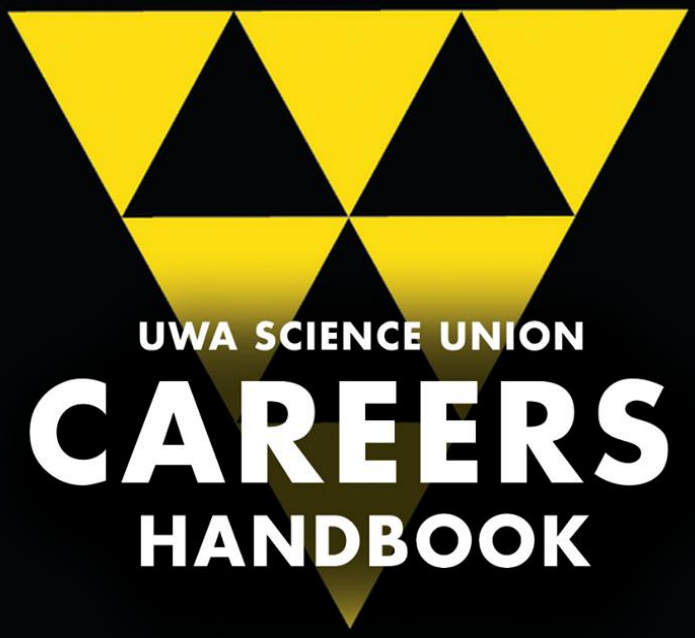

UWA SCIENCE UNION

CAREERS HANDBOOK

WWW.SCIENCEUNION.ORG.AU

“Whether or not you become a scientist, the basic understanding of scientific reasoning, methodology and principles that you obtain from your first degree in science will be of inestimable value to you.”

Robert French

Chancellor of University of Western Australia

Science Graduate of UWA

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MESSAGE FROM THE EDITOR

Welcome to the UWA Science Union Careers Handbook for 2018. The UWA Science Union is the 2nd oldest faculty society at UWA and represents all students studying science at UWA. We strive to offer students quality opportunities in both social and education contexts and we are committed to student representation, improving student engagement at UWA and increasing the vibrancy of life on campus.

This Handbook is useful for students at all stages of their studies; from helping you pick the right majors, to vital information on applying for vacation and graduate roles, and everything in between.

At today's Careers Expo, please take the opportunity to speak to every representative, regardless of your field of study. Studying science at UWA opens the door to many pathways, even those unexpected. The event provides the perfect opportunity for you to network and have your questions answered. Each representative will have a unique experience to share regarding the journey they travelled to get to where they are today.

The UWA Science Union is committed to ensuring students get the most out of their UWA experience and are confident stepping out into the workplace.

I strongly recommend that you, the reader, get involved in University life for the remainder of your time here. Science Union holds many events throughout the year, providing opportunities to not only have fun and meet new people, but also help develop the knowledge and skill to pursue your career. Our events are available on our website and you can find out more about us through our Facebook page (UWA Science Union).

If you have any questions about the contents of the handbook, or about the UWA Science Union, please do not hesitate to contact myself or anyone from the SU team!

All the best for your studies and beyond,

Himanshi Satnani

External Affairs Officer

21711648@student.uwa.edu.au

FIRST YEAR

Congratulations on making it through high school and successfully enrolling in science at UWA! Hopefully your year 12 subjects gave you some ideas about the topics you enjoy, and you have enrolled in units that reflect your interests. Whilst you still have plenty of time left at university, it's never too early to start exploring career pathways. Here are some ways you can get a head start in pursing your dream career:

- Start brainstorming your interests/career prospects
- Make sure you're enrolled in the correct degree and units
- Start researching a wide range of career pathways and make sure you're on track to meet any prerequisites
- Start looking into work experience and vacation work positions
- Get involved in extra curricular activities! Consider joining a sports club, a club committee, or volunteer. These things look great on your resume and are a great way to make new friends!
- Talk to as many people as you can, may it be people you meet at the library, to your tutor or your lecturer's after class. They can provide an insight on different career pathways the university has to offer.

SECOND YEAR

You're halfway through your degree, so its time to start thinking seriously about what career pathways you might want to pursue! Start making the most of the resources available to you, and gather up some detailed information regarding graduate employment or further studies. Make sure you are on track to meet any requirements set by employers or universities (Student connect). Remember, some graduate courses may require additional test scores (e.g. GAMSAT for Medicine) or a portfolio.

Keep in mind the following things as you head towards your third and final year:

- Start to build up a professional network. Knowing people in the industry will help you gain graduate employment and access to research projects. Many clubs on campus (including Science Union) run networking events to give students the opportunity to mingle with corporate representatives. Similar events are also run by the UWA Careers Centre. The UWA Careers Centre also runs a mentoring program, which is a fantastic way to meet industry professionals.
- Begin to narrow down your list of possible careers. Although having more than one option is advisable, you want to remain focused and not spread yourself too thin. Applying for graduate positions can be lengthy and tiring, and you want to have enough time to put forward the best application possible. If you're having trouble finding direction, try speaking to the career advisors at the UWA Careers Centre.
- Make sure to research the application process involved for the jobs you are interested in. Some may require you submit applications at the start of your final year, a reality many students don't realise until it's too late.
- Start to develop your job application skills. Start working on things like your interview skills and resume writing. It may seem tedious, but this is how you introduce yourself to future employers, so it's critical you stand out from the crowd.

NEED HELP DEVELOPING YOUR JOB APPLICATION SKILLS?
The UWA Careers Centre frequently runs free resume and interview workshops. Log in to Career Hub to find out more!

Final Year

As you prepare for what may be your hardest year at university, make sure you don't forget about seeking graduate employment. Most jobs and postgraduate degrees require you to apply in your penultimate year (second last year), so its important you keep on track with applications. While you're enjoying your last few days at the Tav or frantically cramming for your final exams, try keeping these points in mind:

- Typically, applications are open between March and October, with late applications rarely accepted. It's important you research the exact opening and closing dates for the various positions and post-graduate degrees you are looking to pursue, as they are likely to vary. Also, make sure you check the closing time as well as date, as some may be listed as Eastern Standard Time.
- When submitting applications, make sure you check whether you will be required to complete an interview, and when the interview period is. Some companies may conduct their interviews as early as June or July. If you know you may be required to complete an interview at a certain period of the year, make sure you haven't planned any holidays at that time as companies will rarely reschedule an interview because you are not available.
- Most importantly, don't lose sight of what you want to achieve. Whilst it can be stressful not to land your dream job straight away, always remember you can try again. Don't forget, there is always the option of further study, either at UWA or abroad.

SCHOOL OF AGRICULTURE AND ENVIRONMENT

Ranked as the **top university** to study Agriculture in Australia and the 14th in the world (2017 Academic Ranking of World Universities)

The school is strategically located in one of the world's biodiversity hotspots and is surrounded by a wealth of agricultural, natural and mining resources. Our teaching and research benefits from a network of both national and international collaborators and has a strong track record in PhD supervision and external research grant success.

Teaching and Research is translated into practice and policy through our strong industry and government links in areas related to agricultural and environmental management, regional development, and urban policy and planning.

The School is responsible for undergraduate majors (including honours) in Agricultural Science, Environmental Sciences, Geographical Sciences, Human Geography and Planning, Natural Resource Management, and contributes to the Marine Science and Agribusiness majors.

At a postgraduate level the School leads master's degrees in Agricultural Science, Agricultural Economics, Biotechnology, Environmental Science, Geographic Information Science, International Development, and Urban and Regional Planning.

Useful Links

School Homepage – http://www.science.uwa.edu.au/schools/agriculture-environment

Postgrad/Graduate Profiles - http://www.science.uwa.edu.au/schools/agriculture-environment/postgraduate

PhD Opportunities- http://www.science.uwa.edu.au/future-students/postgrad/opportunities/agriculture

Facebook - https://www.facebook.com/UWASAgE/

SCHOOL OF BIOLOGICAL SCIENCES

As biologist, we are passionate about how living organisms – plants and animals – live, work, sense the world around them, communicate, reproduce, and can be managed conserved and restored in threatened environments, as well as how they provide clues to advance medical science and treatment. We are also committed to the communication of science to the public and external stakeholder.

Our researchers tackle grand challenges in the laboratory and at the field sites across the globe, studying plans and animals in natural as well as managed environments, including below and on the ground and in the air as well as in fresh and marine waters. We use a wide range of populations and higher order ecosystems.

Understanding the vulnerabilities and resilience of a diverse range of species in different environment's is informing us all as global citizens to value and protect life on earth and ensure a sustainable future.

Research Disciples Available:

- Computational Biology
- Ecology and Conservation
- Evolutionary Biology
- Neuroscience
- Science Communication

Useful Links

School Homepage – http://www.science.uwa.edu.au/schools/biological-sciences

Postgrad Profiles - http://www.science.uwa.edu.au/schools/biological-sciences/postgraduate

PhD Opportunities - http://www.science.uwa.edu.au/future-students/postgrad/opportunities/biological

Facebook - https://www.facebook.com/UWA-School-of-Biological-Sciences-717046864979743/

SCHOOL OF EARTH SCIENCES

How does our planet work?

Earth Scientists focus their activities on the origin and evolution of Earth and other planets in our solar system. Our researchers are excited by diverse questions about the formation of Earth's continental crust over the last 4.5 billion years, the history of atmospheres and oceans, the record of biotic evolution from the early Earth to modern day, and the formation of important resources such as mineral deposits, petroleum and groundwater.

The geological and fossil record, together with our modern environments, are a natural laboratory to understand the large scale tectonic and climatic changes that have occurred through Earth's long history.

We also work with datasets that range in scale from global to microscopic, and even smaller using sophisticated instruments to examine Earth materials at nanoscale! Understanding how our planet has evolved through many extreme changes in the geological past, provides a scientific basis for predicting future environmental changes.

Research Disciples Available:

- Coral Reef Studies and Costal Marine Systems
- Early life and Biotic Evolution
- Geochemistry and Geochronology
- Hydrogeology
- Mineral Geoscience
- Petroleum Geoscience and Basin Analysis

Useful Links

School Homepage – http://www.science.uwa.edu.au/schools/earth-sciences

Research Topics - http://www.science.uwa.edu.au/schools/earth-sciences/research

PhD Opportunities - http://www.science.uwa.edu.au/future-students/postgrad/opportunities/earth

Facebook - https://www.facebook.com/UWAEarthSciences/

SCHOOL OF HUMAN SCIENCES

The School is ranked in the **world top 20 universities** for Anatomy and Physiology, and Exercise and Sport Science. It embodies exciting new developments in both research and teaching.

The School of Human Sciences is a large multi-disciplinary School with research and teaching focused on better understanding what it is to be human; our structure, function, development, genetics, adaptation, performance, and evolution.

Graduates will have a fundamental interdisciplinary understanding of human function and the manner in which it adapts to challenging and disruptive change. Students will be skilled, innovative, and integrative scientific thinkers, whose careers will be found in fields relating to human structure, development, and performance.

The School is responsible for majors in Anatomy and Human Biology, Exercise and Health, Sport Science and Physiology. It contributes to majors in Biomedical Science and Neuroscience, and from 2017 in Medical Science.

The School delivers master's courses in Anatomical Sciences, Biological Arts, Biomedical Science, Clinical Audiology, Exercise Science, Health Science, Human Biology and Work Health and Safety. The School also plays a key role in delivery of Doctorate programs in Medicine, Dental Medicine and Podiatric Medicine.

Research Disciples Available:

- Anatomy and Human Biology
- Exercise and Health
- Neuroscience
- Physiology
- Sport Science

Useful Links

School Homepage – http://www.science.uwa.edu.au/schools/human-sciences

PhD Opportunities - http://www.science.uwa.edu.au/future-students/postgrad/opportunities/human

Facebook - https://www.facebook.com/UWAanatomyandhumanbiology/

SCHOOL OF MOLECULAR SCIENCES

Molecular Sciences: From atomic interactions to complex biological systems.

UWA's School of Molecular Sciences provides an excellent environment for generating translatable, practical solutions to key global problems in agriculture, environmental science, biology, medicine and health, and engineering.

Spanning the fields of chemistry, chemical biology, biochemistry, molecular biology, molecular genetics, 'omics, nanotechnology, molecular materials, computation, synthetic biology and systems biology, our internationally-recognised experts publish in the best journals, hold patents, spin out companies and collaborate with industry, hospitals and community stakeholders.

The School, based in UWA's iconic Bayliss Building, supports a vibrant environment for multidisciplinary research, high quality PhD training and industry engagement. Our research-led, hands-on practical teaching programs prepare our undergraduate, honours and master students to make an impact in the chemical and biomolecular sciences.

Research Disciples Available:

- Biochemistry and Molecular Genetics
- Chemistry
- Multidisciplinary Research Hubs
- Industry and Community Partnership

Useful Links

School Homepage- http://www.science.uwa.edu.au/schools/molecular-sciences

PhD Opportunities http://www.science.uwa.edu.au/future-students/postgrad/opportunities/molecular

Facebook - https://www.facebook.com/UWASMS/

SCHOOL OF PSYCHOLOGICAL SCIENCES

Psychology is the scientific study of mental processes.

Psychologists seek to answer questions about how and why people behave the way they do.

Our research is at the forefront of global developments in contemporary psychology. We are one of only two schools in Australia to attract the top rating of 5 ('well above World Standard') in all three Commonwealth Excellence in Research for Australia (ERA) assessments to date.

Research Disciples Available:

- Biological Psychology and cognitive neuroscience
- Clinical Psychology and Clinical Neuropsychology
- Cognitive Science
- Development Psychology
- Industrial/ Organisational Psychology and Human Factors
- Perception

Useful Links

School Homepage – http://www.science.uwa.edu.au/schools/psychological-sciences

PhD Opportunities - http://www.science.uwa.edu.au/future-students/postgrad/opportunities/psychological

Facebook - https://www.facebook.com/UWAPsychology

Skills developed by Undergraduate Study

Students studying a Bachelor of Science at UWA have the opportunity to select one of 32 majors as their degree-specific major, from computer science to anatomy. Complementing their degree-specific major with any second major across all faculties, our students have an established set of unique skills, both technical and transferrable. It is these skills that make them not only a valuable asset in the science industry, but more broadly, in any field.

Effective Communication - Science students are encouraged develop strong written and oral communication skills through lab reports and oral presentations. These skills demonstrate to employers you are confident enough to effectively express your ideas clearly in both speech and writing.

Inquiry and critical thinking - Throughout their degree, science students are taught critical thinking skills through problem solving and self-learning activities. By demonstrating you have the ability to think critically, employers understand you are able to think logically and independently.

Ethical, social and international understanding - UWA students are required to complete a series of broadening units which allow them to develop broader knowledge and an understanding of the international workplace. This demonstrates to employers that you understand the world around you, and have knowledge beyond your immediate major. This skill is also particularly relevant for students who participated in the UWA Study Abroad Program.

Management of self, others and tasks - This is particularly relevant for those who have completed an honours year. By demonstrating you are able to manage yourself and your time effectively, you indicate to employers that you are able to work independently when required, meet deadlines, and can plan project timelines. Students are encouraged to work in groups in lab reports, assignments, and fieldtrips. This demonstrates to employers you have the ability to work collaboratively and confidently within a group setting.

Quantitative Literacy – science students throughout their degree are expected to collect, organise, analyse and interpret data in a meaningful way, using mathematical and statistical tools as appropriate to the discipline of specialisation

Information and Communication technologies literacy – students are expected to use a range of sources to find the information desired and evaluate its content within the desired context. Using a variety of programs, students make effective use of the technology to process data.

CHECKLIST FOR SUCCESS

Realise what you want

Make a list of everything you want in a job, this will help you narrow down the jobs you should apply for. You should also consider your interests, strengths, values, and personal style when researching employment opportunities. There is no point securing a job if you won't enjoy it in the long run.

Clean up your social media

Chances are, future employers will search for you on Facebook, Twitter, etc., and this may impact their perception of you. Make sure your privacy settings are secure and un-tag or delete any pictures or statuses you don't want to be seen. Don't forget, social media can also be used to your advantage. 'Like' pages on Facebook that relate to your job interests. Consider setting up a profile with careers sites such as LinkedIn, although remember to keep your profile purely professional!

Network

Approximately 60% of graduate positions suitable for science students are not formally advertised. Therefore, its important that you create a professional network so you can learn about job opportunities when they arise. You may also wish to get a mentor. Not only will a mentor be able to answer your questions, but they will also provide you with extremely valuable industry connections. Remember, your lecturers are active in the industry, so use them to your advantage!

Ensure your resume captures what makes you, you

It sounds trivial, but this is very important! An employer would want to spend no more than 30 seconds looking at your resume, and by the end of either your summary, or educational overview, should understand roughly what makes you tick. By the time they've seen work experience (especially if it's related to the job you apply for), they should be able to understand how your time at university has shaped you as a person, and why you're different to every other person applying for that job.

Keep your resume clean and concise

Make sure your resume is no longer than two pages, although a one pager will often do the job just fine, encouraging the reviewer to consider all the information. Keep bullet points even, dates of employment clear, your name and contact details obvious at the start, and formatting consistent throughout – if you seem professional and meticulous in your resume, it's a greater sign you'll probably be that way should you be employed!

Address key skills that employers would hire you for

Employers want to see that you've been active contributors and team players, so demonstrate that when explaining your degree, work experience, and extra-curricular you solved problems, had an impact, and worked collaboratively. Use 'active' words (developed, constructed, implemented etc.), quantify your projects, and demonstrate key responsibilities – all to show off how those skills you learnt are beneficial to the employer's organization.

Ask for feedback

By no means are we advocating that you feel forced to share your amazing resume with the rest of the world, but seek out family, trusted friends, professors, and connections in industry/ research to give your resume a quick once-over and tell you where you can improve. An outside view can always pick up on details you may not have found important, or suggest where you can clarify key points.

An interview is quite a daunting process – but it's always made easier by preparing extensively, and thinking about why you really want the job. It's always far easier to convince someone you're passionate about working for an employer if you really are!

When preparing for an interview, always consider what type of meeting you have set up – is it a formal interview, or more of a conversation? Is it a technical interview (where you show off your knowledge), or more behavioral (where you explain the sort of person you are)? Is the interview time-limited? What level of seniority is the interviewer? These questions will all help to inform your preparation.

There are often sets of key questions to try an answer before any interview, which are likely to come up in some form:

- Why do you want a job here, and in this area of work?
- What would you bring as a candidate, different to anyone else?
- Why have you applied for the division/ research area you have?
- When is a time you've worked well in a team, or faced a challenge? How did you resolve it?
- What do you consider a key strength and key weakness?
    - Pro-tip: Don't make your key weakness a 'strength-in-disguise', like 'I work too hard'. Try and show you recognize your weaknesses, and are trying to improve that trait.
- Tell me a little bit about yourself?
- Where do you see yourself in 5/10/20 years?
    - Pro-tip: Discuss your desire to grow, and develop with a company, and how they can help you reach your goals.

Write down 2-3 key points you want to cover for each question, and think about what examples you can use to show you 'at your best', and how you thought through different solutions, coming to the conclusion you did.

Make sure you finish off the interview on as positive a note as possible – it also helps if you have a few questions to ask the interviewer about their job, and what they do for the company – it helps you to engage with them, and make the process more conversational! **Good luck!**

Interviews are times to get to know you, so explain your thought process, and invite questions asking for clarification as well!

Make sure you finish off the interview on as positive a note as possible – it also helps if you have a few questions to ask the interviewer about their job, and what they do for the company – it helps you to engage with them, and make the process more conversational! Good luck!

EMPLOYMENT OPPORTUNITIES FOR SCIENCE GRADUATES

Types of Industries

According to the Australian Graduate Survey conducted by GCA, the main industries for employment for students who graduated with a Science-related major are:

Education

- higher education and vocational training
- primary and secondary education

Government

- defence and intelligence agencies
- federal, state and local government departments
- public order and safety services

Health, Medical and Pharmaceutical

- allied health services
- hospitals, pathology and diagnostic imaging services
- pharmaceutical and medicinal product manufacturing
- sports and physical recreation activities

Manufacturing

- agriculture, food and beverage production
- building and construction
- engineering consulting, design and production
- gas, oil and mining

Once you know of the industries that interest you, your attention should then focus on the types of occupations that fit within these.

Work Integrated Learning and Work Experience

Programs include: cadetships, cooperative programs, internships and scholarships in fields relating to study. Recruitment usually targets students in their penultimate year and vary in length from vacation to full year. Programs provide benefits such as: relevant work experience, participation in training and mentoring schemes, increased knowledge of suitable industries, an opportunity to network with employers of Science graduates, improved likelihood of gaining graduate employment and on occasion, credit towards a university course.

Keep an eye on the UWA Career Hub website for upcoming recruitment drives and be sure to attend Career Fairs when available.

Science Union will be holding their Careers fair on _____

Volunteering

Volunteering is highly regarded by employers – contact Guild Volunteering to stay up-to-date with opportunities.

http://www.volunteering.guild.uwa.edu.au/

Work Integrated Learning and Work Experience

Programs include: cadetships, cooperative programs, internships and

Tips when starting:

- Talk to someone who is currently in a position that interests you. This will help you learn more about the role and build up your network of contacts.
- Keep up-to-date with the latest scientific developments, both generally and in your particular area of interest.
- Be realistic about the jobs you look for and about the time it takes to find work. Remember that one position can be a stepping stone to another more appropriate one. Work and institutional experience count for much once you are out in the labour market.
- Research organisations in which you are interested before applying. Try to find a work environment in which you will be comfortable.
- Business skills such as budgeting, project management and presenting or promoting ideas are becoming increasingly important in many organisations and industries. Try to develop these skills where possible.
- Make sure your résumé is tailored to the job for which you are applying and in particular highlights your relevant experience and transferable skills.

WANT TO NETWORK AND LEARN MORE?
Science Union will be hosting a Networking Cocktail on the 17th August (Friday Week 3)

HONOURS

At the completion of a Bachelor of Science at UWA, most science majors also give students the opportunity to complete an honours year. This final year of study usually involves a combination of course work and dissertation (research), and is both a challenging yet rewarding experience. By completing an honours year, you are able to demonstrate to future employers you are a dedicated and high-achieving student. Typically, honours is only available to students who achieve at least a 65 per cent weighted average in the level 3 units of the major they wish to complete honours in. If you are looking into pursing postgraduate research, honours are the next essential step.

Under the Faculty of Science there are two possible honour's that can be completed:

- Honours in Bachelor of Biomedical Science (Medical Research)
- Honours Bachelor of Science (Topics Listed on following page)

Honours are available through most schools under the Faculty of Science. Please note some majors fall under the schools relating to the Faculty of Medicine (School of Pathology and Laboratory Medicine, School of Pharmacology and Medicine), and may have different regulations regarding honours. It is also possible to undertake honours through external institutions whilst still being enrolled as a UWA student. Regardless of where you wish to undertake your honours, it is important you start looking into it early. During your final undergraduate year, you should start looking at the projects available to students studying your major and see what interests you. You should contact the relevant superiors about their work, and express your interest in their field of research. This is important as researchers are more willing to take on students who have shown interest and enthusiasm in their research prior to the application deadline.

Useful Link

http://www.science.uwa.edu.au/future-students/honours

Topics for Honours in Bachelor of Science

- Agricultural Science
- Anatomy and Human Biology[1][3]
- Biochemistry and Molecular Biology[1]
- Botany
- Chemistry[1]
- Computer Science and Software Engineering
- Conservation Biology
- Engineering Science
- Environmental Science
- Genetics[1]
- Geographical Science
- Geology
- Marine Science
- Mathematics and Statistics
- Natural Resource Management
- Neuroscience[1][3]
- Physics
- Physiology[1][3]
- Population Health[1]
- Psychology[2]
- Science Communication
- Sport Science, Exercise and Health[3]
- Zoology

https://study.uwa.edu.au/courses-and-careers/honours

[1] Only available for Semester 1 commencement.

[2] Psychology Honours: Note that Semester 2 students can only study Psychology part-time and if places are available. UWA graduates: you must take up Psychology Honours within the course with the same name as your bachelor's degree. For example, if you studied Psychology under the Bachelor of Arts, you must apply for the Bachelor of Arts (Honours). Ensure you read the School of Psychological Science's full set of requirements for honours.

[3] Applicants are required to secure a supervisor prior to submitting an application.

Useful Links

Postgraduate Courses (Faculty of Science) - http://www.science.uwa.edu.au/courses/postgrad/coursework

Postgraduate Research - http://www.science.uwa.edu.au/courses/postgrad/research

Postgraduate Courses (Faculty of Medicine, Dentistry and Health Sciences) - http://www.meddent.uwa.edu.au/courses/postgraduate/coursework

Below is a list containing some of the 'professional' degrees available through various faculties at UWA. Further information available at: http://handbooks.uwa.edu.au/postgraduate-courses

- Master of Pharmacy
- Doctor of Clinical Dentistry
- Doctor of Medicine
- Doctor of Clinical Podiatry
- Juris Doctor (Law)
- Master of Professional Engineering
- Master of Architecture
- Master of Clinical Audiology
- Master of Landscape Architecture
- Master of Social Work
- Master of Teaching
- Master of Clinical Psychology
- Master of Industrial and Organisational Psychology

RESOURCES

- My Skills - Online information about vocational education and training options.
- Job Outlook is a careers and labour market research information site to help individuals decide on their future career.
- Australian Job Search - Australia's largest free online jobs website.
- jobactive - Australian Government employment services system that supports job seekers and employers.
- Bullseye posters - School subjects you like and jobs they can lead to.
- myfuture.edu.au - National career information and exploration service.

University Wide Clubs and Societies

UWA Student Guild

Facebook.com/UWAStudentGuild

Postgrad Students Association (PSA)

Facebook.com/uwapsa

Faculty Wide Clubs and Societies

Science Union (Faculty Society)

Facebook.com/ScienceUnionUWA

Gender Equity in Science Group

Facebook.com/groups/1458613251129197

Students of Natural and Agricultural Sciences (SNAGS)

Facebook.com/snagsuwa

Discipline-specific clubs and societies

CHeMnBiO

Facebook.com/CHeMnBiO

UWA Psychology Society (PsySoc)

Facebook.com/UWAPsySoc

Science Communication Society

Facebook.com/SCSUWA

Physiology and Human Anatomy Club (PHAC)

Facebook.com/PhacUwa

UWA PSYCHOLOGY SOCIETY (PSYSOC)

What is your club, who do you represent and what do you provide for your students?

PsySoc is a discipline club that caters for psychology students at the University of Western Australia. This is students studying either of the undergraduate majors (Psychological Science or Psychology in Society), or pursuing their honours and postgraduate studies.

We provide a base where psychology students can meet other psychology students, gather information about studying psychology, and be informed of opportunities/events happening outside of the general curriculum.

What further study opportunities are there for your degree at UWA?

There are many further study opportunities available to students upon completion of a Bachelor's degree with a double major in Psychology. For students wishing to remain on the pathway to professional registration as a psychologist, UWA offers a 4th-year accredited Honours degree and a range of postgraduate professional programs in Clinical Psychology, clinical Neuropsychology, and Industrial and Organisational Psychology. The Graduate Diploma in Education (School Psychology) is also available to students upon completion of an Honours degree. For students not wishing to remain on the pathway to professional registration as a psychologist there are numerous study options available including:

- Higher Degree by Research / PhD (*requires Psychology Honours)
- Graduate Certificate in Autism Diagnosis (*requires Psychology Honours)
- Master of Business Psychology
- Graduate Certificate (e.g. Adult Sleep Science; Paediatric Sleep Science; Business; Mental Health Practice; Social Policy Practice)
- Graduate Diploma (e.g. Science Communication; Sleep Science; Work Health and Safety)
- Masters by Coursework (e.g. Social Work; Human Resources and Employment Relations; Public Health; Science Communication)

What other opportunities are there elsewhere?

Other universities offer degrees for students wishing to remain on the pathway to professional registration as a psychologist and these may include Graduate Diplomas of Professional Psychology, Professional Masters degrees, Professional Doctorates and Combined MPsych/PhD degrees. Students may also wish to pursue other areas of study such as counselling, psychotherapy, speech therapy or occupational therapy at other institutions.

What career paths exist for your majors?

Many graduates of psychology find employment in fields such as:

- Community, health and welfare services' Business, human resources and marketing
- Program, policy and research support
- Education
- General management
- Graduate programs

The Australian Psychological Society provides a number of resources on pathways for those with a qualification in psychology

PsychXchange is a resource which provides recruitment and business opportunities for psychologists – www.psychxchange.com.au

How might your skills be useful in other fields?

An undergraduate degree in psychology equips graduates with a range of skills that employers value highly. These include the ability to

- Apply psychological principles to personal, social and group issues
- Plan, implement and evaluate research
- Think critically and creatively, and use scientific methods to solve problems
- Communicate effectively in a variety of formats and settings
- Act professionally within an ethical framework

'A student's advice for your career'

It is always great to start making connections with people who are in the industry you are aiming to go into. You can do this in several ways, such as volunteering at different organisations and making sure you keep up to date with what is happening at university and if any career experts might be visiting. Be proactive and talk to as many people as you can, as you never know who you could be working with one day!

If any, what accreditation do your majors provide?

Our Psychology double major is an Australian Psychology Accreditation Council (APAC)-accredited three-year sequence of psychology study and is the first step towards registration as a practicing psychologist, or towards a career as a research psychologist. The double major can be completed within a BA, BSc, BPhil or a graduate-entry Diploma in Science.

Our Honours degree is an APAC-accredited fourth year of psychology study, and is a prerequisite for further studies in Psychology that lead to professional registration as a psychologist.

Our professional postgraduate programs in Clinical Psychology, Clinical Neuropsychology and Industrial and Organisational Psychology are APAC-accredited, approved by the relevant Australian Psychological Society College, and recognised by the Australian Health Practitioner Regulation Agency (AHPRA).

SCIENCE COMMUNICATION SOCIETY

What is your club, who do you represent and what do you provide for your students?

We represent all students doing a science communication (SCOM) unit, with a focus on those enrolled in the major. We provide social activities so you can get to know your peers, and events to help minimise stress.

What further study opportunities are there for your degree at UWA?

Honours/Masters in Science Communication.

What other opportunities are there elsewhere?

There are a few universities across Australia (and more through the world) that have degrees for SCOM. One of the most notable is Questacon that is run through ANU. This is where you travel through Australia whilst performing science shows and workshops for a diverse range of schools and communities.

What career paths exist for your majors?

Many of our graduates work for places in Perth like Perth Zoo and Scitech, as well as outreach teams and the ChemCentre, just to name a few.

How might your skills be useful in other fields?

It's no doubt that communication is one of the key things that employers look for, and even here in Perth some are asking for experience/studies in science communication. A lot of students may also be studying a science degree that they like, but don't want to be doing research. SCOM is the prefect way to help you avoid that, but also perfect to help you excel in research.

'A student's advice for your career'?

Talk to people! One of the best things about SCOM at UWA is the staff - they are always so approachable and helpful. If you ever have any questions I suggest speaking to your unit coordinator or tutor, or contacting someone from the club.

If any, what accreditation do your majors provide?

Besides the degree itself, it's a really easy way to show off your communication skills. Plus, in many of the units you will end up with something to show for it, such as a consultancy report or a short movie.

WOOLNOUGH SOCIETY

What is your club, who do you represent and what do you provide for your students?

Our club is the Woolnough society, and we represent the Geology students of UWA. Woolnough runs events and activities to benefit our members both socially and professionally - such events include an annual industry night, wine and cheese night, quiz night and cocktail night, as well as numerous fieldtrips.

What further study opportunities are there for your degree at UWA?

The School of Earth and Environment has several great post-graduate options to complement their undergraduate degrees - and the honours programs and masters programs alike are catered towards teaching industry-relevant skills.

What career paths exist for your majors?

The geology degree at UWA prepares you for many possible career paths. The independent nature of the learning process within the course enables earth science students to undertake rigorous field work job opportunities, and the highly theoretical understanding developed enables both academic- and business-oriented career paths.

How might your skills be useful in other fields?

Geology is a broad discipline that can be pursued in a number of ways: chemical, physical, structural and economic. At its core, a degree in geology develops key skills applicable in many scientific fields. Due to the many different fields of science that must be understood to comprehend geological processes, earth science students are capable pursuing careers or further studies over a wide range of fields.

A student's advice for your career?

My advice to building towards a successful career is to be constantly building towards a library of contacts. Within the professional environment, it is easy to get lost and it's a significant help to have a professional within the industry that can steer you in the right direction. The resources sector is also highly cyclical - and so it's not always about what you know. Take the initiative to go to industry-related events as the people you meet now can help secure you a job position later.

THE UWA ZOOLOGY CLUB

What is your club, who do you represent and what do you provide for your students?

The Zoology club supports Zoology and Conservation Biology students throughout their degrees and connects them with local conservation groups as well as opportunities to enter careers in the animal and conservation field. Through our efforts this year, we have had over 100 students join our club, and we have been able to extend this volunteer base successfully to local conservation organisations such as the Darling Range Wildlife Shelter and Penguin Island to support them in their conservation projects. As well as this we run fun events such a quiz nights and bubble soccer.

What further study opportunities are there for your degree at UWA?

After undergrad you can do an honours with a research project (one year) or you can do a masters of biological science in coursework or research (one and a half years if you specialise in zoology, two for other biological sciences I think unless you get credit for undergrad units). After honours or masters you can do a PhD or you also have the opportunity to become a research assistant.

What career paths exist for your majors?

Zookeeper at Perth or other Zoos, Climate Council, volunteer/non profit programs, and research.

How might your skills be useful in other fields?

Science communication is essential in all fields of work, as it can help to get across an important message. Hands-on work can encourage leadership and teamwork.

A student's advice for your career?

If you have a passion for saving life on Earth and promoting conservation for generations to come, zoology is for you!

If any, what accreditation do your majors provide?

Effective science communication, use of R studio/excel to plot and present data points, and an understanding of all forms of animals, and how we can go about saving them from the human race.

PHYSIOLOGY AND HUMAN ANATOMY CLUB (PHAC)

What is your club, who do you represent and what do you provide for your students?

What further study opportunities are there for your degree at UWA?

What career paths exist for your majors?

How might your skills be useful in other fields?

A student's advice for your career?

If any, what accreditation do your majors provide?

CHEMNBIO

What is your club, who do you represent and what do you provide for your students?

What further study opportunities are there for your degree at UWA?

What career paths exist for your majors?

How might your skills be useful in other fields?

A student's advice for your career?

If any, what accreditation do your majors provide?

THE PHYSICAL EDUCATION STUDENTS' ASSOCIATION (PESA)

What is your club, who do you represent and what do you provide for your students?

What further study opportunities are there for your degree at UWA?

What career paths exist for your majors?

How might your skills be useful in other fields?

A student's advice for your career?

If any, what accreditation do your majors provide?

PHYSIOLOGY AND HUMAN ANATOMY CLUB (PHAC)

What is your club, who do you represent and what do you provide for your students?

What further study opportunities are there for your degree at UWA?

What career paths exist for your majors?

How might your skills be useful in other fields?

A student's advice for your career?

If any, what accreditation do your majors provide?