Welcome to our community

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

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

– Professor Dawn Freshwater, Vice-Chancellor

ACKNOWLEDGEMENT

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

Why study at UWA? 4
Facilities 6
UWA student life 8
Taking you global 9
Your degree, your way 10
Bachelor of Biomedical Science 12
Bachelor of Science 14
Undergraduate majors
Aboriginal Health and Wellbeing 16
Anatomy and Human Biology 17
Biochemistry and Molecular Biology 18
Exercise and Health 19
Genetics 20
Humanities in Health and Medicine 21
Medical Sciences 22
Microbiology and Immunology 23
Neuroscience 24
Pathology and Laboratory Medicine 25
Pharmacology 26
Physiology 27
Population Health 28
Psychological Science 29
Psychology in Society 30
Psychology (double major) 31
Science Communication 32
Sport Science 33
Sport Science, Exercise and Health (double major) 34
Pathways to professional careers 37
Master of Clinical Audiology 38
Master of Clinical Exercise Physiology 39
Master of Clinical Pathology 40
Doctor of Dental Medicine 42
Doctor of Medicine 44
Medical Physics 46
Doctor of Podiatric Medicine 48
Master of Pharmacy 50
Doctor of Philosophy and Master of Clinical Neuropsychology 52
Doctor of Philosophy and Master of Clinical Psychology 53
Master of Professional Engineering – Biomedical 54
Master of Social Work 55
Postgraduate courses in biomedical and health sciences 56
Master of Aboriginal Health 57
Graduate Certificate in Autism Diagnosis 57
Master of Biological Arts 57
Master of Biomedical Science 57
Master of Biotechnology 57
Doctor of Philosophy and Master of Clinical Audiology 58
Graduate Diploma in Clinical Neuropsychology 58
Doctor of Clinical Pharmacy 58
Master of Clinical Research 58
Graduate Diploma in Forensic Odontology 59
Graduate Diploma in Dental Sleep Medicine 59
Graduate Diploma in Dental Public and Primary Health 59
Master of Dental Public and Primary Health 59
Doctor of Clinical Dentistry 59
Graduate Certificate in Emergency Medicine Research 59
Master of Exercise Science (coursework or coursework and dissertation) 60
Master of Exercise Science (thesis and coursework) 60
Graduate Certificate in Health Professions Education 60
Graduate Diploma in Health Professions Education (coursework and dissertation) 60
Master of Health Professions Education (thesis and coursework) 60
Master of Health Science 61
Graduate Diploma in Infectious Diseases 61
Master of Infectious Diseases 61
Master of Infectious Diseases and Doctor of Philosophy 61
Doctor of Podiatric Surgery 61
Graduate Certificate in Population Health Studies 62
Master of Pathology 62
Master of Public Health (with specialisation) 62
Master of Public Health 62
Master of Science 62
Graduate Certificate in Rural and Remote Medicine 62
Master of Rural and Remote Medicine 62
Master of Science Communication 63
Graduate Certificate in Adult Sleep Science 63
Graduate Diploma in Sleep Science 63
Graduate Certificate in Mental Health Practice 63
Graduate Certificate in Social Policy Practice 63
Graduate Diploma in Advanced Social Work 64
Master of Advanced Social Work 64
Doctor of Social Work 64
Master of Surgery 64
How to apply for an undergraduate course 66
Courses with additional entry requirements 66
How to apply for a postgraduate course 68
Additional entry requirements 70
Alternative entry pathways 72
Entry pathways for Indigenous students 73
Undergraduate fees 74
Postgraduate fees 75
Scholarships 76
Supporting you 77
Join us on campus 78
Contact us 79
Course index 79
If you are interested in pursuing a career that focuses on bringing about meaningful change to the world through health and medicine, UWA's suite of health-focused courses will provide you with the skills, hands-on training and pathways to the career of your choice.

From genetics and medical sciences to psychology, dentistry and many more, you will be able to discover your passion through our flexible degrees. You'll be taught at the top university in WA, where state-of-the-art facilities provide leading learning experiences. Our industry recognised courses will connect you to local and global communities, providing you with the opportunity to take your career overseas.

Courses
Set yourself apart with a UWA degree. Our biomedical and health sciences courses equip you with the skills and knowledge to succeed in your career. You will be taught by world-class lecturers in cutting-edge laboratories and tutorial rooms at UWA's Perth campus and at the UWA Health Campus on the QEII Medical Centre site.

Experience more than just study
University life is about so much more than just study. We have more than 140 clubs and societies you can join to take part in activities you already enjoy or get involved in something new. There are events throughout the year, including O-Day Festival during orientation, food fairs, regional trips, wellness sessions and themed activity weeks.

Notable UWA alumni
Professor Barry J. Marshall was awarded a Nobel Prize in 2005 for his revolutionary discovery of the stomach ulcer-causing Helicobacter pylori bacterium. Professor Marshall continues to treat patients and leads UWA research teams within the Marshall Centre for Infectious Diseases Research and Training, of which he is a director.

Take your degree global
As part of your learning experience at UWA, you can undertake a semester or a year abroad. We have more than 180 exchange agreements with tertiary institutions all over the world. If you can't commit to a full semester away or want to build on your previous exchange experience, you can complete an internship, practicum, short course or research program overseas.

Connect with industry professionals
We celebrate strong industry partnerships, offering you practical, real-world experiences in addition to valuable networking opportunities. Our network of industry placements also allows you to find uncredited placements, and for-credit placements. Practicums can be also arranged as part of your degree.

Pursue postgraduate study
Pursuing a higher degree is one of the best investments you can make in yourself. You’ll learn from experts in your field and make invaluable contacts before you graduate.

Global networks of knowledge and research
UWA's world-class lecturers and researchers are equipped with the teaching technologies of tomorrow to deliver a leading learning environment for students. A strong focus on knowledge and research capacities means you'll be at the forefront of a rapidly evolving world and ready to succeed in your career of choice.

With more than 75 research institutes and centres, UWA fosters links with local, national and international industries and governments. The strength of our research output makes us appealing to researchers of international standing, many of whom head major research centres with global connections. As a student this means you’ll benefit from the knowledge and expertise of our staff, with networking opportunities that can lead to career possibilities around the world.
Highest ranked university in Western Australia

Ranked in the world’s Top 100 universities

Ranked in the world’s Top 50 for:
• Anatomy and Physiology
• Psychology

and in the world’s Top 100 for:
• Life Sciences and Medicine
• Biological Sciences

(QS World University Rankings by Subject 2019)
UWA Health Campus

Gain practical experience through laboratories at undergraduate level and clinical placements in hospitals and clinics during postgraduate study. The UWA Health Campus is located on the same site as the Queen Elizabeth II Medical Centre in Nedlands and is the largest medical centre in the Southern Hemisphere. It is globally recognised in healthcare, research and education.

The Oral Health Centre
A state-of-the-art dental teaching and learning facility has united with an oral healthcare clinic, making UWA the only institution in the State offering tertiary training in dentistry. The Oral Health Centre is first and foremost a teaching facility, and its contract with the government to provide dental services to eligible members of the public ensures students have access to a suitable pool of patients to develop the necessary skills and aptitudes of oral health practitioners. Students learn either by treating patients under close supervision by highly experienced and skilled tutors or by observing general and specialist dentists treating a wide range of dental conditions. The Oral Health Centre provides modern clinical facilities, laboratories with cutting-edge equipment and clinical teaching and computing facilities.

Laboratories
UWA’s laboratories enable students to gain valuable technical experience and solidify their understanding of what is taught in lectures.

e-Learning suites
Students will have their critical thinking and analytical skills sharply honed for an ever-changing work environment thanks to the e-learning suites which replace traditional teaching methods. These give our students practical diagnostic experience and an environment that mimics the consultative nature of a working laboratory. Students sit in groups and analyse data on real patient blood samples. They work together to develop a diagnosis and treatment regime, and see first-hand how their decisions could influence the outcome for patients. Multiple monitors allow the connection of personal devices, which lets students and teachers share and compare work.

The J. Robin Warren Library
A $7 million refurbishment was recently completed, which has totally transformed the traditional library into an innovative, technology-rich space to enhance the student experience. The modern study space includes spaces for collaborative learning, study booths, an e-learning suite, training room and kitchen facilities.

Podiatry Clinic
The clinic is a training venue for students completing postgraduate studies in podiatric medicine. Students provide a high degree of professional attention to members of the public while under the close supervision of highly experienced and skilled podiatrists. The Podiatry Clinic is located just off the Health Campus on Park Road.
UWA Perth campus

UWA brings together heritage architecture and state-of-the-art teaching and research facilities to provide an ideal learning environment. As a student, you can enjoy a range of recreational amenities and modern facilities, including lecture theatres, tutorial spaces, laboratories and more, to ensure you feel inspired to pursue your personal interests and career goals while studying.

Bayliss Building
This five-storey building is a thriving centre for world-class research and teaching in biomolecular sciences and chemistry, with advanced labs and cutting-edge instrumentation on every level. It’s the largest building on campus and features an impressive DNA double-helix design.

Clinical Training and Evaluation Centre (CTEC)
CTEC is Australia’s premier medical and surgical skills training centre and one of the most advanced medical technology complexes in the world. Students practise essential surgical skills in the main operating theatre, which is complete with instrumentation, superior quality laparoscopic equipment for keyhole surgery, imaging technology and manikin trainers.

Reid Library
With more than a million books, UWA’s Reid Library is the largest academic library in Western Australia. Recent upgrades doubled the number of collaborative student spaces and improved the facilities, technology and access available, as well as delivering a brand new café.

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

Centre for Sleep Science
The Centre for Sleep Science boasts five bedrooms equipped with state-of-the-art sleep recording and analysis equipment for laboratory-based research sleep studies. The Centre also contains training and seminar rooms and offices for staff and students. The Centre for Sleep Science is the base for a number of postgraduate sleep training courses offered at UWA.

Robin Winkler Clinic
The Robin Winkler Clinic is a clinical psychology and clinical neuropsychology unit linked to the School of Psychological Science at The University of Western Australia. Under the expert supervision of experienced clinical psychologists and clinical neuropsychologists provisionally registered postgraduate clinical psychology and clinical neuropsychology trainees carry out individual and group therapy treatment, neuropsychological assessment and rehabilitation for children, adolescents, adults and seniors.
UWA Sport
Whether you play sport to stay active or socialise with friends, unleash your inner athlete with UWA Sport.

- Access more than 50 group fitness classes a week or use the latest equipment and multiple training zones with your gym membership.
- Enjoy facilities such as swimming pools, tennis and squash courts as well as large open playing fields at the nearby UWA Sports Park.
- Take part in numerous social sports, clubs and programs.
- Take on another faculty or college or choose to represent UWA at high-level sporting competitions such as the Western Uni Games and the Australian Uni Games.

sport.uwa.edu.au

The friendships you make living here will last a lifetime!

uwa.edu.au/colleges

UWA also owns a group of student accommodation known as Crawley Village. This includes residential houses, units and studio apartments that are available to rent if you’re interested in more interdependent living.

accommodation.uwa.edu.au

Volunteering
The Guild Volunteering office helps students find their ideal volunteering role. Many opportunities will be added to your degree transcript and you can choose from a range of fields.

Check out what current students get up to:

UWastudents
uwastudents
universitywa
uwastudents

Food outlets
There are loads of places to eat and drink on campus that are waiting to be discovered. Head to any of the seven Guild-run cafés and bars, tenanted locations, food trucks or student stalls for organic coffee, fresh salads, hearty meals or sweet treats.
Do you love to travel? As a UWA student you have the opportunity to discover new cities and experience other cultures with the UWA Student Exchange Program. You can study at one of our partner universities across Asia, Europe or North or South America for one or two semesters while continuing to gain credit towards your degree.

study.uwa.edu.au/global

“The exposure to the way people study and the courses available in other universities definitely helped me broaden my perspective of potential career paths. I was able to go out and travel, and I could just hop on a bus for a few euro to another country and meet so many people, which was exciting and incredibly fun. I came back home feeling more confident, independent and empowered with the skills I had learnt.”

Leila Kint
2nd Year Medical Sciences and Philosophy major
UWA courses are designed to give you a competitive edge. Throughout your studies you’ll gain practical experience and learn valuable skills such as effective communication, problem-solving and research abilities. These key competencies enable you to adapt to an ever-changing and rapidly developing world and help future-proof your career.

The biomedical and health sciences undergraduate courses allow you to graduate with a Bachelor of Biomedical Science or a Bachelor of Science, depending on the major you choose.

**Majors**

You’ll complete one or two majors within your degree. Your first major is a specialty area that leads to the career you’re pursuing or if you want an in-depth understanding of a particular topic of interest.

Your second major allows you to pursue another interest and can be anything you like. You can choose a subject that complements your first major or something completely different, such as a language or music. Maybe you’re passionate about sport science but really enjoy history? At UWA you can try out both – it’s completely up to you.

**Units**

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

**Core units**

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

**Broadening units**

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

Broadening units fall into two categories, A and B. Category A broadening units are chosen from a specific list, and focus on an aspect of the globalised and culturally diverse environment. Category B broadening units may be chosen from any discipline outside the knowledge area of your degree. Within the four required broadening units, at least one must be Category A and at least two must be Category B.

**Complementary units**

These units go hand-in-hand with your major/s and are designed to give you extra knowledge to help you complete your major. They must be completed for your degree-specific major but are optional in your second major.

**Elective units**

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

Select your core units and additional units
Graduate with an undergraduate degree prior to honours and/or postgraduate study

Undergraduate Degree
Honours
Postgraduate

Global career

Example Study options

* Students can also study their majors through a Bachelor of Philosophy (Honours) degree, which requires a minimum ATAR of 98. study.uwa.edu.au.bphil

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Semester 1</th>
<th>Major 1</th>
<th>Microbiology and Immunology</th>
<th>Complementary</th>
<th>Science Communication</th>
<th>Broadening</th>
<th>Spanish</th>
<th>Major 2</th>
<th>Genetics</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Semester 2</td>
<td>Major 1</td>
<td>Microbiology and Immunology</td>
<td>Elective</td>
<td>Psychology</td>
<td>Broadening</td>
<td>Spanish</td>
<td>Major 2</td>
<td>Genetics</td>
</tr>
<tr>
<td>Year 2</td>
<td>Semester 1</td>
<td>Major 1</td>
<td>Microbiology and Immunology</td>
<td>Elective</td>
<td>Psychology</td>
<td>Broadening</td>
<td>Music</td>
<td>Major 2</td>
<td>Genetics</td>
</tr>
<tr>
<td></td>
<td>Semester 2</td>
<td>Major 1</td>
<td>Microbiology and Immunology</td>
<td>Elective</td>
<td>Aboriginal Health and Wellbeing</td>
<td>Broadening</td>
<td>Music</td>
<td>Major 2</td>
<td>Genetics</td>
</tr>
<tr>
<td>Year 3</td>
<td>Semester 1</td>
<td>Major 1</td>
<td>Microbiology and Immunology</td>
<td>Major 1</td>
<td>Microbiology and Immunology</td>
<td>Major 2</td>
<td>Genetics</td>
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<td>Genetics</td>
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<td>Genetics</td>
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</table>
The Bachelor of Biomedical Science is an exciting undergraduate degree designed to meet growing global demand for graduates with health expertise. You can specialise in one or two of the majors available in this degree, or combine a Biomedical Science major with a major from Arts, Commerce or Science, in line with your unique interests and career goals.

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

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

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

- Aboriginal Health and Wellbeing
- Anatomy and Human Biology
- Biochemistry and Molecular Biology
- Exercise and Health
- Genetics
- Humanities in Health and Medicine
- Medical Sciences
- Microbiology and Immunology
- Neuroscience
- Pathology and Laboratory Medicine
- Pharmacology
- Physiology
- Population Health

Population Health and Management alumna – Lucy Tillotson

"Initially I wasn’t too sure what career path to go down. I found Population Health and Management both led to a number of career options and really complemented each other. The further into my degree I got, the more I realised the changing demands of the Australian health system and the need for strong leadership and management within the health sector.

I believe UWA produces well-educated, confident graduates who are passionate about solving real-world problems and it has a great environment for fostering future leaders. Studying Population Health and Management at UWA has truly set me apart from other graduates, while providing me with a first-class education.”

* The Medical Sciences major requires a 94 ATAR. Quota restrictions apply for this course.
The Bachelor of Science focuses on understanding and improving the natural world through systematic observation, experimentation, modelling and calculation.

The Bachelor of Science gives you the opportunity to harness the skills and knowledge necessary to make a real contribution to the global challenges facing humanity.

Why study Science?
Scientists study the nature of the universe, its properties, the life that exists within it and the laws that govern the behaviour of all matter. Depending on your major, you’ll investigate the big issues confronting our planet including climate change, diagnosis and treatment of disease, healthy lifestyles, food sustainability and conserving biodiversity. The importance of science in determining the wellbeing of our society is recognised by industry, business and government.

Beyond your degree
The skills you gain when studying the Bachelor of Science form the foundation of a great science education and are highly valued and sought-after by employers. These include reason, logic, observation, analysis, resourcefulness, communication, creativity, imagination and experimentation. Science graduates are in demand worldwide with job opportunities across a range of sectors. If you choose to pursue further study, a master’s degree by research or a Doctor of Philosophy (PhD) will enable you to move into a career in scientific research.

Career-ready
You may be eligible for Work Integrated Learning (WIL) opportunities depending on your chosen course of study. Science practicums provide hands-on learning within a workplace. Students also have access to valuable networking opportunities with industry professionals.
### Bachelor of Science

**You can major in:**

- Agricultural Science
- Anatomy and Human Biology
- Biochemistry and Molecular Biology
- Botany
- Chemistry
- Computer Science
- Conservation Biology
- Data Science
- Engineering Science
- Environmental Science
- Exercise and Health
- Genetics
- Geographical Sciences
- Geology
- Marine Science
- Mathematics and Statistics
- Microbiology and Biology
- Natural Resource Management
- Neuroscience
- Physics
- Physiology
- Psychological Science
- Psychology (double major)
- Science Communication (second major only)
- Sport Science
- Sport Science, Exercise and Health (double major)
- Zoology

### Study UWA

**Intake:** February and July

**Duration:** 3.5 years full-time

**ATAR:** 80

**Median Graduate Starting Salary:** $56k

**Positive Outcomes:** 93%

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1. ATAR for Broadway UWA, see page 72 for more information.
2. Four years if undertaking a Bachelor of Philosophy (Honours). Visit [study.uwa.edu.au/bphil](http://study.uwa.edu.au/bphil) for more information.
3. For Agricultural Sciences and Environmental Science and Engineering (Academic Ranking of World Universities 2018) For Anatomy and Physiology, sports-related subjects (QS World University Ranking by Subject 2018)
5. Graduate Outcomes Survey 2017. Expected salary may be higher on completion of postgraduate study.
Aboriginal Health and Wellbeing

study.uwa.edu.au/aboriginal-health

PREREQUISITES: Mathematics Applications ATAR or a Mathematics unit may be required as part of your degree
RECOMMENDED: Mathematics Methods ATAR

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

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

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

Popular study combinations
- Population Health
- Indigenous Knowledge, History and Heritage
- Medical Sciences

Course structure
Level 1 Core units
- Aboriginal Encounters: Strangers in our Backyard
- Boodjar Moort Katitjin: Introduction to Indigenous Heritage and Knowledge

Level 2 Core units
- Aboriginal Health and Wellbeing
- Indigenous Knowledge: Mind, Body and Spirit

Level 3 Core units
- Aboriginal Health Community Organisation Placement
- Aboriginal Health Research Project
- Aboriginal Social and Emotional Wellbeing
- Indigenous Research

Complementary units
Students nominating Aboriginal Health and Wellbeing as their degree-specific major in the Bachelor of Biomedical Science or Bachelor of Philosophy (Honours) course must also study:
- Communication and Project Planning in Health
- Foundations of Epidemiology and Biostatistics
- Human Biology I: Becoming Human
- Human Biology II: Being Human

Career opportunities
Graduates are well prepared for careers in Aboriginal health research, policy, management and practice in Aboriginal and government context.

Further study options
On completion of the Aboriginal Health and Wellbeing major, students may undertake honours or master’s-level studies in a range of areas including Aboriginal health and population health. Students may also be able to proceed into one of the postgraduate professional health courses.

“I would like to pursue a career in the health and medical field as a role model and an ambassador for the Aboriginal community. The course gives me the knowledge and understanding of how to help close the health gap and help future generations of Aboriginal people live healthier lives.”

Onike Williams
What is it that makes us human? The Anatomy and Human Biology major allows you to explore the fascinating concept of what it means to be human in an integrative way, combining studies of the behaviour and biology of human beings with current social and ethical issues.

The units offered in this major cover human functional anatomy; genetics; variation and evolution; reproduction; embryology and growth; microscopic structures of cells and tissues; structure and function of the nervous system; and ecology, behaviour and biosocial interactions. You’ll explore all of these from the molecular to the population level and beyond.

Course structure
Level 1 Core units
- Human Biology I: Becoming Human
- Human Biology II: Being Human

Level 2 options
Complete all units in a group of your choice:
Group A
- Human Structure and Development and
- Human Reproductive Biology
Group B
- Human Organs and Systems and
- Human Reproductive Biology

Group C
- Human Structure and Development and
- Biological Anthropology: Human Adaption and Variation

Group D
- Human Organs and Systems and
- Biological Anthropology: Human Adaption and Variation

Level 3 options
Select one:
- Human Biology: Applications and Investigations I
- Human Biology: Applications and Investigations II

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

Complementary units
Students who have not completed Mathematics Applications ATAR or higher.

Career opportunities
Graduates can find jobs in areas such as assisted reproductive technology, university and hospital laboratory research, and sleep science. Other employment opportunities are available in science education, museums and the media, as well as in NGOs and commercial organisations e.g. pharmaceutical and scientific equipment companies.

Future study options
Honours in Anatomy and Human Biology is a blend of coursework and project work designed to introduce you to the world of research. It equips you with the skills and flexibility of outlook needed to deal with rapidly changing technologies and leads you into habits of critical thinking, problem analysis and public presentation, which would serve in any leadership role. The combination of formal study and practical experience offered in this honours specialisation is suitable preparation for entry into graduate professional courses such as medicine, physiotherapy, audiology, chiropractic, nursing, teaching or forensics, especially for students interested in furthering those fields through research. It also provides a suitable entry-level qualification for careers in reproductive technology, science communication, biomedical research and primatology.
Biochemistry and Molecular Biology

The science of Biochemistry and Molecular Biology aims to understand how the natural world works. It provides insights to the mechanisms of evolution, growth, development, reproduction and disease, plus tools to improve our quality of life. This may be through the development of a drug or drought-resistant crop plant or understanding what controls an individual’s health.

In this major you’ll investigate the information stored in DNA and study the way molecules are organised and how they interact to achieve the functions of the living cell and that of the organism.

Course structure
Level 1 Core unit and option
- Molecular Biology of the Cell

Plus one of the following:
- Biological Chemistry
- Chemistry – Structure and Reactivity

Level 2 Core units
- Biochemistry and Molecular Biology of the Cell
- Biochemical Regulation of Cell Function

Level 3 Core units
- Cellular Biochemistry
- Molecular Biology
- Omics – Global Approaches to Cell Function
- Structural and Functional Biochemistry

Complementary units
Students nominating Biochemistry and Molecular Biology as their degree-specific major in the Bachelor of Biomedical Science, Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
- Chemistry—Properties and Energetics (for students with Chemistry ATAR)
- Introductory Chemistry (for students without Chemistry ATAR)
- Statistics for Science

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

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

Further study options
By undertaking honours in Biochemistry and Molecular Biology, you will develop an understanding of the research process and your abilities to conduct independent research. You will acquire training and practice in skills such as experimental methods, problem solving, literature searching, data analysis, computing, team building, and written and oral communication.
Are you passionate about exercise and health? Do you want to educate and inspire others about keeping fit and being healthy? The health industry is a vital part of Australian life with professional graduates playing a key role, through policy and practice, across all life stages.

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

Course structure
Level 1 Core units
- Applied Anatomy and Athletic Performance
- The Musculoskeletal System and Movement

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

Level 3 Core units and option
- Exercise Prescription and Nutrition for Health and Fitness
- Lifespan Motor Development
Plus one of the following:
- Coaching Psychology
- Psychology of Sport

Complementary units
Students nominating Exercise and Health as their degree-specific major in the Bachelor of Biomedical Science, Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
- Mathematics Fundamentals (only for students without Mathematics Applications ATAR or higher, or WACE Mathematics 2C/2D)
- Physical Fitness and Health
- Psychology: Behaviour in Context

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

Further study options
Honours in Exercise and Health provides you with interdisciplinary research skills and advanced knowledge in a select sub-discipline area (exercise physiology/biochemistry, biomechanics, motor development, exercise and health psychology or activity promotion). The honours specialisation provides an ideal background for continuance to a PhD or other professional-based research degrees.
Genetics is the study of biologically inherited traits as diverse as those that cause human disease, allow a rare plant to live in a single isolated location, or result in a desirable characteristic of a domestic animal used in agriculture.

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

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

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

Level 3 Core units and option
- Evolution and Development
- Genomics
- Molecular Genetics II
- Evolutionary Processes
- Medical Genetics

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

Students with Chemistry ATAR must take:
- Statistics for Science; and either
- Chemistry—Properties and Energetics or
- Biological Chemistry Students without Chemistry ATAR must take:
- Statistics for Science
- Introductory Chemistry

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

Further study options
By undertaking honours in Genetics, you will develop an understanding of the research process and your abilities to conduct independent research. You will acquire training and practice in skills such as experimental methods, problem solving, literature searching, data analysis, computing, team building, and written and oral communication. Subjects include Advanced Studies in Genetics and Genomics, Advanced Techniques in Molecular Sciences and others.
Humanities in Health and Medicine at UWA is an interdisciplinary, humanistic and cultural study of health, illness, healthcare, and the human body, mind and spirit.

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

This major balances the educational experience for students where arts and humanities subjects might contribute to their preparedness for a cycle two degree in the health professions.

As well as taking units that will broaden understanding of disciplines within the humanities field, students will appreciate different models of health and healthcare – cultural and spiritual including Aboriginal health; be immersed in the areas of narrative medicine and literature - fiction and non-fiction; explore the application of arts and music to health and wellbeing, and develop their own creativity, communication and empathy skills.

Any student already planning a career in medicine, dentistry or as a health professional, in health care policy or law, psychology, public/global health, social work, patient advocacy, or health journalism will benefit from completing this major.

The major is coordinated by the Division of Health Professions Education in the School of Allied Health and is a collaboration with the Medical School.

Course Structure

Level 1 Core units
Take two of the following:
• Being Human: Culture, Identity and Society
• Reading Bodies
• Aboriginal Encounters: Strangers in our Backyard
• Law, Conflict and Change
• Neuroscience in Society
• Introduction to Critical Thinking
• Psychology: Behaviour in Context
• Health and Illness in Human Populations

Level 2 Core units
• Humanities in Health and Medicine
Plus two of the following:
• Aboriginal Health and Wellbeing
• Sex, Gender and Social Life
• Mental Wellbeing for Today’s World
• Birth, Life, Death and the Law
• Bioethics
• Problems in Philosophical Psychology
• Plagues, Pox and Pandemics: the History of Death and Disease
• Aesthetic Crossovers of Art and Science

Level 3 Core units
• Narrative Medicine for Research, Education and Practice
• Application of Humanities to Health Care
• Building the bridge while walking over it: the journey to person centred health care

Popular study combinations
• Medical Science
• Population Health
• Aboriginal Health
• Anthropology
• Psychology
• Philosophy

Career opportunities
A major in medical humanities is intended primarily for undergraduate students who are planning careers in healthcare. As a Humanities in Health and Medicine graduate, possible careers include:
• health education
• public health
• community health
• healthcare administration
• consumer advocate

Further study options
The Humanities in Health and Medicine major complements further postgraduate study in other health-related courses:
• Doctor of Medicine
• Doctor of Dental Medicine
• Master of Pharmacy
• Master of Social Work
• Doctor of Podiatric Medicine
• Master of Public Health
Medical Sciences

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

Developed with leading clinical practitioners and educators, this major equips students with a strong foundation in medical sciences. Through the integration of theory and practical laboratory experiments, you’ll develop critical skills and knowledge across preclinical scientific disciplines. You’ll also be introduced to key concepts and methods used in clinical epidemiology, research study design and statistical reasoning.

Popular study combinations
- Microbiology and Immunology
- French Studies
- Korean Studies
- Population Health
- Management
- Psychological Science

Course structure

Level 1 Core units
- Form and Function
- The Facts of Life

Level 2 Core units
- Body Defences
- Blood and Drugs

Level 3 Core units
- Body Systems and Disease I
- Body Systems and Disease II
- Body Systems and Disease III
- Body Systems and Disease IV

Complementary units
Students nominating Medical Sciences as a major in the Bachelor of Biomedical Science or Bachelor of Philosophy (Honours) course must also study:
- Cell Survival and Communication
- Health and Society
- Human Development and Genetics
- Medical Sciences Research Methodologies

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

Career opportunities
The Medical Sciences major ensures you gain a strong and thorough knowledge base from a range of essential disciplines including anatomy, biochemistry, microbiology, pathology, genetics, pharmacology, population health and physiology. This knowledge base is easily and flexibly applied to potential postgraduate education pathways in health and science, and numerous professional-related career paths. Medical Sciences graduates will have careers that span research, education, health administration and policy, and clinical practice.

Further study options
This major provides students with a solid foundation in the medical sciences and a basis for future learning in postgraduate courses such as medicine, dentistry, pharmacy, podiatry, social work and clinical pathology at UWA.

* Quota restrictions apply to this course. Only available for Semester 1 commencement

study.uwa.edu.au/medical-sciences

PREREQUISITES: Chemistry ATAR or a chemistry unit as part of your degree and Mathematics Applications ATAR or a mathematics unit as part of your degree

RECOMMENDED: Mathematics Methods ATAR

This major is available via the Bachelor of Biomedical Science or Bachelor of Philosophy (Honours)
Microbiology is the study of microbes and organisms too small to be seen without a microscope and the role they play in health, disease and the environment.

Microbiology covers a range of fields from immunology, which studies how the body’s immune system protects itself from infectious disease, to microbial genetics and genetic engineering. Your studies can be applied in areas as diverse as medicine, food spoilage, control of environmental pollution and space science. You’ll receive a thorough grounding in the scientific basis of the discipline and its applications in the real world.

**Popular study combinations**
- Biochemistry and Molecular Biology
- Genetics
- Pathology
- Anatomy and Human Biology

**Course structure**

**Level 1 Core unit and option**
- Molecular Biology of the Cell
  - Human Biology I: Becoming Human
  - Human Biology II: Being Human
  - Frontiers in Biology

**Level 2 Core units**
- Introductory to Microbiology
- Introduction to Infectious Diseases and Immunology

**Level 3 Core units**
- Immunobiology and Immune Diseases
- Applied and Environmental Microbiology
- Viruses and Viral Disease
- Bacteria and Bacterial Disease

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

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

**Further study options**
Students with a Microbiology and Immunology major can pursue further studies at honours or postgraduate level, and could pursue a PhD thereafter:
- Graduate Diploma in Infectious Diseases
- Master of Infectious Diseases (coursework and dissertation)
- Master of Science Communication

**Accreditation**
As a graduate, you will be eligible for membership with the Australian Society for Microbiology (ASM), the national scientific and employment body of the profession.
Neuroscience

study.uwa.edu.au/neuroscience

PREREQUISITES: Mathematics Methods ATAR or Mathematics Applications ATAR with a mathematics unit taken in the first year
RECOMMENDED: Chemistry ATAR and Physics ATAR

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

How do we process sensory stimuli? How do medical conditions such as Alzheimer’s disease, deafness, dementia and depression affect the brain and nervous system? Neuroscience investigates the answers to these questions and all areas of the nervous system.

The Neuroscience major looks at concepts in human and experimental neuroscience, introducing you to research techniques and providing a solid background on what we know about the normal and abnormal/injured brain. Academics with international reputations in research will teach you about the nervous system at all levels, from the transfer of information from one nerve cell to another, to the complexities of how behaviour, thought and emotions are produced.

Course structure
Level 1 Core units
- Psychology: Behaviour in Context
- Psychology: Mind and Brain

Level 2 Core units
- Human Neurobiology
- Physiology of Cells

Level 3 Core units
- Advanced Neuroscience 1
- Advanced Neuroscience 2
- Comparative Neurobiology
- Neuroscience

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

Plus one pair of units:
- Frontiers in Biology; and Molecular Biology of the Cell
- Human Biology I: Becoming Human; and Human Biology II: Being Human
- Human Biology I: Becoming Human; and Molecular Biology of the Cell

Plus one of the following:
- Cognitive Neuroscience
- Perception and Sensory Neuropsychology

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

Further study options
Honours in Neuroscience is a blend of coursework and research project work designed to introduce you to the world of research. It will equip you with the skills and flexibility of outlook needed to deal with rapidly changing technologies and lead into habits of critical thinking, problem analysis and public presentation. The combination of formal study and practical experience offered by this honours specialisation is suitable preparation for entry into graduate professional courses such as medicine, physiotherapy, audiology, chiropractic, nursing, teaching or forensics, especially for students interested in furthering those fields through research. The honours specialisation also provides a suitable entry-level qualification for biomedical research.
Pathology and Laboratory Medicine can be considered the basis of modern scientific medical knowledge and plays a critical role in evidence-based medicine.

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

Popular study combinations
- Microbiology and Immunology
- Pharmacology
- Genetics
- Finance

Course structure
Level 1 Core units
- Biological Chemistry
- Molecular Biology of the Cell

Level 2 Core units
- Fundamentals of Pathology and Laboratory Medicine
- Introduction to Human Disease

Level 3 Core units
- Immunobiology and Immune Diseases
- Medical Genetics
- Pathology and Laboratory Medicine II
- Cancer Pathology

Complementary units
Students nominating Pathology and Laboratory Medicine as their degree-specific major in the Bachelor of Biomedical Science or Bachelor of Philosophy (Honours) course must also study:
- Frontiers in Biology
- Introductory Chemistry (for students without Chemistry ATAR)

Plus two of the following:
- Biochemistry and Molecular Biology of the Cell
- Introduction to Infectious Diseases and Immunology
- Molecular Medicine

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

Further study options
You can pursue further study at honours level and could pursue a PhD thereafter. Other further study options include:
- Master of Clinical Pathology
- Master of Infectious Diseases
- Doctor of Dental Medicine
- Doctor of Medicine

“I chose to study this course at UWA because of the flexibility in career options, and the opportunities provided are ones that prepare us for our chosen professions after graduation.”

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

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

Popular study combinations
- Biochemistry and Molecular Biology
- Physiology
- Neuroscience
- Pathology

Course structure
Level 1 Core unit and option
- Molecular Biology of the Cell
- Biological Chemistry
- Chemistry Structure and Reactivity

Plus one of the following:
- Human Pharmacology
- Foundations of Pharmacology

Level 2 Core units
- Foundations of Pharmacology
- Human Pharmacology

Level 3 Core units
- Molecular Pharmacology
- Molecular Pharmacology Methods
- Systems Pharmacology
- Systems Pharmacology Methods

Career opportunities
UWA graduates in Pharmacology have pursued a number of pathways including:
- research in a hospital, research institute or pharmaceutical industry
- employment in a pharmaceutical industry
- clinical trials coordinators
- State or federal regulatory agencies with oversight for drug use
- science education and vocational study

As with most other biomedical disciplines, the prospects of satisfying employment are enhanced by completing an honours or higher degree.

Further study options
This major provides a basis for further training in pharmacology leading to a research career or to further study in complementary fields such as:
- pharmacy
- medicine
- dentistry
- science education

"After taking an elective in Pharmacology, I really enjoyed the unit so I decided to pursue it further as a major. The flexibility of my undergraduate degree allowed me to find something that I am passionate about. The course is highly interesting and the facilities provide me with the best experience and training for my future goals."

Fieke Koelemij
Physiology

PREREQUISITES: Mathematics Methods ATAR or Mathematics Applications ATAR with a mathematics unit taken in the first year
RECOMMENDED: Chemistry ATAR and Physics ATAR

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

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

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

Course structure
Level 1 Core options (select two)
- Frontiers in Biology
- Human Biology I: Becoming Human
- Human Biology II: Being Human
- Molecular Biology of the Cell

Level 2 Core units
- Physiology of Cells
- Physiology of Human Body Systems

Level 3 Core units
- Physiology of Cardiovascular and Respiratory Systems
- Physiology of Integrated Organ Function
- Physiology of Membranes, Muscles and Signalling
- Physiology of Nutrition and Metabolism

Complementary units
Students nominating Physiology as their degree-specific major in the Bachelor of Biomedical Science, Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
- Introductory Chemistry (for students who do not have Chemistry ATAR)
- Mathematics Fundamentals (for students who do have Mathematics: Applications ATAR or WACE Mathematics 2C/2D)

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

Further study options
Honours in Physiology is a blend of coursework and research project work designed to introduce you to the world of research. The combination of formal study and practical experience offered by honours in Physiology is suitable preparation for entry into graduate professional courses such as medicine, physiotherapy, audiology, chiropractic, nursing, teaching or forensics, especially for students interested in furthering those fields through research.
Population Health

study.uwa.edu.au/population-health

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

RECOMMENDED: Mathematics Applications ATAR

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

Level 2 Core units
• Foundations of Epidemiology and Biostatistics
• Disease Prevention and Control

Level 3 Core units
• Health Leadership
• Health Promotion
• Health Research Design and Methods
• Health Systems and Policy

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

Further study options
With a Population Health major, you can pursue further studies at honours level or undertake the Graduate Certificate in Population Health Studies, Master in Public Health or Master of Health Science.

If you are interested in research, you can complete a Master of Philosophy or PhD on a research project you are passionate about.

This major offers an excellent foundation for the Doctor of Medicine, Doctor of Dental Medicine and Doctor of Podiatric Medicine. You may also wish to proceed into a postgraduate qualification course such as the Master of Social Work.

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

Popular study combinations
• Medical Sciences
• Microbiology and Immunology
• Aboriginal Health and Wellbeing
• Marketing
• Sociology
• Communication and Media Studies

Course structure
Level 1 Core units
• Health and Illness in Human Populations
• Health and Globalisation

study.uwa.edu.au
Psychological Science

study.uwa.edu.au/psychological-science

PREREQUISITES: Mathematics Applications ATAR or an additional mathematics unit taken in the first year

This major is available via the Bachelor of Science

Are you interested in how we learn, remember and think? Have you ever wondered how we control our movements or how we sense and respond to the objects and events around us? Psychology allows you to explore how and why people behave the way they do.

Psychological Science is the scientific study of mental processes and behaviour, and is a challenging and wide-ranging discipline that provides you with an understanding of our psychological processes and the relationship of these processes to brain function. You’ll also develop an understanding of how these processes are affected by ageing, brain damage and disease.

Course structure
Level 1 Core units
- Psychology: Behaviour in Context
- Psychology: Mind and Brain

Level 2 Core unit and option
- Introduction to Quantitative Methods in Psychology
Plus one of the following:
- Cognitive Neuroscience
- Cognitive Psychology
- Perception and Sensory Neuropsychology
- Psychology: Atypical Development

Level 3 Core units
- Intermediate Quantitative Methods in Psychology
- Psychology: Specialist Research Topics

Take two units with at least one from Group A:
Group A
- Cognitive Neuroscience
- Cognitive Psychology
- Perception and Sensory Neuropsychology
- Psychology: Atypical Development

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

Complementary units
Students without ATAR Mathematics Applications, WACE Mathematics 2C/2D or higher must complete Mathematics Fundamentals.

Career opportunities
This major prepares you for a career in which knowledge of human nature is valuable, such as government agencies, business, teaching and welfare. Your expertise with social survey methods, computer technology and measurement techniques means market research, advertising and media are also other career options.
Psychology in Society

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

PREREQUISITE SUBJECTS: There are no prerequisites for this major

This major is available via the Bachelor of Arts

Course structure

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

Level 2 Core unit and option
- Introduction to Quantitative Methods in Psychology

Plus one of the following:
- Adult Psychopathology
- Industrial and Organisational Psychology
- Psychology and Social Behaviour
- Psychology: Lifespan Development

Level 3 Core units and options
- Psychological Measurement and its Application
- Psychological Science in the Modern World

Take two units with at least one from

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

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

Career opportunities

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

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

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

ATAR 80
DURATION 3 YEARS FULL-TIME
LOCATION PERTH
Psychology (double major)

study.uwa.edu.au/psychology

PREREQUISITES: Mathematics Applications ATAR or an additional mathematics unit taken in the first year
Recommended: Mathematics Methods ATAR

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

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

A Psychology double major helps you develop a scientific understanding of human thoughts and behaviours, the psychological processes underlying these and the relationship of these processes to brain function. You’ll find an emphasis on the measurement of psychological abilities, on how these develop throughout life and on the processes that govern the relationships between people and groups in society. The Psychology double major has been awarded Conditional Accreditation by the Australian Psychology Accreditation Council (APAC) as a three-year psychology sequence.

Course structure

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

Level 2 Core units and options
- Introduction to Quantitative Methods in Psychology
  Plus two from the following:
  - Psychology: Atypical Development
  - Industrial and Organisational Psychology
  - Psychology and Social Behaviour
  - Psychology: Lifespan Development
  - Adult Psychopathology
  - Cognitive Psychology
  - Cognitive Neuroscience
  - Perception and Sensory Neuropsychology

Level 3 Core units
- Intermediate Quantitative Methods in Psychology
- Psychological Measurement and its Application
- Psychological Science in the Modern World
- Psychology: Specialist Research Topics
  Plus four from the following:
  - Psychology: Atypical Development
  - Industrial and Organisational Psychology
  - Psychology and Social Behaviour
  - Psychology: Lifespan Development
  - Adult Psychopathology
  - Cognitive Psychology
  - Cognitive Neuroscience
  - Perception and Sensory Neuropsychology

Complementary units
Students nominating Psychology as their degree-specific double major in the Bachelor of Arts, Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
- Mathematics Fundamentals (for those students without Mathematics Applications ATAR or WACE Mathematics 2C/2D or higher)

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

Further study options
Psychology Honours has been awarded Conditional Accreditation by the Australian Psychology Accreditation Council (APAC) as a fourth year of psychology study, and graduates are eligible for provisional registration with the Psychology Board of Australia.

*Accreditation information and status is correct at time of publication.
If you are creative, love science and want to work with people, Science Communication is an ideal major for you. Science communicators work to facilitate public engagement with research, inspire the next generation of scientists and advocate for science.

Science Communication provides you with experience in new media, written, oral and visual presentations, science performance and working with industry experts. You’ll develop a science communication portfolio, including writing, videos, podcasts, professional reports, presentations, exhibits, posters and websites.

This major must be taken with another Science major, providing you with scientific knowledge and highly marketable communication skills.

Course structure

**Level 1 Core units**
- Communicating Science
- Psychology: Behaviour in Context

**Level 2 Core units and option**
- Science Presentations
- Science Writing
**Plus one of the following:**
- Science Consultancy Project
- Science Work Placement

**Level 3 Core units**
- Journalism in Practice
- Exhibitions and Interpretation
- Science and the Media

Career opportunities

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

Further study options

As an honours student in Science Communication, you will consolidate your research skills by conducting an original, individual research project with supervision. You will receive training in research methodologies and writing as well completing a written thesis. There’s a variety of projects available using both qualitative and quantitative methods, working within the University with external partners such as the Perth Zoo or Scitech. An honours degree is valued by science communication employers who want evidence of critical thinking and research skills, particularly in roles that require program evaluation.
Do you want to work with elite athletes or the general public in the health and fitness sector? The Sport Science major prepares you thoroughly for a successful career in the sport and recreation industries.

You’ll gain the knowledge, skills and understanding needed in areas such as sport management and delivery, and in service delivery essential for athlete preparation and specialised fitness industries. The award-winning sport science practicum provides you with valuable workplace experience, enabling you to integrate theoretical concepts with professional practice and interact with other professionals. Placements are available in WA (at no cost) and overseas (at your expense).

Course structure
Level 1 Core units
- The Musculoskeletal System and Movement
- Applied Anatomy and Athletic Performance

Level 2 Core units
- Motor Learning and Control
- Biomechanics in Sport and Exercise
- Exercise Physiology

Level 3 Core units
- Biomechanical Principles
- Sport Physiology
- Professional Practice Part 1
- Professional Practice Part 2

Complementary units
Students nominating Sport Science as their degree-specific major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
- Human Biology I: Becoming Human
- Human Biology II: Being Human
- Mathematics Fundamentals (only for students who do not have ATAR Mathematics: Applications or WACE Mathematics 2C/2D)
- Physical Fitness and Health

Career opportunities
Sport Science graduates will have the choice of three distinct career paths. You could enter the broad sports promotion, management and marketing sector, or you might prefer a career in athlete preparation as an exercise scientist. The third pathway will see you move into graduate training in sport, recreation management, coaching, exercise rehabilitation, occupational safety and health or research.

study.uwa.edu.au/sport-science

PREREQUISITES: Mathematics Applications ATAR or an additional mathematics unit taken in the first year
RECOMMENDED: Mathematics Methods ATAR

This major is available via the Bachelor of Science or Bachelor of Philosophy (Honours)
Sport Science, Exercise and Health (double major)

study.uwa.edu.au/sport-science-exercise-health

PREREQUISITES: Mathematics Applications ATAR or an additional mathematics unit taken in the first year
RECOMMENDED: Mathematics Methods ATAR

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

ATAR 
80

DURATION 
3 YEARS 
FULL-TIME

LOCATION 
PERTH

You can complete the Bachelor of Science double major in Sport Science, Exercise and Health. This course provides a sound basis in sport and exercise science theory combined with practical, technical and communication skills.

Your options for graduate studies will be expanded, leading to higher qualifications in specialist accredited courses. If you choose this double major, you will be eligible to apply for professional accreditation as an exercise scientist with Exercise and Sports Science Australia (ESSA) within two years of completing your degree.

Through this degree, you’ll begin to understand the relationship between human structural, functional and behavioural characteristics and their application in the development of, and support for, athletes and coaches to achieve success in the sporting arena. You’ll also learn about the ability to develop, maintain and promote a fit and healthy lifestyle throughout the lifespan.

You’ll learn how to apply this knowledge in the assessment of physical, physiological and mechanical characteristics of sports performance, and the prescription of appropriate interventions to maintain athlete strengths and improve weaknesses. You’ll also learn how to apply this knowledge in the assessment of health indicators and the prescription of exercise for apparently healthy individuals.

Course structure
Level 1 Core units
• The Musculoskeletal System and Movement
• Applied Anatomy and Athletic Performance

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

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

And one of the following:
• Psychology of Sport
• Coaching Psychology

Complementary units
Students nominating Sport Science, Exercise and Health as their major in the Bachelor of Science or Bachelor of Philosophy (Honours) course must also study:
• Human Biology I: Becoming Human
• Human Biology II: Being Human
• Mathematics Fundamentals (only for students who do not have ATAR Mathematics:Applications or WACE Mathematics 2C/2D)
• Physical Fitness and Health

Career opportunities
Graduates will have the choice of three distinct career paths. You could enter the broad sports promotion, management and marketing sector, or you might prefer a career in athlete preparation as an exercise scientist. The third pathway will see you move into graduate training in sport, recreation management, coaching, exercise rehabilitation, occupational safety and health or research.

Further study options
Honours in Sport Science, Exercise and Health provides you with interdisciplinary research skills and advanced knowledge in a select subdiscipline area (exercise physiology/biochemistry, biomechanics, motor development, exercise and health psychology, or activity promotion).

The honours specialisation provides an ideal background for continuance to a PhD or other professional-based research degrees. You will gain a greater depth of knowledge in your area of specialisation, while also developing research skills. You will learn to plan, administer testing, analyse and present data both in written and oral formats, as well as prepare a written manuscript for peer-reviewed publications.
A postgraduate professional degree is a master’s or doctorate-level course taken upon completion of a bachelor’s degree (or equivalent) that qualifies you to enter a profession.

Pursuing one of our professional pathways will further your studies and increase your career opportunities in professional areas such as:

- **Audiology** – Master of Clinical Audiology or Master of Clinical Audiology/PhD (not available as a Direct Pathway)
- **Dentistry** – Doctor of Dental Medicine
- **Medicine** – Doctor of Medicine
- **Pharmacy** – Master of Pharmacy
- **Podiatry** – Doctor of Podiatric Medicine
- **Psychology** – Doctor of Philosophy and Master of Clinical Psychology/Doctor of Philosophy and Master of Clinical Neuropsychology

There are two pathways you can choose from:

**Direct Pathways**

If you already have a professional career in mind, our Direct Pathways combine your undergraduate and postgraduate degrees, providing you with a clearer direction to your career of choice.

Direct Pathways in Biomedical and Health Sciences include:

- Dental Medicine Minimum 99 ATAR, 96 ATAR (Broadway/Rural)
- Medicine Minimum 99 ATAR, 96 ATAR (Broadway/Rural)
- Pharmacy Minimum 94 ATAR
- Podiatry Minimum 94 ATAR
- Engineering (Biomedical) Minimum 92 ATAR

A Direct Pathway gives you an assured place in one of our postgraduate professional courses and, in some cases, reduces the length of your postgraduate course. Some Direct Pathways have additional entry requirements, such as the UCAT ANZ/domestic)/ISAT(international) for entry into medicine and dentistry.

Direct Pathways require a higher ATAR than our bachelor’s degrees in Arts, Biomedical Science, Commerce and Science. To study one of our Direct Pathways, you’ll need to meet the ATAR for the specific pathway and apply through TISC using its unique code. You will also need to continue to meet any ongoing requirements of the Direct Pathway for your course.

study.uwa.edu.au/direct-pathways

**Graduate pathways**

If you don’t meet the ATAR requirement for a Direct Pathway, you can still study in the same area using the graduate, or standard, pathway. This involves entering your flexible three-year undergraduate degree (ATAR of 80 required), achieving high grades, sitting the relevant tests and interview component, and then applying for your postgraduate degree during the last year of your bachelor’s degree.

study.uwa.edu.au/professional-pathways

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**Direct Pathway example (Dental Medicine)**

<table>
<thead>
<tr>
<th>ATAR</th>
<th>Years</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>99*</td>
<td>3 YRS</td>
<td>Undergraduate</td>
</tr>
<tr>
<td>3 YRS</td>
<td></td>
<td>Postgraduate</td>
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<td>Bachelor’s degree</td>
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<td>Doctor of Dental Medicine</td>
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</tbody>
</table>

**Graduate Pathway example (Dental Medicine)**

<table>
<thead>
<tr>
<th>ATAR</th>
<th>Years</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>3 YRS</td>
<td>Undergraduate</td>
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<tr>
<td>4 YRS</td>
<td></td>
<td>Postgraduate</td>
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<td></td>
<td></td>
<td>Bachelor’s degree</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Doctor of Dental Medicine</td>
</tr>
</tbody>
</table>

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1 students need to maintain a minimum grade point average of 5.5 during undergraduate degree

2 Three years if student has successfully completed the Medical Sciences major as part of a Direct Pathway to this course, otherwise four years.

3 Sit GAMSAT and apply for Doctor of Dental Medicine

4 96 ATAR for Broadway/Rural
UWA’s Master of Clinical Audiology course is one of only six accredited audiology courses in Australia.

Hosted by the University’s world-renowned Auditory Laboratory, the course offers you the chance to complete audiology research projects and work with highly trained staff with first-hand experience of the latest developments in hearing science. You will have access to the laboratory, which is one of Australia’s leading research institutions in auditory physiology and has established a worldwide reputation for excellence in teaching and research.

Admission requirements
A bachelor’s degree, or equivalent qualification as recognised by UWA and the equivalent of a UWA weighted average mark of at least 65 per cent, taken from the most recent degree of at least one year full-time duration. You must also submit a personal statement as part of the ranking and selection process.

You must also obtain a current National Police Certificate, National Criminal History Check or equivalent certification from country of residence, indicating no criminal conviction.

Course structure
Core units
- Audiological Instrumentation
- Basic Clinical Audiology Part 1
- Physiology of the Auditory System
- Pathophysiology of the Auditory and Vestibular Systems
- Basic Clinical Audiology Part 2
- Speech, Language and Communication
- Evoked Responses in Clinical Diagnosis
- Hearing Devices and Adult Aural Rehabilitation
- Advanced Hearing Aids and Rehabilitation Part 1
- Advanced Clinical Audiology Part 2
- Community and Workplace Audiology
- Audiology Practice Management
- Audiology Research Project Part 2
- Advanced Clinical Audiology Part 1
- Audiology Research Project Part 1
- Advanced Hearing Aids and Rehabilitation Part 2

Note: The Master of Clinical Audiology is run on even-numbered years only.

Career opportunities
You could work in a hospital, community health centre, hearing aid and cochlear implant rehabilitation clinic, educational support setting or a private practice as an audiologist.

Accreditation
This course is accredited by Audiology Australia as master’s level audiology program. Students have to pass all the requirements of the course including clinical competencies in order to be eligible for membership. Graduates have acquired the necessary core knowledge and competencies, including clinical competencies, to apply for admission to membership of Audiology Australia and, upon gaining membership, to the Clinical Internship program and subsequently on satisfactory completion of the Internship program to be awarded the Certificate of Clinical Practice (CCP).

study.uwa.edu.au/m/clin-audiology

Students can choose to complete the Doctor of Philosophy and Master of Clinical Audiology course – see page 58.
Under the guidance of our professional body Exercise and Sports Science Australia (ESSA), Accredited Exercise Physiologists (AEPs) have gained national recognition as allied health professionals with the knowledge and experience to prescribe exercise for people with chronic and complex medical conditions. This master’s course will develop your knowledge and skills in preparation for work in the allied health industry, and is designed to provide a holistic understanding of the use of exercise as a modality in treatment across multiple health domains including musculoskeletal, cardiovascular, metabolic, neurological, mental health, paediatrics, and other chronic and complex conditions.

Admission requirements
To be considered for admission to this course you must have:

- a relevant bachelor’s degree, or an equivalent qualification, as recognised by UWA;
- the equivalent of a UWA weighted average mark (WAM) of at least 60 per cent.

Applicants must also apply to ESSA for a Graduate Entry Assessment within the first semester of study. This will help guide the final selection of electives. You must also demonstrate a minimum level of English Language competence. IELTS (Academic) requires an overall score of at least 7.0 and no band less than 7.0. See study.uwa.edu.au/elc.

Course structure
Core subjects
- Exercise and Health Psychology
- Cardiac Rehabilitation
- Workplace Injury Prevention and Management
- Exercise Rehabilitation for Chronic and Complex Conditions
- Musculoskeletal Rehabilitation
- Paediatric Exercise Rehabilitation
- Industry Practicum I
- Industry Practicum II

Choose four units from the following:
- Physical Development, Movement and Health
- Good, Bogus and Corrupted Science
- Research Methods
- Data Analysis
- Advanced Biomechanical Methods
- Advanced Exercise Physiology
- Advanced Concepts in Motor Control and Learning
- Advanced Psychology of Sport
- Health Education
- Health Promotion in the Schools
- Sport and Recreation Marketing
- Sport and Recreation Management
- Work Site Health Promotion

Students in coursework and dissertation take:
- Literature Review and Research Proposal
- Sport Science Exercise and Health Research Project Part 1
- Sport Science Exercise and Health Research Project Part 2
- Sport Science Exercise and Health Research Project Part 3

Career opportunities
The master’s course will prepare you for work in the following areas:
- Clinical practice – rehabilitation practitioner within the private sector or hospital clinics.
- Corporate – company in-house rehabilitation specialist or injury management coordinator.
- Government – case manager, insurance commission.

Accreditation
The Master of Clinical Exercise Physiology is a National University Course Accreditation Program (NUCAP) accredited course. Graduates may apply to Exercise and Sports Science Australia (ESSA) within two years of completing the course for credentialling as an Accredited Exercise Physiologist (AEP).

study.uwa.edu.au/m/clinicalexercise-physiology
The Master of Clinical Pathology will extend the participant’s undergraduate learning in the biomedical sciences with a focus on the knowledge and technical skillset required for research or employment in the diagnostic and research environments of clinical pathology.

The first half of the course will focus on the six major disciplines of clinical pathology (biochemistry, haematology and transfusion science, immunology, anatomical pathology, genetics and microbiology) as well as key elements of professional practice (communication skills, OH&S, quality control, ethics, regulatory/legislative frameworks). The second year of the course will provide you with advanced training in two or three of the core pathology disciplines including relevant laboratory experience.

Delivered by both university academics and industry specialists, training in each of the clinical disciplines of pathology will incorporate key disciplinary skills as well as an awareness of emerging technologies and their clinical (and broader) applicability. You will receive specific training in scientific communication including the formation of hypotheses through critical evaluation of the literature, observation and logical reasoning.

**Admission requirements**
A relevant bachelor’s degree or an equivalent qualification, as recognised by UWA; and (b) the equivalent of a UWA weighted average mark of 65 per cent in the Level 3 units of a relevant major.

**Course structure**
The course consists of units to a total value of 96 points which must include course core units and specialisation units. The course comprises the following specialisations:
- Anatomical Pathology
- Clinical Biochemistry
- Clinical Immunology
- Clinical Microbiology
- Haematology
- Molecular Pathology

**Year 1**
- PATH5121 Clinical Biochemistry
- PATH5131 Anatomical Pathology
- PATH5141 Clinical Immunology
- PATH5151 Molecular Pathology
- PATH5161 Laboratory Haematology
- MICR5829 Foundations of Infectious Diseases
- PATH5511 Clinical Laboratory Skills 1
- PATH5514 Clinical Laboratory Skills 2

**Year 2**
**Coursework only**
- PUBH4403 Epidemiology I
- PUBH4401 Biostatistics I
- Any three discipline-specific pairs of Advanced and Practicum Units

**Coursework and dissertation**
- PATH5113 Research Project Proposal
- PATH5114 Research Communication
- PATH5115 Research Project Part 1
- PATH5116 Research Project Part 2
- Any two discipline-specific pairs of Advanced and Practicum Units
On completion of this course graduates will:

- have developed a detailed knowledge of pathobiology
- have developed an advanced understanding of the scientific basis and diagnostic value of individual clinical tests
- have acquired a knowledge of statistical tools for the assessment of the value and reliability of clinical tests
- have developed understanding and proficiency in the use of advanced clinical laboratory processes and techniques
- understand the theoretical bases of clinical science and their application in the accredited laboratory setting
- have expertise in the sophisticated computing and laboratory information systems to operate within a highly automated environment of complex instrumentation
- be able to critically evaluate scientific literature
- be able to develop and implement applied research projects appropriate for the clinical laboratory setting
- be able to present findings of laboratory practice and research projects to peers and colleagues
- be able to prepare reports and other communications suitable for publication in peer-reviewed biomedical literature

Career opportunities
Completion of this course will strengthen your qualifications in numerous biomedical fields which don’t require a medical degree.

Accreditation
This course has been developed in accordance with the Australian Institute of Medical Scientists (AIMS) guidelines for postgraduate courses and meets the requirements for accreditation for both AIMS and the Institute of Biomedical Science (IBMS) United Kingdom. The University is in the process of accrediting the course with both institutions.
Home to WA’s only tertiary dental school, UWA has trained future dentists for more than 70 years. Taught by dedicated staff in state-of-the-art facilities, Doctor of Dental Medicine (DMD) students are trained for full registration in the dental profession as general dental practitioners.

You’ll be based at the Oral Health Centre of Western Australia, a high-tech dental teaching hospital and learning facility at the UWA Health Campus. You will learn by treating patients under close supervision by highly experienced and skilled tutors, and by observing general and specialist dentists treating a wide range of dental conditions. Successful graduates will be able to register with the Dental Board of Australia as a dentist and enter the profession immediately.

You’ll start your Dental studies with a comprehensive view of the human body anatomy and physiology, preparing you for following years. In your second year you’ll actively engage in a research project along with units designed to improve your hand skills, diagnostics, critical thinking and personal and professional development. In your third year, you’ll undertake quasi-independent but supervised practice that continues on to your fourth and final year. In fourth year you will experience different practice scenarios, which take place inside and outside the School with compulsory rural and metropolitan placements with Dental Health Services.

The school is equipped with a state-of-the-art digital radiology suite. The centralised production lab is fully equipped with Computer Aided Design (CAD)/Computer Aided Manufacturing (CAM) facilities and dedicated high-spec computers in a Virtual Learning Centre (VLC) for students to undertake CAD/CAM design. The VLC has fully functional digital radiology and virtual microscopy facilities.

Admission requirements
To be considered for admission to this course, an applicant must have:

1. a bachelor’s degree, or an equivalent qualification, as recognised by UWA; and
2. the equivalent of a UWA grade point average (GPA) of at least 5.5; and
3. (a) a Graduate Medical School Admissions Test (GAMSAT) overall score of at least 50 and no section score less than 50 for domestic applicants; or
(b) a Medical College Admission Test (MCAT) score of 123/123/123/123 for international applicants only; or
(c) a Dental Aptitude Test (DAT) international applicants only; or
(d) a place in a Direct Pathway into this course.

Career opportunities
Following completion of this course, graduates will be able to register with the Dental Board of Australia as a dentist and enter the profession immediately. Students may pursue careers in private or public practice.

Further study options
Further postgraduate study options include:

• Graduate Diploma in Dental Public and Primary Health
• Graduate Diploma in Forensic Odontology
• Master of Dental Public and Primary Health
• Doctor of Clinical Dentistry
• Doctor of Philosophy (PhD)

The UWA Dental School is committed to providing quality professional development and research opportunities for graduates and is pleased to partner with the Australian Dental Association (WA Branch) as part of the WA Dental CPD Committee.

study.uwa.edu.au/d/dental-medicine

*Three years if student has successfully completed the Medical Sciences major as part of a Direct Pathway to this course.
“The patient interaction is one of the many highlights of the Doctor of Dental Medicine course. Having clinical time at the Oral Health Centre of WA allows us to treat patients with a range of medical and dental conditions, while developing our communication, treatment planning, problem solving and technical skills to the benefit of their oral health.

The cohort experience is also truly invaluable, as the camaraderie and support of dental students, both in my year and in others, brightens every day and really helps each and every one of us to face the challenges of the course.

We are extremely lucky to have access to the cutting-edge digital technologies that have recently arrived at the School, including 3D scanning and facilities for the computer-aided design and manufacture of restorations for our patients.”

Emma Turner
Doctor of Dental Medicine
The UWA Doctor of Medicine (MD) aims to produce graduates committed to the wellbeing of the patient, community and society as responsible, accountable, scholarly, capable and caring doctors.

The future doctor will need to fulfil a number of roles including that of a professional, leader, advocate, clinician, educator and scholar, and these key roles form the themes around which the UWA MD curriculum is structured. This course prepares graduates with the professional attributes required for successful internships, and graduates are able to be registered for professional practice as a doctor.

In the first year, you’ll gain necessary background knowledge in biomedical sciences. In years two and three, students have clinical attachments in the wards and clinics of the hospitals of Perth, general practices or other community settings. Many students spend their third year learning in a UWA Rural Clinical School. You may also pursue opportunities for depth of study in areas of your interest through electives and scholarly activity.

The final year continues the clinical attachments and completion of a scholarly activity and concludes with a Preparation for Internship block to ensure graduates are ready for work as interns.

**Admission requirements**

To be considered for admission to this course, an applicant must have:

1. a bachelor’s degree, or an equivalent qualification, as recognised by UWA; and
2. the equivalent of a UWA grade point average (GPA) of at least 5.5; and
3. (a) a Graduate Medical School Admissions Test (GAMSAT) overall score of at least 55 and no section score less than 50 for domestic applicants; or
   (b) a Medical College Admission Test (MCAT) score of at least 8/8/8 prior to April 2015, or 123/123/123/123 after April 2015 for international applicants only; or
4. (c) a place in a Direct Pathway into this course.

**Further study options**

Following graduation from the MD, further studies can be undertaken with a professional college for specialisation in a medical discipline.

Graduates can also enrol in academic courses including but not limited to:

- Graduate Certificate in Health Professions Education
- Graduate Diploma in Health Professions Education
- Master of Health Professions Education
- Graduate Diploma in Infectious Diseases
- Master of Infectious Diseases
- Graduate Certificate in Rural and Remote Medicine
- Doctor of Philosophy

**Career opportunities**

For registration as a medical practitioner in Australia, all graduates are required to complete a 12-month pre-registration internship in an approved clinical setting. 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. International graduates may also undertake internship in their home country. Other career opportunities include:

- Physician
- General Practitioner
- Paediatrician
- Surgeon
- Psychiatrist
“UWA offers one of the best Doctor of Medicine degrees in Australia in my opinion. The early placements within the health system and the focus on independent learning and research prepare you for when you graduate and enter the field. I wanted to study medicine because I knew it would be a challenging but rewarding career for me.

The world-class facilities available to students have really enhanced my learning during the course. The Clinical Training and Evaluation Centre is one of my highlights. It provides us with medical and surgical skills training, and interactions with leaders in various medical subspecialties.

One of the most enjoyable aspects of the course is the clinical rotations in hospitals with unique opportunities to learn and develop our clinical skills, as well as being organised and effective communication in the workplace under the guidance of senior doctors.”

Yogesh Jeelall
Doctor of Medicine
Medical physicists are closely involved in the commissioning, calibration, safe operation and maintenance of medical systems that help diagnose and treat thousands of people every year.

The Master of Physics (Medical Physics) course is intended to give students with physics and engineering backgrounds the relevant knowledge and problem solving skills suitable for entry into The Australasian College of Physical Scientists and Engineers in Medicine (ACPSEM) Training, Education and Accreditation Program (TEAP) in radiation oncology, radiology and nuclear medicine.

A series of coursework units will provide students with relevant background knowledge in topics such as human biology, radiation physics and dosimetry, radiobiology and radiation protection, radiotherapy physics and medical imaging (e.g. CT, MRI).

Admission requirements
A bachelor’s degree with a major in Physics, or an equivalent qualification, as recognised by UWA, and the equivalent of a UWA weighted average mark of at least 65 per cent, or an honours degree in Physics, or an equivalent qualification, as recognised by UWA.

Course Structure
Take all units:
- Human Biology for Medical Physicists
- Physics Research Project Development
- Physics Research Presentation
- Radiotherapy Physics
- Master’s Dissertation – Medical Physics Part 1
- Master’s Dissertation – Medical Physics Part 2
- Master’s Dissertation – Medical Physics Part 3
- Master’s Dissertation – Medical Physics Part 4

Take four units from the list below:
- Computer Vision
- Numerical Methods and Modelling
- Risk, Reliability and Safety
- Exploration Seismology
- Advanced Mathematics 1
- Advanced Mathematics 2
- Measurement and Noise
- Special Topics in Theoretical Physics
- Special Topics in Experimental Physics
- Special Topics in Physics I
- Special Topics in Physics III
- Special Topics in Astrophysics
- Advanced Topics in Theoretical Physics
- Medical Imaging Physics
- Radiation Biology and Protection
- Radiation Physics and Dosimetry
- Advanced Topics in Astrophysics
- Biostatistics I
- Biostatistics II
- The Conduct, Ethics and Communication of Science
- Principles of Scientific Computation
- High Performance Computing

Career opportunities
Employment as a Medical Physicist is often in hospitals, research centres or universities, with opportunities for on the job training, technical development, involvement in clinical healthcare as well as in further research and development. There is a great variety of work within this field both clinically and technically, whilst interacting with multidisciplinary teams of medical specialists.

Accreditation
This course is accredited by The Australasian College of Physical Scientists and Engineers in Medicine, (ACPSEM). Completion of this course does not guarantee eligibility or admission to the ACPSEM Training, Education and Accreditation Program (TEAP).

study.uwa.edu.au/master-of-physics
“My favourite aspect of the course was the practical element. I had lectures as well as the opportunity to attend observer placements in several different hospitals and clinics around Perth, often seeing the machines we had just learned about in theory.”

Joshua Hiatt
The Doctor of Podiatric Medicine (DPM) is an exciting course designed to produce highly trained and competent podiatrists who are prepared to enter clinical practice as primary contact healthcare practitioners in the diagnosis and treatment of conditions affecting the foot and ankle.

Most podiatrists work in general practice and see an interesting and wide range of patients with foot and leg problems, often associated with other medical conditions. Many podiatrists develop expertise in a specific area of podiatry, such as sports injuries, podiatric biomechanics or management of the high risk foot.

A variety of teaching methods are used in the DPM, including lectures, tutorials, simulation and directed self-learning, case-based and problem based learning and practical training in its own clinic and on external placement, including in rural WA. All elements are designed to emphasise patient-focused practice. Clinical practice begins in the second year and increases in third year.

Admission requirements
To be considered for admission to this course, an applicant must have:
(a) a bachelor’s degree, or an equivalent qualification, as recognised by UWA; and
(b) the equivalent of a UWA grade point average of at least 5.0; and
(c) (i) a Graduate Medical School Admissions Test (GAMSAT) overall score of at least 50 with no section scoring less than 50 for domestic applicants; or
(ii) a Medical College Admission Test score of at least 123/123/123/123 for international applicants; or
(iii) completed a human biology, animal biology, physiology, pharmacology, genetics or microbiology unit at a tertiary level, and completed a chemistry or biological chemistry unit at a tertiary level.

Career opportunities
DPM graduates will be eligible for registration as general podiatrists in Australia, New Zealand, the United Kingdom, Hong Kong, Singapore and parts of Canada.

Further study
Following at least 1 year of podiatry practice, DPM graduates can apply to study Podiatric Surgery at UWA in the full- or part-time Doctor of Podiatric Surgery course. Selected graduates may also go on to study for a Doctor of Philosophy (PhD) at UWA.

Doctor of Podiatric Surgery
To be considered for admission to this course, an applicant must have:
(a) the Doctor of Podiatric Medicine from this University, or equivalent as recognised by the Faculty; and
(b) at least one year of relevant professional experience.

• This course provides theoretical and clinical knowledge in podiatric surgery beyond the Bachelor of Podiatric Medicine.
• Topics include biostatistics, research methodology, advanced podiatric medicine, theoretical and practical aspects of elective foot surgery and/or management of the high-risk foot, and patient-oriented research, including ethics and communication of research, resulting in a dissertation.
• Graduates are eligible for registration with the Podiatry Board of Australia as a podiatric surgeon.

* Two years if student has successfully completed the Medical Sciences major as part of a Direct Pathway to this course.

study.uwa.edu.au/d/podiatricmedicine
“During my undergraduate degree at UWA I decided to continue on with postgraduate study, choosing a Doctor of Podiatric Medicine, knowing the facilities and the opportunities that are presented to students. Podiatry provides a comprehensive scope of practice in a specialised area of foot and ankle conditions, including paediatrics, sports medicine, diabetic care, minor surgical procedures and more.

One of the enjoyable aspects of studying Podiatric Medicine is how the student cohort and staff become a tight-knit community within the Podiatric Clinic, where the students spend a lot of their time. The professors, tutors and lecturers are approachable and supportive while providing guidance in a clinical setting.

Throughout my time at UWA I have made lasting friendships which will be invaluable in years to come and I have also surpassed my personal academic expectations. After I graduate, I am excited for the prospects of a life-long career in podiatry and eventually owning my own practice knowing UWA has prepared me with the expertise and knowledge to do so.”

Evan Papadopoulos
Doctor of Podiatric Medicine
This course provides advanced study in the areas of pharmacy practice, clinical pharmacy, pharmaceutics, medicinal chemistry, pharmacotherapy and health systems, and includes practical training in community and hospital pharmacy.

Our program differs in many respects from others; most notable is our small yearly intake of about 50 students who are selected from a large pool of applicants each year. This fosters an excellent learning culture and our students complete their work in small groups with readily available access to academic and professional staff, plus a superior level of peer support.

Students benefit from one-to-one interaction with academic and professional staff, particularly in the area of pharmacy practice, which greatly enhances our students’ professional interpersonal skills.

We’re also in a fortunate position to offer every student the opportunity of workplace-based training, not only in the community but in a number of major hospitals and aged care facilities. This provides students with insight into various career pathways and exposes them to the diverse range of healthcare in our society (primary, acute, women, children and aged care). For eligible students we offer alternative placements in rural Australia and international locations.

Admission requirements
To be considered for admission to this course, an applicant must have:
(a) a bachelor’s degree or an equivalent qualification, as recognised by UWA; and
(b) the equivalent of a UWA grade point average (GPA) of at least 5.0; and
(c) demonstrated adequate knowledge of each of the following: chemistry (at Year 12 or tertiary level), mathematics (Year 12 or tertiary level mathematics or statistics), microbiology (at tertiary level) and pharmacology (at tertiary level);
(d) a current Australian National Police Certificate, or equivalent certification, indicating no criminal conviction. Currency of a National Police Certificate is 12 months.

Course structure
Core units
Year 1
• Introduction to Pharmacy Practice
• Foundations of Primary Care
• Professional Work Experience
• Pharmacy Placement I
• Integrated Pharmacology, Therapeutics and Pharmacy Practice 1
• Physical Pharmacy and Biopharmaceutics
• Pharmaceutical Chemistry and Analysis
• Medicinal Product Formulation
• Medicinal Chemistry
• Antimicrobial Agents
• Leadership and Management for Health Services

Year 2
• Integrated Pharmacology, Therapeutics and Pharmacy Practice 2
• Integrated Pharmacology, Therapeutics and Pharmacy Practice 3
• Pharmacy Placement II
• Applied Pharmacotherapy
• Fundamentals of Research in Pharmacy
• Pharmacy Research Project
• Management and Economics in Pharmacy

Career opportunities
Your career as a pharmacist may be focused in community pharmacy where members of the community rely on your professional judgement for health and medicines advice. Pharmacists are trusted to make a plan of action for primary healthcare enquiries, which may involve treatment or referral to another health practitioner.

You may choose to work in hospital pharmacy where you are the medicines expert in a multidisciplinary team taking care of patients. There are many career avenues in hospital pharmacy such as ward or clinical pharmacist, drug information pharmacist, or you may specialise in areas such as oncology or work in clinical trials.

There are also opportunities as consultant pharmacists working with general practitioners to ensure the optimum use of medicines in complex and vulnerable patients. There are many other career paths for pharmacists such as in research, academia and governance.
“Choosing to study a Master of Pharmacy at UWA was easy as I had enjoyed my learning experience at UWA throughout my undergraduate studies. I decided to pursue pharmacy because I wanted to combine my passion for helping people, healthcare and science into a career that would allow me to do this on a daily basis. The best part about the course is the support the lecturers and staff provide. Being a relatively small cohort, you become quite close with the other students, which also provides a great support system through your studies. UWA is a great place to study. There is always something to get involved with, no matter what your interests are. I have enjoyed and benefited from being involved with the Master of Pharmacy Society as well as being a student ambassador to represent the University.”

Janesha Rangi
Master of Pharmacy
Doctor of Philosophy and Master of Clinical Neuropsychology

This course combines the Master of Clinical Neuropsychology and PhD training across a four-year period.

It produces psychologists who have the necessary academic and practical foundation, skills and experience to develop into competent clinicians grounded in the scientist-practitioner tradition. Such clinicians should be skilled at developing therapeutic relationships with their clients and be capable to work productively and to the benefit of a wide range of clients across a broad variety of settings.

You will complete the course with a strong knowledge of neuropsychology including:

- relevant psychological theories and models
- published empirical findings supporting theories (especially those that underpin the major forms of psychological intervention) and the methods employed to establish them
- the major methods of psychological investigation and techniques of measurement and their application and interpretation
- design and implementation of psychological interventions
- legal and professional matters
- psychological assessment and measurement
- intervention strategies
- research and evaluation, and
- communication and interpersonal relationships.

Admission requirements
To be considered for admission to this course, you must have:

- an accredited bachelor’s degree with honours in psychology with upper second class honours (2A), or an equivalent qualification, as recognised by UWA.

You must be eligible for provisional registration as a psychologist with the Psychology Board of Australia, which includes meeting the Board’s English language registration standard, and applicants must have secured a PhD supervisor from the School of Psychological Science at the time of submitting their application.

Course structure
Take all units:

- Applied Research Methods
- Assessment and Intervention – Adult Complex Disorders
- Child and Adolescent Clinical Psychology and Neuropsychology
- Neuropsychology 1
- Neuropsychology 2
- Neuropsychology Placement I
- Human Neuroanatomy and Neuropsychology
- Foundations in Clinical Skills I
- Foundations in Clinical Skills II
- Assessment and Intervention – Emotional Disorders
- Placement I
- Placement II

Career opportunities
This course will prepare you for opportunities in research and academic settings, as well as clinical work as a neuropsychologist. Possible career outcomes include working as a psychology academic, professional psychologist or clinical neuropsychologist, among others.

Accreditation
The Doctor of Philosophy and Master of Clinical Neuropsychology has been awarded Conditional Accreditation by the Australian Psychology Accreditation Council (APAC) and graduates are eligible to register with the Psychology Board of Australia and practise as a psychologist with an area of practice endorsement in clinical neuropsychology.

study.uwa.edu.au/c/clin-neuropsych
The University of Western Australia | study.uwa.edu.au

Biomedical and Health Sciences 2019 Course Guide

Doctor of Philosophy and Master of Clinical Psychology

This course combines the Master of Clinical Psychology and PhD training across a four-year period.

It is intended for students who are motivated to become future leaders in the field of clinical psychology by developing and combining high-level skills in clinical practice and research. It will enable you to engage effectively in professional practice and significantly advance the discipline in research.

You will gain the knowledge and skills allowing you to practise psychology safely and independently upon registration. You will demonstrate the application of knowledge and skills to:

- administer and interpret a wide range of psychological tests and assessment instruments
- apply a range of evidence-based interventions
- apply sound practice principles concerning the therapeutic relationship
- liaise and work effectively with other mental health and allied health professionals in a range of organisational contexts; and
- work in ethically appropriate ways in your psychological practice in accordance with the requirements of the profession

Admission requirements
To be considered for admission to this course, an applicant must have:

- an accredited bachelor’s degree with honours in psychology with upper second class honours (2A), or an equivalent qualification, as recognised by UWA.

You must be eligible for provisional registration as a psychologist with the Psychology Board of Australia, which includes meeting the Board’s English language registration standard, and applicants must have secured a PhD supervisor from the School of Psychological Science at the time of submitting their application.

Course structure
Take all units:

- Applied Research Methods
- Assessment and Intervention – Adult Complex Disorders
- Clinical Psychology and Health
- External Practicum (PSYC5663)
- External Practicum (PSYC5664)
- Foundations in Clinical Skills I
- Foundations in Clinical Skills II
- Assessment and Intervention – Childhood Disorders
- Assessment and Intervention – Emotional Disorders
- Practicum I
- Practicum II
- Special Topics in Clinical Psychology

Career opportunities
This course is designed for those who would like to make a difference in the psychological practice through research. Possible career outcomes include working as a psychology academic, professional psychologist, health diagnostic and promotional professional, health promotion officer, or health researcher, among others.

Accreditation
The Doctor of Philosophy and Master of Clinical Psychology has been awarded Conditional Accreditation by the Australian Psychology Accreditation Council (APAC) and graduates are eligible to register with the Psychology Board of Australia and practise as a psychologist with an area of practice endorsement in clinical psychology.

study.uwa.edu.au/c/clin-psych
Biomedical engineering takes engineering design and principles and applies them to medicine and biology for healthcare purposes.

Biomedical Engineering provides students with the core theories, methods and practices to work at the forefront of this exciting, multidisciplinary field.

Choose a three-year bachelor’s degree with a major in Engineering Science to begin your professional pathway. You will then complete the Biomedical specialisation in a two-year Master of Professional Engineering.

Gain practical skills through research-led teaching and explore UWA’s Vascular Engineering Lab (VASCLab) and Bioimaging Research and Innovation for Translational Engineering (BRITELAB).

The course is taught by researchers such as Dr Brendan Kennedy and Dr Barry Doyle who work on cutting-edge technologies such as 3D bioprinting, microscope-in-a-needle and optical coherence micro-elastography (OCME).

Admission requirements
To be considered for admission to this course an applicant must have:
(a) a bachelor’s degree with a major in Engineering Science, or an equivalent qualification, as recognised by UWA; or
(b) a bachelor’s degree, or an equivalent qualification, as recognised by UWA; and
(i) the equivalent of a UWA weighted average mark of at least 65 per cent; and
(ii) prior studies in engineering, physics or mathematics; or
(c) completed units in the Master of Professional Engineering Preliminary course at UWA as prescribed by the Faculty; or
(d) completed a UWA Diploma in Science with a major in Engineering Science with an average of at least 60 per cent.

Course details
Core units
- Biomedical Instrumentation
- Cardiovascular Biomechanics
- Measurement and Noise
- Materials Characterisation for Bioengineering Applications
- Project Management and Engineering Practice
- Biomaterials
- Advanced Topics in Biomedical Engineering
- Medical Imaging Physics
- Advanced Biomedical Methods
- Biomedical Engineering Design Project 1
- Biomedical Engineering Design Project 2
- Engineering Research Project 1
- Engineering Research Project 2
- Risk, Reliability and Safety

Optional units
- Collecting, Analysing and Interpreting Big Data in Biology
- Bioinformatics and Data Analysis for Biomedical Engineering Design

Career opportunities
Biomedical engineers develop new medical devices; study the electrical and/or mechanical activity of organs such as the brain, heart, muscle and bone; create implants to replace lost function; and grow living tissues to replace failing organs.

Employment opportunities exist in the biotechnology, biomedical, pharmaceutical, medical device and equipment industries, in research and innovation, in health services and hospitals, and in government and consulting.

1 Students who commenced Engineering Science from 2015 and who are not in the Direct Pathway are required to achieve a UWA weighted average mark of at least 60 per cent in their bachelor’s degree.

Further information at study.uwa.edu.au/mpe
Master of Social Work

This course prepares beginning social work practitioners for employment in local, State and international human services agencies.

The Master of Social Work (coursework or coursework and dissertation) is accredited by the Australian Association of Social Workers (AASW) and is regarded as a qualifying master’s course.

Admission requirements
• To be considered for admission to this course, an applicant must have a bachelor’s degree with the equivalent of a UWA WAM of at least 60*

* Admission requirements under review

Course structure
Core units
• Social Work Knowledges, Theory and Value
• Indigenous People and Social Work
• Field Education 1: First Placement
• Social Work in Health and Human Services Contexts Part 1
• Social Work in Health and Human Services Contexts Part 2
• Field Education 2: Final Placement
• Introduction to Psychosocial Theory
• Introduction to Social Work Methods
• Counselling and Ethics

Option Group A*
• Policy and Community
• Research Methods
• Organisational Practice and Law
• Social Work and Mental Health Practice

Option Group B*
• Dissertation
• Research Methods
• Organisational Practice, Law and Research

* Students either take all the units from option A or all of the units from option B, depending on if they are following the coursework only or coursework and dissertation pathway.

Career opportunities
Social workers liaise with individuals, families, groups, organisations and communities to create positive outcomes and to empower marginalised or disenfranchised members of society. They promote change at individual, family, community and policy levels.

study.uwa.edu.au/m/social-work
Postgraduate courses in biomedical and health sciences

In addition to professional courses, we also offer a range of other postgraduate courses in biomedical and health sciences. These courses provide training and research opportunities in a range of scientific and clinical disciplines to significantly benefit the health of Australian and international communities.

Coursework degrees
Our postgraduate coursework degrees help you develop a thorough understanding of an area of study, diversify your educational background or obtain specific vocational learning.

Coursework degrees include:
• Graduate certificates
• Graduate diplomas
• Master’s by coursework
• Master’s by coursework and dissertation
• Clinical doctorates

Benefits of undertaking a coursework degree:
• Gain specialised knowledge for further professional development and career progression.
• Learn from and work with the best in the country, including researchers of international standing and multiple award-winners.

Explore our range of postgraduate courses:
study.uwa.edu.au/postgraduate

Research degrees
A postgraduate research course provides you with a unique opportunity to follow your interest in an area of research.

Research-orientated courses encourage the lifelong adaptation and assessment of new theories, treatments and diagnostic techniques that incorporate a holistic approach to the Biomedical and Health Sciences.

These involve a project of supervised but independent enquiry at an advanced level, resulting in the submission of a research thesis (or equivalent) which is examined by experts in the field.

Research degrees include:
• Professional doctorates
• Master’s by thesis and coursework
• Master’s by research
• Master of Philosophy (MPhil)
• Doctor of Philosophy (PhD)

Benefits of undertaking a graduate research degree:
• The continued challenge and enjoyment of independent research is personally rewarding.
• As a research student, you will benefit from the knowledge and expertise of our world-class staff, with networking opportunities that can lead to career possibilities around the world.
• Graduates experience a high rate of success in employment because the transferable skills required for success in their research degree are the same skills in high demand by employers.
• Gaining a research degree indicates to a prospective employer you have excellent project and personal management skills and shows you can think independently and critically, solve problems and communicate effectively.
Master of Aboriginal Health
study.uwa.edu.au/m/aboriginal-health

UWA course code: 00690
Duration: 2 years
Intake period: February
Mode of study: thesis and coursework
Fee type: RTP

COURSE DESCRIPTION
This course is designed to provide health professionals, human services and policy practitioners with the opportunity to research current issues relating to Aboriginal health, access to care, service delivery and policy implementation. A focus of the course will be Aboriginal knowledge systems and research methods and methodology, qualitative and quantitative research methods and methodology, ethics, community participation and translation.

Requirements
(a) a bachelor’s degree in a health-related discipline from this University, or equivalent as recognised by the Faculty, or
(b) a level of prior professional health-related experience which, in the opinion of the Faculty, would enable the applicant to complete the course.

Graduate Certificate in Autism Diagnosis
study.uwa.edu.au/gc/austism-diagnosis

UWA course code: 70230
Duration: 0.5 years
Intake period: February
Mode of study: coursework
Fee type: postgraduate fee-paying

COURSE DESCRIPTION
This course provides graduates trained in psychology, speech pathology, occupational therapy, paediatrics or psychiatry with the specialist knowledge and clinical skills required to participate in team-based diagnosis of Autism Spectrum Disorder (ASD). Two coursework units will provide in-depth knowledge of ASD concerning characteristics across the lifespan, common comorbidities, current theoretical accounts and issues, DSM and ICD diagnostic criteria, differential diagnosis, assessment tools and multidisciplinary team assessment. One practical unit will provide training in the Autism Diagnostic Observation Schedule and another will provide graded placement experiences leading up to the trainee conducting a discipline-specific component of a diagnostic assessment.

Requirements
(1) To be considered for admission to this course an applicant must have:
(a) (i) a bachelor’s degree in speech pathology, medicine, or an equivalent qualification, as recognised by UWA;
(ii) an accredited bachelor’s honours degree in psychology, or an equivalent qualification, as recognised by UWA; and
(b) evidence of having at least three months of full-time equivalent experience working directly with children or adolescents, as recognised by UWA; and
(c) a satisfactory personal statement, as recognised by UWA; and
(d) two satisfactory referees, as recognised by UWA; and
(e) a curriculum vitae summarising relevant occupational and practical experience, as recognised by UWA.

(2) Invitation to attend an interview will be based on assessment of (1) (a), (b), (c), (d), and (e), in alignment with the interview quota for the year.
(3) Eligible applicants who are interviewed will be assessed based on the personal qualities considered desirable by the selection panel.
(4) Admission will be awarded to the highest ranked applicants under (1) and (3) who fall within the intake quota for that year.

Master of Biological Arts
study.uwa.edu.au/m/biological-arts

UWA course code: 71530
Duration: 1.5–2 years
Intake period: February, July
Mode of study: coursework and dissertation
Fee type: postgraduate fee-paying

COURSE DESCRIPTION
Explore the artistic elements of science in this unique course that brings together the two distinct disciplines of art and science.

The course is designed for experienced art practitioners, scientists or humanities scholars to explore creative bioresearch, and focuses on recent advances in the life sciences, both in theory and practice. Emphasis is placed on critical thought, ethical and cultural issues, and cross-disciplinary experimentation in art and science.

You will have access to scientific laboratories and will take both art and science units that include a major project and dissertation.

Requirements
To be considered for admission to this course, an applicant must have a bachelor’s degree in science, arts or fine arts, or an equivalent qualification, as recognised by UWA.

Master of Biomedical Science
study.uwa.edu.au/m/biomedical-sci

UWA course code: 71520
Duration: 1.5–2 years
Intake period: February, July
Mode of study: coursework or coursework and dissertation
Fee type: postgraduate fee-paying

COURSE DESCRIPTION
Develop your knowledge of biological, medical and health-related disciplines that underpin advances crucial to human health and wellbeing.

You will expand your knowledge of biomedical science by learning our evolutionary history and the cause and treatment of human disease, and develop an appreciation for principles of healthy living.

Specialisations
Choose from the following specialisations:
• Biochemistry and Molecular Biology
• Environmental Biotechnology
• Genetic and Breeding
• Genetics and Genomics

Requirements
To be considered for admission to this course, applicants must have a bachelor’s degree that aligns with one of the specialisations of this course or an equivalent qualification, as recognised by UWA.

Note: Students may apply to undertake a research project within this degree.
Minimum course duration: 1.5 years full-time comprising 72 credit points of taught units and 24 points of admission credit.
Maximum course duration: Two years full-time comprising 96 points of taught units.

1 Students with a bachelor’s degree or major in an area of study which is quite related to their specialisations may be granted up to 24 points credit in recognition of prior learning.
2 Students requiring more than 12 points to complete their degree will receive course advice specifying additional units.

Master of Biotechnology
study.uwa.edu.au/m/biotechnology

UWA course code: 71580
Duration: 1.5–2 years
Intake period: February, July
Mode of study: coursework or coursework and dissertation
Fee type: postgraduate fee-paying and Commonwealth-supported places available

COURSE DESCRIPTION
Biotechnology is becoming central to food, fibre and chemical production and the development of innovative strategies for environmental protection and stewardship.

This course is unique in Australia as it provides state-of-the-art training in the commercial aspects of biotechnology through direct industry interaction.

Specialisations
Choose from the following specialisations:
• Biochemistry and Molecular Biology
• Environmental Biotechnology
• Genetic and Breeding
• Genetics and Genomics

Requirements
To be considered for admission to this course, an applicant must have a bachelor’s degree which aligns with one of the specialisations of this course or an equivalent qualification, as recognised by UWA.

Note: Students may apply to undertake a research project within this degree.
Minimum course duration: 1.5 years full-time comprising 72 credit points of taught units and 24 points of admission credit.
Maximum course duration: Two years full-time comprising 96 points of taught units.

1 Students with a bachelor’s degree or major in an area of study which is quite related to their specialisations may be granted up to 24 points credit in recognition of prior learning.
2 Students requiring more than 12 points to complete their degree will receive course advice specifying additional units.

Postgraduate Professional Courses
Biomedical and Health Sciences 2019 Course Guide
The University of Western Australia | study.uwa.edu.au
Postgraduate Professional Courses

The University of Western Australia | study.uwa.edu.au

Master of Business Psychology

study.uwa.edu.au/courses/master-of-business-psychology

UWA course code: 73550
Duration: 1.5–2 years
Intake period: February, July
Mode of study: Master’s by coursework
Fee type: postgraduate fee-paying

COURSE DESCRIPTION

This Masters course is designed for recent graduates and professionals looking to advance their management skills from a psychological perspective to enhance performance outcomes within organisations. Psychological skills and training are increasingly sought by employers nationally and internationally. For example, in Australia the government has identified these skills are in high demand according to Australian skill shortages lists, including the Medium and Long-term Strategic Skills List, the Short-term Skilled Occupation List, and the Regional Occupation List.

Requirements

A three year Bachelor’s degree in psychology or equivalent. The equivalent of a UWA Weighted Average Mark (WAM) of at least 60 per cent in the third year (Level 3). Admission will be awarded to the highest ranked applicants based on a discussion with the course coordinator and/or teaching staff (eligible applicants only).

Doctor of Philosophy and Master of Clinical Audiology

study.uwa.edu.au/c/clin-audiology

UWA course code: 00840
Duration: 1 year
Intake period: January
Mode of study: combined postgraduate (coursework only and thesis only)
Fee type: postgraduate fee-paying (master’s degree) and RTS (PhD)

COURSE DESCRIPTION

Audiology is the clinical science that prevents, assesses and rehabilitates hearing loss and associated communication disorders.

The course develops your knowledge of clinical audiology with structured coursework units and you will then have the opportunity to create new knowledge in a preferred research topic with guidance from an expert supervisor during your PhD.

UWA is the only Australian university offering a combined four-year PhD and master’s degree in audiology.

Requirements

(a) an honours degree of at least 2A level, or a qualification recognised as equivalent by the Board of the Graduate Research School (the Board) and the Faculty; and
(b) satisfied the requirements of Doctor of Philosophy Rule 2 in the UWA Handbook; and
(c) a current National Police Certificate indicating no criminal conviction.

Graduate Diploma in Clinical Neuropsychology

study.uwa.edu.au/gd/clinical-neuropsychology

UWA course code: 53380
Duration: 1 year
Intake period: February
Mode of study: coursework
Fee type: postgraduate fee-paying

COURSE DESCRIPTION

This course serves as a bridging degree to allow individuals who are qualified as clinical psychologists with the Psychology Board of Australia (PsyBA) and have completed at least a master’s degree or equivalent in Clinical Neuropsychology to upskill in Clinical Psychology.

This allows them eligibility for endorsement as a clinical neuropsychologist with the Australian Health Practitioner Regulation Agency (AHPRA). The usual part-time nature of this diploma will suit most applicants as, for the most part, they will also be working as practising psychologists. However, depending on the units applicants have already taken, it may be possible to complete within one year.

Requirements

To be considered for admission to this course an applicant must have:

(1) an accredited Master of Clinical Neuropsychology, or an accredited Doctor of Psychology (Clinical Neuropsychology), or an equivalent qualification, as recognised by UWA; and
(2) two satisfactory referees, as recognised by UWA; and
(3) a curriculum vitae summarising relevant occupational and practical experience, as recognised by UWA; and
(4) an interview in which eligible applicants will be assessed based on the personal qualities considered desirable in psychology with invitation to attend the interview based on 5(a), (b) and (c) and the interview quota for that year; and
(e) the intake quota for that year.

Graduate Diploma in Clinical Psychology

study.uwa.edu.au/gd/clinical-psychology

UWA course code: 53370
Duration: 1 year
Intake period: February
Mode of study: coursework
Fee type: postgraduate fee-paying

COURSE DESCRIPTION

This course serves as a bridging degree to allow individuals who are qualified as clinical neuropsychologists with the Psychology Board of Australia (PsyBA) and have completed at least a master’s degree or equivalent in Clinical Neuropsychology to upskill in Clinical Psychology.

This allows them eligibility for endorsement as a clinical psychologist with the Psychology Board of Australia, which includes meeting the Board’s English language registration standard.

Invitation to attend an interview will be based on assessment of (1) (a), (b), (c), (d), in alignment with the interview quota for the year.

Eligible applicants who are interviewed will be assessed based on the personal qualities considered desirable in psychology practitioners.

Admission will be awarded to the highest ranked applicants under (1) and (4) who fall within the intake quota for that year.

Where relevant, admission will be awarded to the highest ranked applicants or applicants selected based on the relevant requirements.

1. Currency of National Police Certificate is 12 months.
Master of Clinical Research

study.uwa.edu.au/m/clin-research

UWA course code: 90620
Duration: 2 years
Intake period: February, July
Mode of study: thesis and coursework
Fee type: RTP

COURSE DESCRIPTION

Medicine and dentistry graduates interested in pursuing research may benefit from this course. It provides training in the practical aspects of patient-oriented research, including the ethics of investigation and effective communication of clinical research results through the core disciplines of clinical investigation, epidemiology and biostatistics.

Requirements

(a) a Doctor of Medicine, or an equivalent qualification, as recognised by UWA; or
(b) a Bachelor of Dental Science or Doctor of Dental Medicine, or an equivalent qualification, as recognised by UWA; or
(c) (i) a Bachelor of Science, or an equivalent qualification, as recognised by UWA; and
(ii) the equivalent of a UWA weighted average mark of at least 65 per cent.

Graduate Diploma in Forensic Odontology

study.uwa.edu.au/gd/forensic-odontology

UWA course code: 91350
Duration: 1 year
Intake period: February
Mode of study: coursework
Fee type: postgraduate fee-paying

COURSE DESCRIPTION

This course is designed for qualified dentists and those with a background in other disciplines who are keen to develop their knowledge and research skills in forensic odontology. The following areas are covered: dealing independently with all routine forensic odontological casework; the efficient referral of cases of special difficulty outside or beyond their expertise; functioning under supervision as a member of a Disaster Victim Identification (DVI) team; the independent preparation of evidence for presentation to courts of law, and being aware of their own need for further education.

Requirements

(a) a Doctor of Dental Medicine, or an equivalent qualification, as recognised by UWA; and
(b) at least two years’ experience in the practice of general dentistry.

Graduate Diploma in Dental Public and Primary Health

study.uwa.edu.au/gd/dental-public-primary-health

UWA course code: 80330
Duration: 1 year
Intake period: January, July
Mode of study: coursework
Fee type: postgraduate fee-paying

COURSE DESCRIPTION

This course is an appropriate program for those who wish to undertake an advanced study in dental public and primary health but who do not intend to pursue a specialist career in dental public health.

Requirements

To be considered for admission to this course, an applicant must have a Bachelor of Dental Science or Graduate Diploma in Dental Public and Primary Health, or an equivalent qualification, as recognised by UWA; or a bachelor’s degree containing a significant component of dental health-related coursework, or an equivalent qualification, as recognised by UWA; and at least two years of relevant experience in public or primary dental health.

Doctor of Clinical Dentistry

study.uwa.edu.au/d/clinical-dentistry

UWA course code: 90840
Duration: 3 years
Intake period: January, July
Mode of study: clinical masters and skills
Fee type: postgraduate fee-paying

COURSE DESCRIPTION

This course provides training of dentists in one of the following specialty disciplines: endodontics, oral medicine, oral pathology, orthodontics, paediatric dentistry, periodontics and prosthodontics.

Requirements

(a) a Doctor of Dental Medicine, or an equivalent qualification, as recognised by UWA; and
(b) at least two years’ professional experience in the practice of general dentistry; and
(c) passed the Primary Examination towards Fellowship in the Royal Australasian College of Dental Surgeons, or equivalent.
Graduate Certificate in Emergency Medicine Research

study.uwa.edu.au/gc/emergency-medicine-research

UWA course code: 90040
Duration: 0.5 years
Intake period: February, July
Mode of study: multimode
Fee type: postgraduate-fee-paying

COURSE DESCRIPTION
This course is taught by experienced emergency and critical care clinicians with extensive research track records, many of whom also have local and national awards for teaching excellence.

The course targets the needs of emergency medicine and critical care trainees and specialists, emergency and critical care nurses, paramedics and other health professionals who seek training in the methods used to undertake sound clinical research. Two core units in this course meet the requirements for the research training requisites of the Australasian College for Emergency Medicine.

Requirements
(a) A bachelor’s degree of this University in a relevant discipline or equivalent as recognised by the Faculty; and
(b) Recent clinical experience in an emergency/critical care/pre-hospital environment is preferred since the content focuses on these areas.

Master of Exercise Science (coursework or coursework and dissertation)

study.uwa.edu.au/m/exercise-sci

UWA course code: 52510
Duration: 1.5-2 years
Intake period: February, July
Mode of study: coursework or coursework and dissertation
Fee type: postgraduate-fee-paying

COURSE DESCRIPTION
The Master of Exercise Science is designed for graduates who seek advanced knowledge in one of the sub-discipline areas within exercise science.

Specialisations
Choose from the following specialisations:
• Sport and Exercise Science
• Sport and Recreation Management

The Sport and Exercise Science specialisation offers a choice of units within biomechanics; motor control and learning; exercise physiology and biochemistry; health behaviour; performance psychology and exercise rehabilitation.

The Sport and Recreation Management specialisation includes core and elective units from both the UWA Business School and Faculty of Science.

Requirements
(a) a relevant bachelor’s degree, or an equivalent qualification, as recognised by UWA; or
(b) a Graduate Diploma in Exercise Rehabilitation, a Graduate Diploma in Sport and Recreation Management, or a Graduate Diploma in Work, Health and Safety, or an equivalent qualification.

Note: Students may apply to undertake a research project within this degree.
Minimum course duration: 1.5 years full-time comprising 72 credit points of taught units and 24 points of admission credit.
Maximum course duration: Two years full-time comprising 96 points of taught units.

Master of Exercise Science (thesis and coursework)

study.uwa.edu.au/m/exercise-sci

UWA course code: 52610
Duration: 1 year
Intake period: February, July
Mode of study: thesis and coursework
Fee type: postgraduate-fee-paying and RTP

COURSE DESCRIPTION
The course explores recent developments in the field of exercise science and will enhance your intellectual and research skills.

You also have the opportunity to specialise in a subdiscipline of exercise science such as movement science, biomechanics, motor learning, pedagogy, exercise physiology or health and sport psychology.

Requirements
1. To be considered for admission to this course an applicant must have:
(a) a relevant bachelor’s degree of this University with first class or second class honours with an average mark of at least 70 per cent, or equivalent, as recognised by UWA; or
(b) a relevant Graduate Diploma in Science of this University with a research component of at least 50 per cent of the course with an average mark of at least 70 per cent in both the research and coursework components of the graduate diploma, or equivalent, as recognised by UWA.

The Faculty may accept into the course an applicant who has completed the Graduate Diploma in Education with an average mark of 70 per cent provided that the applicant’s proposed thesis topic relates to pedagogy.

Graduate Certificate in Health Professions Education

study.uwa.edu.au/gc/health-prof-education

UWA course code: 90210
Duration: 0.5 years
Intake period: February
Mode of study: coursework
Fee type: postgraduate-fee-paying

COURSE DESCRIPTION
This course is suitable for health professionals who seek to develop their knowledge and skills in health professional education. Fundamental issues in health professional education are addressed by fostering interdisciplinary discussion and collaboration, while developing knowledge and skills as educators within their field.

Requirements
(a) a relevant bachelor’s degree, or an equivalent qualification, as recognised by UWA; or
(b) a relevant graduate diploma in Exercise Rehabilitation, or a Graduate Diploma in Health Professions Education.

The Faculty may accept into the course an applicant who has completed the Graduate Diploma in Education with an average mark of at least 70 per cent, or equivalent.

Graduate Diploma in Health Professions Education

study.uwa.edu.au/gd/health-prof-education

UWA course code: 91340
Duration: 1 year
Intake period: February
Mode of study: coursework
Fee type: postgraduate-fee-paying

COURSE DESCRIPTION
This course is suitable for health professionals who seek to develop their knowledge and skills in health professional education. Fundamental issues in health professional education are addressed by fostering interdisciplinary discussion and collaboration, while developing knowledge and skills as educators within their field.
requirements
(a) a relevant bachelor's degree, or an equivalent qualification, as recognised by UWA; or
(b) a level and duration of health-related education and professional experience considered by UWA to be sufficient to permit satisfactory completion of the course; or
(c) (i) completed the Graduate Certificate in Health Professions Education at UWA;
(ii) a relevant bachelor's degree includes a Bachelor of Medicine and Bachelor of Surgery, and a bachelor's degree in a health, biomedical or biological sciences-related discipline.

Master of Health Professions Education (coursework and dissertation)
study.uwa.edu.au/m/health-prof-edu

UWA course code: 50570
Duration: 1.5 years
Intake period: February
Mode of study: coursework and dissertation
Fee type: postgraduate fee-paying

Course description
This course is suitable for health professionals who seek to develop their knowledge and skills in health professional education. Fundamental issues in health professional education are addressed by fostering interdisciplinary discussion and collaboration, while developing knowledge and skills as educators within their field.

Requirements
(a) a relevant bachelor's degree, or an equivalent qualification, as recognised by UWA; or
(b) (i) a bachelor's degree in a health, biomedical or biological sciences-related discipline, or an equivalent qualification, as recognised by UWA; and
(ii) at least one year of relevant professional experience; or
(c) (i) completed the Graduate Certificate in Health Professions Education or Graduate Diploma in Health Professions Education at UWA; and
(ii) the equivalent of a UWA weighted average mark of at least 65 per cent in all core units.

Master of Health Professions Education (thesis and coursework)
study.uwa.edu.au/mr/health-prof-edu

UWA course code: 50670
Duration: 1.5 years
Intake period: February
Mode of study: thesis and coursework
Fee type: RTP

Course description
This course is for health professionals who seek to develop their knowledge and skills in health professional education. Fundamental issues in health professional education are addressed by fostering interdisciplinary discussion and collaboration, while developing knowledge and skills as educators within their field.

Requirements
(a) a relevant bachelor's degree, or an equivalent qualification, as recognised by UWA; and
(b) (i) the equivalent of a UWA weighted average mark of at least 60 per cent in the Level 3 units; or
(ii) at least three years' relevant full-time professional experience; or
(iii) evidence of adequate research outputs.

Graduate Diploma in Infectious Diseases
study.uwa.edu.au/gd/infectious-diseases

UWA course code: 51330
Duration: 1 year
Intake period: February
Mode of study: coursework
Fee type: postgraduate fee-paying and Commonwealth-supported places available

Course description
This course is aimed at science-based and medical professionals seeking advanced training in the field of infectious diseases. Topics covered include medical microbiology, tropical infectious diseases and public and environmental health microbiology, with an emphasis on practical laboratory classes.

Requirements
(a) a relevant bachelor's degree, or an equivalent qualification, as recognised by UWA; and
(b) (i) the equivalent of a UWA weighted average mark of at least 60 per cent in the Level 3 units; or
(ii) at least three years' relevant full-time professional experience; or
(iii) evidence of adequate research outputs.

Master of Infectious Diseases
study.uwa.edu.au/m/infectious-diseases

UWA course code: 52530
Duration: 2 years
Intake period: February
Mode of study: coursework and dissertation
Fee type: Commonwealth supported

Course description
This course is aimed at science-based and medical professionals seeking advanced training in the field of infectious diseases. Topics covered include Medical Microbiology, Tropical Infectious Diseases and Public and Environmental Health Microbiology, with an emphasis on practical laboratory classes and a research project of one or two semesters.

Requirements
(a) a relevant bachelor's degree, or an equivalent qualification, as recognised by UWA; and
(b) (i) the equivalent of a UWA weighted average mark of at least 60 per cent in the Level 3 units; or
(ii) at least three years' relevant full-time professional experience; or
(iii) evidence of adequate research outputs.
Master of Infectious Diseases and Doctor of Philosophy

study.uwa.edu.au/m/infectious-diseases-phd

UWA course code: 01810/52520
Duration: 4 years
Intake period: February
Mode of study: research and coursework
Fee type: postgraduate fee-paying and Commonwealth-supported places available (master's) and RTP (PhD)

COURSE DESCRIPTION

This course has been developed in response to the international need for advanced training and research in infectious diseases to better prepare medical and health professionals, and public sector and other groups. Nobel Laureate Professor Barry Marshall is a valued member of staff within the program. This course enables students to receive comprehensive training in infectious diseases through coursework together with high-level research training in a PhD in an area of infectious diseases.

Requirements

To be considered for admission to this course, an applicant must:

(a) have met the usual requirements for entry to a PhD course, including demonstrating adequate research preparation by completion of an honour's or equivalent course at an acceptable standard, or equivalent research preparation as specified in the rules for entry to a PhD course;
(b) satisfy the University's English language competence requirements;
(c) a relevant bachelor's degree (as specified in the rules for entry to the Master of Infectious Diseases course), or an equivalent qualification, as recognised by UWA; and
(d) (i) the equivalent of a UWA weighted average mark at least 60 per cent in the Level 3 units; or
(ii) at least three years of relevant full-time professional experience; or
(iii) evidence of adequate research outputs, as recognised by UWA.

Graduate Certificate in Population Health Studies

study.uwa.edu.au/gc/pop-health

UWA course code: 91230
Duration: 0.5 years
Intake period: February, July
Mode of study: coursework
Fee type: postgraduate fee-paying

COURSE DESCRIPTION

This course is designed as a pathway for those who seek to enrol in a Master of Public Health but do not meet the educational requirements. The course allows for maximum flexibility to tailor studies in order to meet your personal or professional interests.

Requirements

(a) a bachelor's degree, or an equivalent qualification, as recognised by UWA; or
(b) a level and duration of education and professional experience considered by UWA to be sufficient to permit satisfactory completion of the course; or
(c) completed two postgraduate public health (PUBH) units.

Master of Pathology

study.uwa.edu.au/m/pathology

UWA course code: 92610
Duration: 1 year
Intake period: February
Mode of study: thesis and coursework
Fee type: RTP

COURSE DESCRIPTION

This course provides an opportunity for students who have completed a graduate diploma in a cognate field to design, conduct, analyse and write up a year-long research project relevant to the School of Biomedical Sciences. Students develop their understanding of the process of research as well as demonstrating competence at each stage of the research process.

Requirements

(a) a graduate diploma in cognate field, or equivalent, as recognised by UWA; and
(b) obtained a score that is equivalent to UWA weighted average mark at or above 65 per cent.

Master of Public Health (with specialisation)

study.uwa.edu.au/m/public-health

UWA course code: 92550
Duration: 2 years
Intake period: February, July
Mode of study: coursework, coursework and dissertation
Fee type: postgraduate fee-paying

COURSE DESCRIPTION

This substantive project can be completed as an alternative to the 24-point dissertation. The project gives you practice and experience in synthesising the skills you learnt during the MPH. You can choose to plan a research project by conducting a review of a body of scientific literature, writing a literature review and detailed project proposal, development of instruments, an ethics committee application and preparing an analysis plan. Alternatively, you can undertake a systematic review of the literature and find a specific management issue in the style of a Cochrane review.

Requirements

(a) (i) a bachelor's degree, or an equivalent qualification, as recognised by UWA; or
(ii) a Graduate Certificate in Population Health Studies, or an equivalent qualification, as recognised by UWA; and
(b) the equivalent of a UWA weighted average mark of at least 60 per cent.

Doctor of Podiatric Surgery

study.uwa.edu.au/d/podiatry

UWA course code: 00830
Duration: 3 years
Intake period: February
Mode of study: Clinical extended master's degree
Fee type: Postgraduate fee-paying

COURSE DESCRIPTION

This course provides theoretical and clinical knowledge in podiatric surgery beyond the Bachelor of Podiatric Medicine. Topics include biostatistics, research methodology, advanced podiatric medicine, theoretical and practical aspects of elective foot surgery and/or management of the high-risk foot, and patient-oriented research, including ethics and communication of research, resulting in a dissertation. Graduates are eligible for registration with the Podiatry Board of Australia as a podiatric surgeon.

Requirements

(a) the Doctor of Podiatric Medicine from this University, or equivalent as recognised by the Faculty; and
(b) at least one year of relevant professional experience.

PRACTICUM PLACEMENTS

UWA is known for its strong industry connections, with many of our students undertaking their practicums with the following organisations:

- Cancer Council WA
- Telethon Kids Institute
- Spine and Limb Foundation
- PricewaterhouseCoopers
- Department of Health WA
- North Metropolitan Health Unit
- WA Centre for Rural Health

DISSERTATION (24-POINT)

The 24-point dissertation is the equivalent of a semester of full-time study and involves preparing original research under supervision.

As a dissertation research student, under supervision, you will develop a paper for publication in a scientific journal. The dissertation gives you practice and experience in defining a clear research question, preparing a formal research proposal, conducting a review of a body of scientific literature and formal writing at a professional standard.

You have the option to choose and develop your own topic, or choose from a list of available research projects. Projects relevant to your work may be suitable. Once you have selected a dissertation topic, your research plan must be approved by the Honours and Dissertation Coordinator.

PROJECT (12-POINT)

This substantive project can be completed as an alternative to the 24-point dissertation. The project gives you practice and experience in synthesising the skills you learnt during the MPH. You can choose to plan a research project by conducting a review of a body of scientific literature, writing a literature review and detailed project proposal, development of instruments, an ethics committee application and preparing an analysis plan. Alternatively, you can undertake a systematic review of the literature and find a specific management issue in the style of a Cochrane review.

Requirements

(a) (i) a bachelor's degree, or an equivalent qualification, as recognised by UWA; or
(ii) a Graduate Certificate in Population Health Studies, or an equivalent qualification, as recognised by UWA; and
(b) the equivalent of a UWA weighted average mark of at least 60 per cent.

Master of Public Health

study.uwa.edu.au/m/public-health

UWA course code: 91550
Duration: 1.5 years
Intake period: February, July
Mode of study: coursework, coursework and project, coursework and dissertation or coursework and practicum
Fee type: postgraduate fee-paying

COURSE DESCRIPTION

Public Health studies provide a foundation in the disciplines of epidemiology, biostatistics, health economics and health promotion for current professionals interested in moving into a wider range of health-related industries. Studies also focus on the broader social context in which public health programs are planned, delivered and evaluated.

Requirements

(a) a bachelor's degree, or an equivalent qualification, as recognised by UWA; or
(b) (i) a Graduate Certificate in Population Health Studies, or an equivalent qualification, as recognised by UWA; and
(ii) the equivalent of a UWA weighted average mark of at least 60 per cent.
Master of Science
study.uwa.edu.au/m/ science
UWA course code: 70630
Duration: 1 year
Intake period: February, July
Mode of study: thesis and coursework
Fee type: postgraduate fee-paying and RTP

COURSE DESCRIPTION
The Master of Science offers graduates the opportunity to explore a particular discipline of science through advanced coursework units and independent research.

Select from more than 20 different subjects areas for your research project which include agricultural science; animal science; marine science; environmental science; biology; geography; zoology; geology; chemistry; biotechnology; biochemistry and molecular biology; and many other fascinating subjects.

Requirements
To be considered for admission to this course an applicant must have:
(a) a Bachelor of Science (Honours) with first class or upper second class honours, or an equivalent qualification, as recognised by UWA; and
(b) secured a supervisor and research topic in the area of study.

Where relevant, admission will be awarded to the highest ranked applicants or applicants selected based on the relevant requirements.

Note: Students must indicate subject area and have supervisor approval at time of application.

Graduate Certificate in Rural and Remote Medicine
study.uwa.edu.au/gc/rural-remote-med
UWA course code: 90020
Duration: 8.5 years
Intake period: February, July
Mode of study: coursework
Fee type: postgraduate fee-paying

COURSE DESCRIPTION
This course is aimed at medical graduates with an interest in rural and remote medicine who wish to pursue a career in research or teaching. The graduate certificate comprises four units relating to rural teaching, research and philosophy.

Requirements
(a)  a Doctor of Medicine, or an equivalent qualification, as recognised by UWA; and
(b)  (i) completed or been undertaking fellowship training in a primary care or equivalent specialty college; or
(ii) a level of professional rural experience considered by UWA to be sufficient to permit satisfactory completion of the course.

Students select from options such as science communication for change in industry and community, science performance, a workplace project, science in the media, learning technologies, and displays and exhibits.

Requirements
A bachelor’s degree in science, or an equivalent qualification, as recognised by UWA.

Note: Students may apply to undertake a research project within this degree.

Minimum course duration: 1.5 years full-time comprising 72 credit points of taught units and 24 points of admission credit.1
Maximum course duration: Two years full-time comprising 96 points of taught units.2

Note: Students with a bachelor’s degree or major in an area of study which is cognate (related) to their specialisations may be granted up to 24 points credit in recognition of prior learning.

1 Students requiring more than 72 credit points will receive course advice specifying additional units.

2 Students with a bachelor’s degree or major in an area of study which is cognate (related) to their specialisations may be granted up to 24 points credit in recognition of prior learning.

Graduate Certificate in Adult Sleep Science
studyat.uwa.edu.au/gc/adult-sleep-science
UWA course code: 51210
Duration: 0.5 years
Intake period: February full-time or July part-time
Mode of study: coursework; online and residential
Fee type: postgraduate fee-paying

COURSE DESCRIPTION
This course provides you with an understanding of sleep and circadian biology and the skills to use sophisticated equipment and instrumentation in order to perform laboratory-based and portable sleep studies as well as apply different protocols to sleep monitoring and perform basic scoring and analysis of sleep studies. Online and laboratory-based units are used to synthesise knowledge and ensure translation of this knowledge into practical competencies.

Two online units are completed in the first semester. You will need to be in Perth for two weeks in June/July to complete the intensive practical portion of the two units that follow.

Requirements
(a)
(i) a relevant bachelor’s degree, or an equivalent qualification, as recognised by UWA; or
(ii) a level and duration of health-related education and professional experience considered by UWA to be sufficient to permit satisfactory completion of the course; and
(b) a current National Police Certificate, or equivalent certification, indicating no criminal conviction.3

1 Currency of National Police Certificate is 12 months.
You must be in Perth to attend the practical components of these units delivered over two two-week periods, one in June/July and one in November/December. The intensive practical units provide you with hands-on experience in a sleep laboratory in order to synthesise knowledge and ensure translation of the theoretical.

Requirements
(a) a relevant bachelor’s degree, or an equivalent qualification, as recognised by UWA; and
(b) a current National Police Certificate, or equivalent certification, indicating no criminal conviction.¹

¹ Currency of National Police Certificate is 12 months

Graduate Diploma in Advanced Social Work
study.uwa.edu.au/gd/advanced-social-work

UWA course code: 10370
Duration: 1 year
Intake period: February, July
Mode of study: postgraduate certificate
Fee type: postgraduate fee-paying

COURSE DESCRIPTION
This course is open to social work graduates with a minimum of two years’ experience as a professional social worker. It involves two compulsory units and a choice from a range of other advanced social work units, depending on availability. The course enables practising social workers to build on their knowledge of advanced social work theory and practice, and research methods.

Requirements
To be considered for admission to this course an applicant must have:
(a) a relevant bachelor’s degree or graduate certificate (includes a Graduate Certificate in Social Work, Graduate Certificate in Child Protection Practice, and Graduate Certificate in Mental Health Practice), or an equivalent qualification, as recognised by UWA; and
(b) at least two years’ experience as a professionally qualified social worker.

Master of Advanced Social Work
study.uwa.edu.au/gd/advanced-social-work

UWA course code: 10750
Duration: 1.5 years
Intake period: by agreement with their supervisors, students may commence at any time throughout the year, except December
Mode of study: master’s degree by research (thesis only)
Fee type: higher Degree by Research

COURSE DESCRIPTION:
This degree provides professional and research skills for graduates and professionals working in social work or social administration.

Requirements
To be considered for admission to this course an applicant must have:
(a) Completed the requirements for the Graduate Diploma in Advanced Social Work, or an equivalent as recognised by the Faculty; and
(b) At least two years’ experience as a professionally qualified social worker.

Doctor of Social Work
study.uwa.edu.au/d/social-work

UWA course code: 10970
Duration: 3 years
Intake period: Throughout the year
Mode of study: professional Doctorate by thesis and coursework
Fee type: Commonwealth-supported and/or HECS-HELP

COURSE DESCRIPTION
The Doctor of Social Work is a research-based and research-driven advanced course for qualified social workers committed to their continuing professional education.

Requirements
To be considered for admission to this course an applicant must have:
(a) the degree of Bachelor of Social Work of this University with first or upper class honours, or equivalent as recognised by the Faculty; or
(ii) the degree of Master of Social Work (by coursework and dissertation) of this University with Distinction or High Distinction, or equivalent as recognised by the Faculty; or
(iii) the Graduate Diploma in Advanced Social Work of this University with a weighted average mark of at least 70 per cent, or equivalent as recognised by the Faculty; or
(iv) the degree of Master of Advanced Social Work of this University, or equivalent as recognised by the Faculty; or
(v) the degree of Master of Arts (Social Work) of this University, or equivalent as recognised by the Faculty; and
(b) The equivalent of at least two years’ full-time post qualified professional practice experience.

Master of Surgery
study.uwa.edu.au/m/surgery

UWA course code: 90660
Duration: 3.5 years
Intake period: February
Mode of study: research
Fee type: RTP

COURSE DESCRIPTION
Medical professionals will learn effective practical applications in surgery and gain the skills required to independently conduct high-calibre research. Studies combine a mixture of coursework units, core and advanced specialty skills training and a significant body of research, culminating in the production of a thesis.

Requirements
(a) a Bachelor of Medicine and Bachelor of Surgery of this University, or equivalent as recognised by the Faculty; and
(b) a minimum of two years’ postgraduate professional experience; and
(c) (i) enrolment in a surgical traineeship through the Royal Australasian College of Surgeons Surgical Education and Training Program; or
(ii) qualification as a surgeon with the Royal Australasian College of Surgeons, or equivalent as recognised by the Faculty; or
(iii) qualification as a medical practitioner desirous of an academic career in surgery; and
(d) eligibility for registration with the Medical Board of Western Australia.
How to apply for an undergraduate course

START HERE

1. Find a course
   Explore your options at study.uwa.edu.au. You can also visit the Tertiary Institutions Service Centre (TISC) website tisc.edu.au or obtain a copy of the 2019 TISC Guide.

2. Check the entry requirements
   Entry to most courses is assessed on your ATAR (or equivalent), but it is important to check for additional selection criteria that can apply to some courses and pathways. See below for courses with additional entry requirements. Additional entry requirements are listed on page 70. You should also check the prerequisite subjects for your course of interest.

7. Offers are released
   If you receive an offer, you’ll be given instructions on how to accept your place and get started on your UWA journey. Main round offers will be released in late December 2019 with second round offers available in mid January 2020.

Courses with additional entry requirements

At UWA there are some courses which require additional entry requirements to be met before you can gain admission to the course.
Investigate your entry options
We offer a number of special entry pathways for Indigenous and non-Indigenous students. See pages 72 to 73 for more information.

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

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

Apply
Once you’ve selected your UWA courses, submit your application at tisc.edu.au. Applications open 6 August and close 28 September. You can learn more about the TISC process at tisc.edu.au. For mid-year or mature-age applicants, you can apply directly to UWA via study.uwa.edu.au/apply.

Medicine and Dentistry
Students wishing to apply for a Direct Pathway in Medicine and Dental Medicine are required to meet the following entry requirements:
- Minimum ATAR of 99 or equivalent (96 ATAR for Broadway/Rural/International)
- Suitable UCAT ANZ/ISAT score*
- Interview
- English language competency

Entry to a Doctor of Dental Medicine also requires:
- Satisfactory completion of the spatial awareness test
- Meeting eyesight requirements

Quotas apply for these courses so places are limited. www.meddent.uwa.edu.au/future-students/postgraduate/apply-professional

*UCAT ANZ is required for Australian citizens, ISAT for non-Australian citizens.
How to apply for a postgraduate course

Applicants are expected to have completed an undergraduate degree at an approved university and undertaken adequate preparation for the degree they are applying for.

Coursework

1. **Apply online**
   Submit an online application at [study.uwa.edu.au/apply](http://study.uwa.edu.au/apply) that includes all necessary documentation specified in the admission requirements of your course. For admission requirements and application dates, visit [study.uwa.edu.au/how-to-apply](http://study.uwa.edu.au/how-to-apply).

2. **Accept your offer**
   If successful, and you receive an offer for postgraduate study at UWA, you can respond by following the instructions in your offer letter.

3. **Start your UWA postgrad journey**
   Unistart is your official guide to starting postgraduate study at UWA. Follow the steps at [unistart.uwa.edu.au/postgrad](http://unistart.uwa.edu.au/postgrad) to plan for pre-enrolment, enrolment and orientation.
Contact your Higher Degree by Research support team in the relevant faculty

Faculty of Health and Medical Sciences
hdrenquiries-fhms@uwa.edu.au

Faculty of Science
hdr-enquiry-science@uwa.edu.au

Read the profiles of our Research Leaders who may be potential supervisors at research.uwa.edu.au/fellows.

Prepare your research proposal: Prepare a brief outline (maximum 250 words) of your proposed area of study to discuss with a prospective supervisor.

Discuss your resources: Find out what resources are available to you as a postgraduate research student, as these vary depending on the school in which you enrol.

Be informed: There is useful information online for future research students, including how to prepare a research proposal. Visit study.uwa.edu.au/research/becoming-a-research-student.

Submit your application

Submit an application to the respective HDR support team in your faculty. This should include:

- a completed research application form available at study.uwa.edu.au/apply
- all certified documents as listed on the application form
- a research proposal

Successful applicants will be sent an offer package electronically, including a letter of offer/authority to enrol, and acceptance documents. You should allow six to eight weeks for your application to be processed.
Additional entry requirements

UCAT ANZ
All applicants applying for direct pathways into the Doctor of Medicine (MD) and the Doctor of Dental Medicine (DMD) must sit the UCAT ANZ. There is no curriculum content in UCAT; the test examines your innate (natural ability) skills. UCAT helps universities to select applicants with the most appropriate mental abilities, attitudes, and professional behaviours required for new doctors and dentists to be successful in their clinical careers.

GAMSAT
All domestic applicants to the graduate pathways to the Doctor of Medicine (MD) and the Doctor of Dental Medicine (DMD) must sit the GAMSAT. The purpose of the GAMSAT is to assess your ability to understand and analyse material, to think critically about issues and, in the case of the Written Communication section, to organise and express your thoughts in a logical and effective way.
Interview

All shortlisted applicants to the direct pathway and Graduate Pathways to the Doctor of Medicine (MD), the Doctor of Dental Medicine (DMD) and Master of Pharmacy must attend an interview. The purpose of the interview is to allow applicants an opportunity to display some of the attributes and qualities considered desirable in health practitioners.
Alternative entry pathways

We offer alternative entry pathways that allow you to be considered for admission to a course if you didn’t meet our standard entry requirements.

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

Broadway UWA
This entry scheme allows students from designated schools to receive an automated ATAR adjustment to gain admission if their ATAR is slightly below the minimum score.
study.uwa.edu.au/broadway

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

First in Family
Our First in the Family program is designed to support students in achieving their goals to be the first in their immediate family to attend university. If you’ve received an ATAR of 75.00–79.95 and will be the first in your family to attend university, you may be eligible for a place at UWA.
study.uwa.edu.au/first-in-family

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

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

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

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

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

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

sis.uwa.edu.au/courses/orientation

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

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

The Aboriginal Student Selection Committee, consisting of senior staff from Admissions, Associate Deans and Faculty Advisers, considers applicants recommended by the School of Indigenous Studies. Students who are successful are offered places. There is also a mid-year application round for this scheme.

There are two categories of applicants eligible under this scheme:

WACE applicants
Applicants must have completed WACE, achieved secondary graduation and obtained an ATAR of 70.00 or above to be considered for entry into a bachelor’s degree in Arts, Biomedical Science, Commerce or Science.

Non-WACE applicants
This category includes applicants who have a good education background which may include TAFE, higher education studies or a bridging course and/or extensive relevant work experience.

How to apply
All applicants are required to complete an application form and supply supporting documentation to the School of Indigenous Studies and attend a Uni Entry Workshop in December or late January. Uni Entry Workshops involve an information session, written assessment and interview.

sis.uwa.edu.au/courses/provisional

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

sis.uwa.edu.au/scholarships
Undergraduate fees

The Australian Government provides Commonwealth-supported places in courses at UWA for students who are Australian or New Zealand citizens or holders of an Australian permanent resident visa.

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

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

How much is the student contribution?
A course at UWA comprises a number of units. A standard unit is worth six (6) credit points. Full-time students usually study four 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 your student contribution each semester depends on the mix of units in which you are enrolled.

<table>
<thead>
<tr>
<th>Unit discipline</th>
<th>Annual contribution for a standard full-time load (48 credit points)</th>
<th>Approximate student contribution for a 6-credit-point unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities, behavioural science, foreign languages, social studies, visual and performing arts, education, nursing, clinical psychology</td>
<td>$6349</td>
<td>$793</td>
</tr>
<tr>
<td>Agriculture, built environment, computing, engineering, health and surveying, mathematics, statistics, science (natural and physical)</td>
<td>$9050</td>
<td>$1131</td>
</tr>
<tr>
<td>Accounting, administration, commerce, dentistry, economics, law and medicine</td>
<td>$10,596</td>
<td>$1324</td>
</tr>
</tbody>
</table>

The UWA Student Services and Amenities Fee
The UWA Student Services and Amenities Fee (SSAF) is a compulsory fee that directly benefits all UWA students. The fee is used to develop and provide a range of recreational, sporting and educational facilities together with social, education and representation activities and services. study.uwa.edu.au/fees-scholarships

studyassist.gov.au
Postgraduate fees

Fees for postgraduate study are determined by the nature of the course in which you enrol. Different types of degrees are classified under different types of fee structures or loan schemes.

**Coursework degrees**

Postgraduate fee-paying places (PF-P)
A postgraduate degree is classified as coursework when the dissertation component, if any, is less than two-thirds of the total course. Tuition fees are applicable to a large number of postgraduate coursework programs, and places in these courses are known as postgraduate fee-paying places. A deferred payment loan scheme called FEE-HELP is available under the Australian Government’s Higher Education Loan Program. FEE-HELP assists eligible students who enrol in postgraduate fee-paying courses to pay part or all of their tuition fees.

Commonwealth-supported place (CSP)
Some postgraduate coursework degrees have Commonwealth-supported places, meaning the tuition fees for the course are subsidised by the Australian Government so students are only required to pay 'student contribution' amounts for their units of study. Students offered a Commonwealth-supported place in a postgraduate degree may be eligible for HECS-HELP. HECS-HELP is an Australian Government loan program to help eligible students in CSPs to defer payment of their student contributions. Comprehensive information regarding eligibility for postgraduate coursework loan programs can be found by visiting studyassist.gov.au.

**Australian Government Research Training Program (RTP) for research degrees**
A postgraduate degree is classified as a Higher Degree by Research (HDR) if the research component is at least two-thirds of the course. At UWA, Australian citizens and permanent residents, and New Zealand citizens, are exempt from paying tuition fees for HDRs under the Research Training Program (RTP). The RTP is a dedicated pool of funding provided by the Australian Government to support students undertaking research doctorate and master’s by research degrees. Domestic RTP Fees Offset Scholarships provide exemption from payment of tuition fees for up to four years’ full-time equivalent study for a doctorate by research and two years’ full-time equivalent study for a master’s by research degree. Assessment of eligibility for an RTP Domestic Fees Offset Scholarship and allocation occurs automatically in conjunction with an application for admission.

**Combined coursework and research degrees**
Candidates in some combined courses may be required to pay fees or organise a loan for the coursework component of their combined degree, even though the research component is covered by the RTP for eligible students. If in doubt about your eligibility under the scheme, contact the Graduate Research School at pghelp@postgraduate.uwa.edu.au or visit postgraduate.uwa.edu.au.

**Student Services and Amenities Fee (SSAF)**
The compulsory Student Services and Amenities Fee is payable by all students enrolled at UWA. Income from this fee funds the development and provision of educational, recreational, social and sporting facilities and activities for the direct benefit of all UWA students. Research degree candidates who have been approved to undertake their research overseas may apply to have their fee waived. Applications are made directly to the Graduate Research School. For more information about the SSAF visit student.uwa.edu.au/course/fees/ssaf.

**Living allowance**
Some courses have been approved by the Department of Social Services for Student Support Payments. Eligible students can receive one of Youth Allowance, Austudy or the Pensioner Education Supplement. Further information can be found at dss.gov.au/our-responsibilities/familiesand-children/programmes-services/student-payments.

**Calculating your course fees**
For comprehensive information regarding the tuition or student contribution fees applicable to your course of interest, visit fees.uwa.edu.au.
Scholarships

The University of Western Australia (UWA) is proud to offer a range of scholarships and prizes annually to support students from all walks of life. The University has a long tradition of recognising and rewarding excellence within our community.

If you achieve an ATAR of 99.90, you will automatically be awarded a UWA Winthrop Scholarship valued at $5000 per year.

In addition to academic scholarships, UWA supports students who have been disadvantaged through their learning journey by awarding scholarships if they are experiencing financial hardship, living with a disability, originate from a rural or remote area, have experienced other educational disadvantages, or are an Aboriginal or Torres Strait Islander student commencing an undergraduate degree or the Aboriginal Orientation Course.

Eligibility is dependent on the type of scholarship you are applying for. Take a look online to see what you are eligible for or contact the scholarships office via askUWA to help you with your query.

study.uwa.edu.au/fees-and-scholarships

Fogarty Scholarship

The UWA Fogarty Scholarship Program is enriching our community by investing in exceptional young people who use their skills, abilities and commitment to lead positive change in our community, State and nation.

Established in 2004, the Program is a joint initiative of the Fogarty Foundation and The University of Western Australia. The Fogarty Foundation offers Australia’s premier scholarship program, awarding 10 new scholarships to students each year.

Each scholarship is valued at $10,000.

scholarships.uwa.edu.au/fogarty

Prizes

In recognition of outstanding academic achievement, UWA awards prizes annually. These prizes are offered by the different areas of the University and are presented to recipients at an awards ceremony held by the relevant faculty.

Recipients are nominated by the relevant faculty based on results achieved in their previous academic year.

Please note, unless specified in the prize conditions, students do not need to apply for prizes.

To see the different prizes within each area, take a look at what is offered at web.uwa.edu.au/study/prizes.

If you are applying to UWA through an alternate pathway, enquire about scholarship opportunities through askUWA.
Your first few days at university can be overwhelming, from making new friends and managing your resources, to getting help with your course or even just finding the right lecture room. We offer a range of student services dedicated to helping you get your studies off to the best start and supporting you throughout your journey with us.

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

transition.uwa.edu.au

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

unimentor.uwa.edu.au

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

studysmarter.uwa.edu.au

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

uniaccess.uwa.edu.au

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

counselling.uwa.edu.au

Located on the second floor of the Guild Village, UWA’s Medical Centre is able to provide convenient, confidential and comprehensive medical care to students and staff of the University.

Domestic students are able to be bulk-billed if they have a Medicare card. International students with Allianz or Medibank cards are directly billed to their insurance companies.

uwa.edu.au/medical-centre

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

spirituallife. uwa.edu.au

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

childcare.uwa.edu.au
Join us on campus

One of the best ways to find out about studying at UWA is to take part in the events we offer future students.

study.uwa.edu.au/events
### Course index

#### Undergraduate courses

- Aboriginal Health and Wellbeing
- Anatomy and Human Biology
- Biochemistry and Molecular Biology
- Exercise and Health
- Genetics
- Humanities in Health and Medicine
- Medical Sciences
- Microbiology and Immunology
- Neuroscience
- Pathology and Laboratory Medicine
- Pharmacology
- Physiology
- Population Health
- Psychological Science
- Psychology in Society
- Psychology (double major)
- Science Communication
- Sport Science
- Sport Science, Exercise and Health (double major)

#### Postgraduate courses

- Faculty of Engineering and Mathematical Sciences
  - Engineering – Biomedical
  - Medical Physics
- Faculty of Health and Medical Sciences
  - Aboriginal Health
  - Dental Medicine
  - Dentistry – Clinical
  - Emergency Medicine Research
  - Forensic Odontology
  - Health Professions Education
  - Infectious Diseases
  - Medicine
  - Mental Health Practice
  - Pathology
  - Pathology – Clinical
  - Pharmacy
  - Pharmacy – Clinical
  - Podiatric Medicine
  - Podiatric Surgery
  - Population Health Studies
  - Public Health
  - Research – Clinical
  - Rural and Remote Medicine
  - Social Work
- Faculty of Science
  - Adult Sleep Science
  - Audiology – Clinical
  - Autism Diagnosis
  - Biological Arts
  - Biomedical Science
  - Biotechnology
  - Dental Public and Primary Health
  - Dental Sleep Medicine
  - Exercise Physiology – Clinical
  - Exercise Science
  - Health Science
  - Psychology – Clinical Neuropsychology
  - Psychology – Clinical Psychology
  - Science
  - Science Communication
  - Sleep Science
  - Social Policy Practice

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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). Information in this publication is correct as of March 2019, but may be subject to change. In particular, the University reserves the right to change the content and/or the method of presentation and/or the method of assessment of any unit of study, to withdraw any unit of study or course which it offers, to impose limitations on enrolment in any unit or course and/or to vary arrangements for any course.