href="http://www.studyat.uwa.edu.au/pg/architecture">www.studyat.uwa.edu.au/pg/architecture</a></td>
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<table>
<thead>
<tr>
<th>STANDARD COMPLETION</th>
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</thead>
<tbody>
<tr>
<td>2 years full-time</td>
<td>4 years part-time</td>
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<table>
<thead>
<tr>
<th>INTAKE</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>February and July</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>ENTRY REQUIREMENTS</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Completion of a Bachelor of Design, majoring in both Architecture and Integrated Design (or equivalent degree and majors) at a sufficiently high level, in addition to the University’s requirement for English language competence. Students completing a bachelor’s degree without architectural background complete up to 3.5 years of full-time or equivalent study.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>FEE TYPE</th>
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</thead>
<tbody>
<tr>
<td>Commonwealth supported</td>
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</tbody>
</table>

Further details are available from studyat.uwa.edu.au/postgraduate-coursework/requirements.
Clinical Audiology

Audiologists are hearing healthcare professionals responsible for the assessment and management of individuals with hearing, communication and balance problems. They provide clinical services in hospitals, community health centres, hearing aid clinics and in some medical practices.

Many audiologists are involved in research, helping to develop new behavioural and electrophysiological test techniques, cochlear implants, hearing aids and hearing health therapies. Some audiologists work in community and workplace settings including programs aimed at reducing the prevalence and impact of middle ear disease in rural and remote aboriginal communities, newborn hearing screening programs and hearing conservation programs in industry.

The Master of Clinical Audiology course at UWA is one of only five courses offered in Australia and provides you with extensive supervised clinical placements in a variety of workplace settings. Supported by UWA’s world-renowned Auditory Laboratory, the course also provides you with opportunities to complete audiology research projects. Employment prospects for graduates are excellent both within Australia and overseas. Graduates are eligible for full membership of the Audiological Society of Australia.

Course details

www.studyat.uwa.edu.au/pg/audiology

STANDARD COMPLETION
2 years full-time | (n/a part-time)

INTAKE
January
(every second year—next intake in 2016)

ENTRY REQUIREMENTS
Due to limited places there is a selection process. Entry to the MClinAudiol will be based upon:
- The University’s requirement for English language competence
- Completion of a relevant undergraduate degree
- Certification of a national police clearance is also required

FEE TYPE
Full fee-paying

Students who undertake a Bachelor of Philosophy (Honours) will take four years to complete their undergraduate degree.

Further details are available from studyat.uwa.edu.au/postgraduate-coursework/requirements.
Dental Medicine

Dentistry involves the diagnosis, prevention and treatment of diseases of the mouth. This can include orthodontic treatment, replacement of missing teeth and the treatment of gum disease, and discoloured and damaged teeth. As personal appearance, speech and general health assumes greater importance, we are now demanding higher levels of professional care from dentists.

For further curriculum information, refer to meddent.uwa.edu.au/courses/postgraduate

<table>
<thead>
<tr>
<th>Bachelor's degree in any discipline</th>
<th>Doctor of Dental Medicine (DMD)</th>
<th>Dentist</th>
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</thead>
<tbody>
<tr>
<td>YEAR 1</td>
<td>YEAR 2</td>
<td>YEAR 3</td>
</tr>
<tr>
<td>YEAR 4</td>
<td>YEAR 5</td>
<td>YEAR 6</td>
</tr>
<tr>
<td>YEAR 7</td>
<td>CAREER</td>
<td></td>
</tr>
</tbody>
</table>

* Students who undertake a Bachelor of Philosophy (Honours) will take four years to complete their undergraduate degree.

ASSURED ENTRY PATHWAYS

A limited number of places in the DMD will be reserved for well-qualified Year 12 applicants—Assured Pathway (High Academic Achievement); choose dentistry (Broadway); choose dentistry (Rural); and Indigenous Pathway applicants. Selection will be based upon:

- UMAT
- Academic performance (ATAR or equivalent)
- A structured interview
- Manual dexterity and spatial awareness admission tests

See pages 18 to 19 for further details.

Indigenous applicants can also apply through CAMDH.

FEE TYPE

Commonwealth supported

Further details are available from studyat.uwa.edu.au/postgraduate-coursework/requirements.

For more information on entry pathways to the DMD, refer to meddent.uwa.edu.au/admissions or contact the Faculty Admissions Office at meddentalmissions@uwa.edu.au.

The results for these tests will not be used in the final ranking, but will determine if an applicant progresses to the final rankings.
Explore your passion for problem solving and finding out how things work. Choose engineering if you want to make things happen and be empowered to change the world. From building the world’s largest man-made structures to its smallest electronic devices; from moving people across the globe to sustaining their local environment, engineers are constantly challenged by new problems that require not only scientific skills but also imagination, inspiration and creativity.

UWA’s Master of Professional Engineering provides the advanced knowledge and technical understanding to enable you to practise internationally as a professionally accredited engineer.

The following specialisations are available:
- Chemical Engineering
- Civil Engineering
- Electrical and Electronic Engineering

A Master of Professional Engineering unlocks a wide range of career opportunities both in engineering and non-engineering sectors. With excellent analytical and problem-solving skills, engineering graduates have a strong base to branch out into different industries including senior management roles. Employment may be found in a variety of sectors including mining, oil and gas, manufacturing, construction, power generation, consulting, environmental management, investment, finance and research.

As a standard practice for new courses, Engineers Australia accreditation of the MPE is provisional until it can be considered for full accreditation on graduation of the first cohort in 2014/2015.

Students who undertake a Bachelor of Philosophy (Honours) will take four years to complete their undergraduate degree.

### Entry Requirements

**STANDARD ENTRY**
Completion of an undergraduate degree, majoring in Engineering Science or equivalent; or a recognised bachelor’s degree or equivalent, with an appropriate average as recognised by the Faculty, and prior studies in engineering, mathematics or physics.

**ASSURED ENTRY PATHWAY**
Students achieving an ATAR score of 92 or higher are encouraged to apply for the Assured Entry Pathway which provides direct entry to the MPE following completion of an undergraduate course with a major in Engineering Science. Students not in the Assured Entry Pathway will be required to achieve an average of 60 per cent in their degree studies to be eligible for admission.

**FEE TYPE**
Commonwealth supported

Landscape Architecture is a ‘profession of the future’. The profession is about problem solving in a realm that bridges both art and science. It’s about ‘dwelling in a place’ leaving a positive legacy for future generations.

Landscape architecture focuses on all aspects of landscape and land use planning, design and management. Landscape architects work at a variety of scales, ranging from major regional projects to urban developments which include industrial, commercial, recreational and residential environments. Their work deals with issues of global warming and climate change, as well as addressing social inequity through improving the physical environment.

The Master of Landscape Architecture is professionally accredited by the Australian Institute of Landscape Architects (AILA).

After finishing the Master of Landscape Architecture, graduates must complete at least two years of professional practice before being eligible to become a Registered Landscape Architect.
Juris Doctor (JD)

Law

The Juris Doctor is a three-year postgraduate law degree that meets the academic requirements for admission to practice as a legal practitioner in Western Australia.

Law graduates have a diverse range of career destinations including private legal practice as a barrister or solicitor; the private sector including banks and finance institutions, accountancy firms, resource companies, private consultancies, lobby groups and trade unions; and the public sector such as state or federal government departments or instrumentalties and academia.

However, our law graduates have more than just career opportunities. Studies in law allow for the development of many important intellectual skills including proficient language skills, clear thought processes and the ability to resolve complex problems which have both a legal and a human component.

UWA’s JD provides a challenging, intellectually engaging and focused environment for postgraduate studies in law within a diverse student body. The JD is a structured coursework degree involving the completion of a number of nationally recognised core law subjects as well as the completion of option units that allow students both to broaden their knowledge of the law and also to specialise in areas of law of particular interest.

Course details

www.studyat.uwa.edu.au/courses/juris-doctor

STANDARD COMPLETION
3 years full-time | 6 years part-time

INTAKE
February (applications close November of the previous year)

ENTRY REQUIREMENTS
In addition to the University’s requirement for English language competency, entry to the JD will be based upon the following criteria:

STANDARD ENTRY
The standard entry requirements for 2016 are:

- A bachelor’s degree from this University, or equivalent as recognised by the Faculty
- A Grade Point Average (GPA) of at least 5.5 (out of 7.0), or equivalent, calculated across all completed tertiary studies

ASSURED ENTRY PATHWAYS
A limited number of places in the JD will be reserved for highly qualified students commencing an undergraduate course at UWA. Selection as an assured pathway student will be based on academic performance (ATAR) and is conditional on the student attaining a minimum GPA of 5.5 in the undergraduate degree.

See pages 18 to 19 for further details.

INDIGENOUS PATHWAYS
Refer to the School of Indigenous Studies for further information.

FEE TYPE
Commonwealth supported

Further details are available from studyat.uwa.edu.au/postgraduate-coursework/requirements.
Medicine

Medicine offers many highly challenging study areas for committed students with well-developed interpersonal skills. Medical practitioners examine the patient to determine the nature of the disorder or illness; provide overall care for patients and prescribe and administer treatments; and order, perform and analyse laboratory tests, X-rays and other diagnostic images and procedures. As a graduate you will initially work as an intern in the hospital system before specialising in a clinical career or continuing research interests in overall public health.

Medical students at UWA come from a variety of backgrounds which results in an incredibly diverse and rewarding learning experience. Domestic students also have the opportunity to study at one of 12 rural sites, which together comprise the most widespread Rural Clinical School in Australia.

For further curriculum information, refer to meddent.uwa.edu.au/courses/postgraduate.

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ASSURED ENTRY PATHWAYS

A limited number of places in the MD will be reserved for well-qualified Year 12 applicants—Assured Pathway (High Academic Achievement); choose medicine (Broadway); choose medicine (Rural); and Indigenous Pathway applicants.

Selection will be based on:

- UMAT
- Academic performance (ATAR or equivalent)
- A structured interview

See pages 18 to 19 for further details.

Indigenous applicants can also apply through CAMDH.

PROFESSIONAL REGISTRATION

For registration as a medical practitioner in Australia all graduates are required to complete a 12-month pre-registration internship in an approved hospital. Priority for internships is given to all Australian citizens and permanent residents. At present, international graduates are only accommodated if sufficient intern places are available.

FEE TYPE

Commonwealth supported

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For more information on entry pathways to the MD, refer to meddent.uwa.edu.au/admissions or contact the Faculty Admissions Office at meddentadmissions@uwa.edu.au.
Pharmacy

Building upon your previous tertiary studies in basic or applied science, the Master of Pharmacy provides a direct pathway to a professional postgraduate qualification leading to registration as a pharmacist. The course provides advanced study in the areas of pharmacy practice, clinical pharmacy, pharmaceutics, medicinal chemistry, and biomedicine and biotechnology, and includes practical training in community and hospital pharmacy. Master of Pharmacy graduates are eligible for registration as pharmacists in Australia following successful completion of a compulsory internship.

Doctor of Podiatric Medicine (DPM)

The Doctor of Podiatric Medicine is an exciting new course designed to produce highly trained and competent podiatrists who are well prepared to commence clinical practice as primary contact healthcare practitioners in the diagnosis and treatment of conditions affecting the foot and ankle. Graduates will be eligible to apply for registration as a podiatrist in all Australian states and territories, New Zealand and the United Kingdom.

From each of the prerequisite areas listed above. You may be completing these units as part of your major, or you may need to add them as complementary, broadening or elective units.

If you have completed studies in all of the prerequisite areas, meet the GPA and have a successful interview, you will be offered a conditional place in the Master of Pharmacy (subject to meeting pre-enrolment requirements).

If you are completing units at the time of application, meet the GPA and have a successful interview, you will be offered a conditional place in the Master of Pharmacy. The candidate will have to provide an academic transcript of the completed unit prior to enrolment as well as meet pre-enrolment requirements.

PRE-ENROLMENT REQUIREMENTS

- National Police Certificate
- WA Department of Health National Criminal History Record Check
- Infection control testing
- MRSA Screening

FEE TYPE

Commonwealth supported

Students who undertake a Bachelor of Science (Honours) will take four years to complete their undergraduate degree.


Master of Podiatry English requirements are higher.

For more information refer to www.studyat.uwa.edu.au/postgraduate-coursework/requirements/english.

Students who undertake a Bachelor of Philosophy (Honours) will take four years to complete their undergraduate degree.


Subject to approval.

For further curriculum information, refer to meddent.uwa.edu.au/courses/postgraduate.
Psychology

Psychology is a fascinating and wide-ranging discipline that touches many aspects of daily life. An understanding of how people think, feel, perceive and act is relevant to many study areas and to many different career pathways.

To pursue a career as a practitioner in an endorsed area of practice (e.g. clinical psychology), you will need to undertake additional training at postgraduate level following your honours degree.

The School of Psychology at UWA offers a range of courses in the professional areas of clinical psychology, clinical neuropsychology, and industrial and organisational psychology.

For entry into a postgraduate coursework degree the Australian Psychology Accreditation Council (APAC) requires that students accepted into a fifth and sixth year master's degree course must have successfully completed a four-year, or three-year plus a fourth year, APAC-accredited sequence in psychology, within the last 10 years, with an upper second class honours (2A) or equivalent overall mark, and be eligible for provisional registration with the Psychology Board of Australia.

Candidates for the PhD (Doctor of Philosophy), Master of Philosophy (by research), and combined master’s degree/PhD course must secure potential supervisors before submitting their application.

Bachelor of Science or Bachelor of Arts majoring in both Psychology in Society and Psychological Science

Honours in Psychology

Master of Industrial and Organisational Psychology

Psychologist

Master of Clinical Psychology/PhD
Master of Industrial and Organisational Psychology/PhD
Master of Clinical Neuropsychology/PhD

YEAR 1
YEAR 2
YEAR 3
YEAR 4
YEAR 5
YEAR 6
YEAR 7
YEAR 8
CAREER

STANDARD COMPLETION
Ranging from 2 to 4 years full-time depending on the chosen degree (or equivalent part-time)

ENTRY REQUIREMENTS
Completion of an honours degree in Psychology with at least second class honours Division A (2A) or equivalent. Applicants must meet the the University’s requirement for English language competence and the Psychology Board of Australia’s English language skills registration standards and be eligible for provisional registration as a psychologist. Enrolled students must maintain provisional registration for the duration of their enrolment in the course.

FEE TYPE
Full fee-paying or Commonwealth supported depending on the degree

These qualifications lead to general registration with the Psychology Board of Australia www.psychologyboard.gov.au/registration/general.aspx
Social Work

Social workers are committed to social justice and human rights. They work with individuals, families, groups, organisations and communities to create positive outcomes, particularly in relation to marginalised or disenfranchised members of society.

It is a challenging and rewarding profession, attracting dedicated and inspiring professionals who desire to make a difference to the lives of others. Social workers seek to promote change at individual, community and policy levels.

The Master of Social Work (Qualifying) course is specifically designed for people who already possess an undergraduate degree and have elected to develop their career through an accredited qualification in social work.

Social work involves a unique blend of knowledge, skills and values which are integrated across the entire professional education course. In addition to coursework units, you will undertake two field education placements in contrasting agency settings under the supervision of an experienced social worker. These applied learning settings provide you with an opportunity to integrate your knowledge and skills and begin to develop a sense of identity as a professional social worker.

The employment market for social workers has been excellent in recent years, with most graduates able to find work within a few months of finishing the course. The degree is well-recognised internationally, with many UWA graduates obtaining employment overseas.

Teaching: Early Childhood

Early childhood teachers play a critical role in preparing young children for lifelong learning, personal wellbeing, and participation in society. This course places a strong emphasis on in-depth knowledge of the research, theory and practical skills required of educators in early childhood settings, from preschool to the lower primary years.

The Master of Teaching (Early Childhood) will qualify you to work in government and non-government schools, both in Australia and internationally, as well as a range of other early childhood settings such as childcare centres.
Primary teachers are pivotal in helping children build strong foundations and confidence in their learning. This course provides in-depth knowledge on how to support children in the development of knowledge, understandings and skills across a range of learning areas. Literacy, numeracy and the use of Information and Communications Technologies (ICTs) are given particular emphasis in the course.

The Master of Teaching (Primary) will qualify you to teach in primary schools. UWA is committed to producing excellent teachers who are sought after by government and non-government schools, both in Australia and internationally.

The Master of Teaching (Secondary) will qualify you to teach in secondary schools around Australia and overseas.

You can choose from a range of major and minor teaching areas, and work with subject area experts in your chosen areas.

Students who undertake a Bachelor of Philosophy (Honours) will take four years to complete their undergraduate degree.
At university you will come across many unfamiliar terms. Here is a list of some of the most common. While the explanations are not formal definitions, they will provide you with an introduction to the terminology that will soon become second nature to you.

**A**

*Academic staff* | the teaching and research staff of the University.

*Advanced standing* | credit for prior tertiary study.

*Alumni* | graduates of a university, school or college.

*Arts practicum* | a unit of study available to undergraduate students in the Bachelor of Arts which involves the completion of an individual project relevant to the student’s area of study while being hosted by an external organisation in Australia or overseas.

*Assured entry pathway* | assured progression to postgraduate studies offered to a limited number of well-qualified Year 12 students on the condition that they achieve the required Grade Point Average (GPA) and any prerequisites during their undergraduate degree.

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

**B**

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

*Broadening units* | units taken from outside a student’s degree area. See page 17.

**C**

*Campus* | the location of the University, or where a course is conducted. UWA has campuses in Crawley, Nedlands and Claremont and a centre in Albany.

*Commonwealth-supported place (CSP)* | the Australian Government contributes towards course costs for the following eligible students: Australian citizens, New Zealand citizens, holders of an Australian permanent visa and holders of a permanent humanitarian visa. Students also pay a contribution towards the cost of their tuition.

**D**

*Doctor of Philosophy (PhD)* | a postgraduate course of independent, supervised research that is usually assessed on the basis of a thesis that is examined externally.

*Domestic student* | a student enrolling at university who belongs to one of the following categories: Australian citizen; New Zealand citizen; holder of an Australian permanent visa; or holder of a permanent humanitarian visa.
**Elective** | a ‘free choice’ unit which may be chosen from among many of the units available at the University (subject to faculty and place to defer payment of their unit rules).

**Faculty** | a section of the University responsible for the administration of the student’s existing or future teaching and learning in a particular area of knowledge.

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

**Grade point average (GPA)** | an index of academic performance calculated by converting a student’s percentage marks/grades.

**Graduate certificate** | typically follows a bachelor’s degree and is designed for specific vocational purposes such as broadening skills and knowledge gained in an undergraduate degree or acquiring skills and knowledge in a new professional area.

**Graduate diploma** | typically follows a bachelor’s degree and is designed for specific vocational purposes such as broadening skills and knowledge gained in an undergraduate degree or acquiring skills and knowledge in a new professional area. A graduate diploma is a higher qualification than a graduate certificate.

**Graduate entry** | a requirement that a student holds a bachelor’s degree as a prerequisite for commencing higher studies by coursework or research.

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

**Honours** | a one-year full-time (or equivalent) course of study offered to select students on completion of their bachelor’s degree with the required GPA.

**International student** | a student who is not an Australian citizen or permanent resident, nor a New Zealand citizen, and is enrolled or proposes to enrol at an institution in Australia. Temporary residents of Australia are classified as international students.

**Lecturer** | a person who works in higher education delivering information on a particular subject to a class of students.

**Major** | an approved discipline-based sequence of eight units within an undergraduate degree course.

**Mature-age student** | a person aged 20 years or over at 1 March in the year they intend to commence study at university.

**Option units** | unit(s) students may choose from a list of alternatives.

**Part-time study** | enrolling in less than a 75 per cent study load (three units) per semester.

**Postgraduate study** | high-level university study generally undertaken upon the completion of a bachelor’s degree.

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

**Professor** | a university academic of a particular rank.

**Scholarship** | a sum of money or other aid granted to a student, based on merit or need, to help students pursue their studies.

**Semester** | a standard teaching period of 13 weeks, representing half the academic year. Semester one runs from February to June; semester two from July to November.

**Student contribution** | the financial contribution that students in Commonwealth-supported places make towards the cost of their tuition. See page 10.

**Student Exchange Program** | a reciprocal exchange program available to undergraduate and postgraduate students enabling them to study at an overseas university and gain credit towards their UWA degree.

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

**Unit** | a subject studied for the duration of (usually) one semester.
THE INFORMATION IN THIS PUBLICATION APPLIES SPECIFICALLY TO DOMESTIC STUDENTS (AUSTRALIAN CITIZENS, NEW ZEALAND CITIZENS, AUSTRALIAN PERMANENT RESIDENTS AND HOLDERS OF A PERMANENT HUMANITARIAN VISA). INTERNATIONAL STUDENTS SHOULD CONSULT THE INTERNATIONAL CENTRE. INFORMATION IN THIS PUBLICATION IS CORRECT AS OF MARCH 2015, BUT MAY BE SUBJECT TO CHANGE. IN PARTICULAR, THE UNIVERSITY RESERVES THE RIGHT TO CHANGE THE CONTENT AND/OR THE METHOD OF PRESENTATION AND/OR THE METHOD OF ASSESSMENT OF ANY UNIT OF STUDY, TO WITHDRAW ANY UNIT OF STUDY OR COURSE WHICH IT OFFERS, TO IMPOSE LIMITATIONS ON ENROLMENT IN ANY UNIT OR COURSE AND/OR TO VARY ARRANGEMENTS FOR ANY COURSE.