

fueling
the **curious**
mind

University of Wollongong



2011 FUTURE FINDER
SUBJECT SELECTION, GETTING
INTO UNI AND SCALING

Contents

02	Where are you now?
04	Who are you?
05	Where do you want to go?
06	FAQ
08	Why choose UOW?
10	Getting into Uni
11	How to use this book
14	Arts
16	Commerce
18	Creative Arts
20	Education
22	Engineering
24	Health Sciences
26	Informatics
28	Law
30	Science
32	Double Degrees





fueling the curious mind

A truly curious mind can turn a simple answer into a brilliant question. And all the best questions lead to more questions. There's always more to learn.

At UOW, we offer your curious mind more ...

where are you now?

You're approaching the end of your compulsory secondary education. For the first time, important choices about your education and your future are officially in your hands, and it will pay to make informed decisions. Making sensible choices that are right for you will help keep your options open.

Here are some things you can do to help the decision-making process:

The Final Years

While it's important to think about the future, you'll need to focus on your final years at school and perform your best, and it's never too early to start forming good work and study habits. School can sometimes be stressful for any number of reasons, some of which you can't predict. However, with a little planning and discipline, you can make the most of your time at school, and prepare yourself for the big hurdles like exams.

Maintaining Balance

It's important for you—particularly in senior high school—to maintain a healthy balance between the different elements of your life. Good time management skills will help you make the most of every day and these skills become very important for university students.

CREATE A STUDY ROUTINE

Set aside a particular time of the day for study, revision or homework, and do your best to stick to it. A disciplined approach to regular study will help to improve your performance at school. It will also make it easier for you when it comes to exams.

MAKE TIME FOR FUN

Don't neglect to make time for leisure and relaxation. Reward yourself for studying, maybe with time off with friends, or watching TV. Playing regular sport or exercising is also a great idea, as it will raise your energy levels and release tension. Team sports have the added advantage of combining both a social and fitness activity. Keeping yourself healthy and happy will help you perform academically, not to mention making your time at school more fun.

KEEP IT IN PERSPECTIVE

Don't allow any one aspect of either your academic or personal life to consume you. Time management isn't an easy skill to master, but there are simple things you can do to help maintain a balanced perspective on things. The most basic (and perhaps most useful) of these is to make 'to do' lists. This will help you keep track of how you're making use of your time, and give you a realistic picture of how much is left to be done.

Time management means figuring out what's important, and when it needs to be done. Sometimes it will mean saying no to friends who want to socialise

when you need to study. Sometimes it will mean making sure time is set aside for fun or sport, so your lifestyle maintains the right balance.

Surviving Exams


Tests and exams are a particular challenge, and there are some techniques that can make them less stressful:

BE PREPARED

Maintain regular study habits and you won't find yourself trying to cram an entire term's revision into a week—or worse, a single night. Make sure you have all the necessary equipment before a test, such as comfortable pens, or an approved calculator. Do your best to maintain a healthy sleep pattern in the days leading up to an exam—something that will be easier if you don't have to stay up until the early morning cramming. Eat a healthy breakfast the morning of your exam, and get there on time so you're not starting feeling rushed or flustered.

DON'T PANIC

Plan your time before you start answering questions. Make sure you've read the paper carefully, and check the



reverse sides of pages—there’s nothing worse than finding a whole unanswered question you didn’t realise was there, with two minutes left before pens down. Don’t get bogged down with questions you’re having trouble answering—and never skip a tough question altogether. In both cases, you should make the best answer you can and move on—you can always come back later if you have time, and if you haven’t put anything down, you can’t receive any marks.

DOUBLE-CHECK

Try and leave yourself time to read your answers before you submit the exam. You might catch simple mistakes that could cost you marks. Clarity is important: for longer response questions, if you have trouble following your answers, the person marking it will probably have the same problem. Check that your answers are not only correct, but that they flow.

For more study tips, and other advice on high school studies in general, we recommend you visit the NSW Department of Education and Training website at www.schools.nsw.edu.au/gotoschool/highschool

who are you?

Identify your strengths and your interests—and take special note of which things fall into both categories. When it comes to your academic strengths, you'll probably have a pretty good idea what you're good at by now. Having said that, it's always advisable to discuss Year 11 & 12 subject selection with your Careers Adviser and teachers. They may be able to help you identify things that you had not considered.

Investigate the required qualifications for careers that might interest you. If possible, speak to someone who specialises in an area that interests you and ask them about their job. Visit them in their workplace or arrange work experience. See if you can picture yourself in that field.

Choosing Subjects for the HSC

Don't choose subjects that are seen as being 'scaled highly' or 'scaled up'. Scaling is calculated every year, based on the performance of that particular group of students, therefore the previous year's scaling for a particular subject will in no way affect how it is scaled for you. You may identify trends in scaling for a particular subject, but it is no guarantee it will be 'scaled up' for you.

In fact, the whole point of scaling is to level the playing field, so your performance is what counts, not the fact that you took (or didn't take) a particular subject.

The most important thing to consider when choosing your subjects is to pick things that you are good at, that you like, and that are related to what you want to work towards in the future. If you choose subjects that are beyond your ability or subjects you don't like, it is unlikely you'll perform well, regardless of how it is scaled.

It is not advisable to choose subjects based on any of the following:

Your Friends

Your friends often have different abilities, interests and motivations from yours.

Your Teachers

Don't select a subject because your favourite teacher may be teaching it. Teachers are often given other classes or change schools.

Easy Subjects

None of the subjects you will be able to select from are 'easy' subjects. Your success in any subject depends on your commitment and enthusiasm.

Boy subjects / Girl subjects

There are no separate subjects for boys or girls. If you are good at or interested in a subject, then it is for you.

What is an ATAR?

The ATAR (Australian Tertiary Admission Rank) is calculated on the New South Wales HSC, and is a ranking of all Year 12 students completing the HSC that year who qualify. Universities use the ATAR to rank applicants. In most cases, you will need to achieve the minimum ATAR rank (or equivalent) that applies to your chosen degree, in order to successfully gain a place at university. The ATAR cut-off advertised for a particular

course at a university reflects demand for the course, not the quality or difficulty of the course. Additionally, ATAR cut-offs are calculated separately for each university, so the same course might have different cut-offs at two different institutions.

The ATAR is not a score, it is a rank that positions you relative to all qualifying students sitting the HSC in your year and is based on your overall performance. For example, an ATAR of 75 means you have performed better than 75% of the students eligible to sit the HSC or equivalent.

For more information on scaling and the ATAR, please visit the Universities Admission Centre website at www.uac.edu.au

What is Scaling?

Scaling enables universities to accurately compare and rank students for entry into university. It creates an even playing field for all HSC candidates, allowing universities to properly and fairly compare students who have studied different HSC subjects.

Even if you don't think that university is the right choice for you now, it's worth investigating all your options, because you may want to pursue university studies at a later date.

where do you want to go?

Once you've thought about who you are and where your strengths lie, you can start to think about where you want that to take you.

Remember that no matter what you choose now, options for further education will remain open to you throughout your life.

Those who complete their HSC now and are accepted to a university sometimes have the option to defer, and take a year to work or travel (also referred to as a 'Gap Year'). Some people gain an undergraduate degree straight after completing school, and, years later, return to complete a Masters or other postgraduate degree to open avenues for further career advancement. There are even pathways to uni without completing the HSC—for more information on these, see page 10.

Going to University

There are many reasons to consider studying at university. Here are just a few:

GETTING A JOB

Going to university can be one of the most empowering things you'll do. Australia's job market is competitive and will stay that way. There's sometimes a small difference between getting the job you want, and getting any job you can. A relevant university degree can be a big advantage in your favour.

University study gives you skills and knowledge useful in a wide variety of work settings. You'll develop research, teamwork, communication, time management, analytical and problem-solving skills, all of which are attractive to potential employers.

GETTING A LIFE

You have great opportunities for social and personal growth at uni. You'll have a chance to meet people from all over the country—and the world—and make friends for life. You'll have a chance to join or start clubs and societies, and meet like-minded people who share a passion, from sport to music, theatre to finance.

MOVING ON

Study at university is a time to gain independence. Not only will you be controlling your education and your life, you'll be encouraged to take an interest in issues affecting students. You can even run for the student council of your university and take a hand in student affairs.

For many people, especially students from regional Australia, studying at university means moving out of the family home. This can be a big step, but can also provide many exciting opportunities. Whether renting a share house or apartment in the local town, or staying in a university residence, students moving to a new town will discover many new opportunities for study and having fun.

Choosing a University

Choosing which university to attend is an important and challenging decision. There are a few things you can do to make the decision easier:

DIFFERENT UNIVERSITIES

Go to different universities' stands at career markets. Talk to the advisers and read the course brochures. Find out which universities offer the course or courses that you're interested in, and the lifestyle you think will suit you best. Similarly, if you know someone who has studied or is studying an interesting program at uni, talk to them about their experience.

VISIT UNIVERSITIES

Attend university campus tours and information evenings. The best way to get a feel for an institution and what it might be like to study there is to actually look around the place and speak to teaching staff and students.

DIFFERENT COURSE OPTIONS

There are many ways to get where you want to go. For example, if you want to be an accountant, some universities may offer a Bachelor of Accounting, while at others, you would need to enrol in a Bachelor of Commerce or Business, with a major in Accounting. These degrees have the same outcomes, but different names. Consider this when you're searching for information.

faq



Do You Have to Go to Uni Straight After School?

No, you don't have to go to uni straight after school. You can choose to enter the workforce, study elsewhere (e.g. TAFE or at a private college) or take a year off to travel. You can always decide to go to uni later in life. If you do decide to apply for uni straight after school and then change your mind, you can defer—at UOW, you can defer your place for up to one year. Note, however, that you cannot defer your place in any Creative Arts programs, nor any scholarship.



Do You Have to Go to Uni Every Day?

No. Classes are held from Monday to Friday, but you only attend classes in which you're enrolled. The number of subjects you do every session (semester) can vary; a typical full-time load will be three to five subjects a session, but this will vary from student to student. Your timetable will change accordingly—you may be able to arrange it so you're only attending uni three days a week. However, your days will probably be pretty full, and you may have to attend classes any time between 8.30am and 8.30pm.

Because you don't have to be at uni every day of the week all day long, it is quite possible to hold down a part-time job—many university students do.



What Subjects Can I Study at Uni?

It varies from degree to degree. Normally a degree will be a combination of subjects that are compulsory, and electives (subjects you choose). Generally speaking, students find they enjoy studying at uni more than studying at school, because they've chosen a degree and electives that interest them.



Isn't Going to Uni Expensive?

All undergraduate places at UOW are Commonwealth supported places. On average, the Australian Government contributes about three-quarters of the total educational costs provided for Commonwealth supported students; you pay a 'student contribution' to cover the remaining costs of your course. All students also have to pay for their own individual educational materials (such as textbooks). For more detailed information on the costs associated with studying at UOW, please visit www.uow.edu.au/student/finances



How Long Does a Degree Go For?

The length of a degree will vary due to a number of factors, but for every degree there is a normal duration it will take to complete for a student studying full-time. Many Bachelor degrees take three years to complete—however, you should always check with the university you'll be studying at for each course you're interested in, to find out how long the course will take.



What is the Likelihood of Getting a Job After You Graduate?

The statistics for employment rates of university graduates vary from course to course, and uni to uni. Generally speaking, however, university graduates have higher employment rates and salaries than people who did not complete studies at a university (according to information from the Australian Bureau of Statistics). For more detailed information about employment rates and starting salaries for graduates of a particular course, you are best to contact the university where you intend to study.



Are There Many Scholarships Available?

There are many different types of scholarships available to students studying at the University of Wollongong. They are available to many different types of people, not only academic high-achievers. For more information on the types of scholarships available, and who is eligible to apply for them, please visit the UOW scholarships page at www.uow.edu.au/about/scholarships



What is Early Entry?

The Early Entry program at UOW allows current Year 12 students to apply for Early Entry into a number of degrees prior to ATARs being released. Successful applicants receive either a guaranteed place or an offer that is conditional upon the results of their HSC final exams.

Entry is based on academic record and an interview. For more information on the University's Early Entry program, please visit the website at www.uow.edu.au/future/earlyentry



What's HECS (or HECS-HELP)?

HECS stands for Higher Education Contributions Scheme, which is part of HELP (the Higher Education Loan Program). HECS-HELP is a loan that helps eligible Commonwealth supported students to pay their Student Contribution Amount, which is paid back by a student through the taxation system, after they graduate and find a job.

Student contributions will vary according to the course. Australian citizens and holders of a permanent humanitarian visa may pay some or all of their student contribution up front and/or they may access a HECS-HELP loan to cover some or all of their student contribution.



What's International Exchange?

International exchange is where you can study overseas at another university, usually for six months or a year. In many cases, what you study overseas can count towards your degree in Australia. This is a popular way of seeing the world without necessarily delaying your graduation from uni.



What's the Difference Between Arts and Creative Arts?

Creative Arts at UOW refers to primarily creative disciplines, such as visual arts, performance, music, creative writing or graphic design. Arts degrees are those concerned with humanities and social sciences, and include study areas like modern languages, history, politics, social sciences, literature, and media studies.



Is it Hard to Transfer Degrees Once I'm at Uni?

The difficulty of transferring degrees will vary from each individual circumstance to the next. From a technical point of view, transfers between 'similar' degrees are fairly straightforward (for example, transferring between disciplines within the Faculty of Arts). Transferring between two very dissimilar degrees (e.g. from Civil Engineering to Performance/Drama) would be more difficult. There are other factors to consider as well, including external demands like the number of new students applying through UAC and total places available in the course

you're trying to transfer to. Students wishing to transfer also have to meet with and gain the approval of academic staff to make the change. Transferring will sometimes increase the time it takes to complete your university studies—however, it remains a viable option for you if your first choice isn't what you expected, or doesn't meet your career needs.



What are Honours Degrees?

Honours are a type of postgraduate study. This normally involves one additional year of study following the successful completion of a three-year Bachelor degree. Students in four-year degrees who take relevant strands will be automatically assessed for Honours. An Honours degree is recognised as an extra qualification over and above a Bachelor degree.



Is it Harder to Manage Your Time Doing a Double Degree?

Generally speaking, no. The way most Double Degrees work out is that you are at uni for longer than you would be doing a single degree (e.g. five years instead of three), but less time than if you were doing two single degrees back-to-back (six years). While doing a Double Degree, your subject load every session is about the same as that for a single degree, so managing your time shouldn't be any more difficult.

why choose UOW?



More for Your Curious Mind

University isn't just for degrees. You'll be given chance to try new things nearly every day. At UOW, there's always something more for the curious mind.



More for Your Career

The University of Wollongong has had its position as one of the top two per cent of universities in the world confirmed by its performance in three prestigious international rankings:

- QS World University Rankings 2010
- Shanghai Jiao Tong Academic Ranking of World Universities 2010
- Times Higher Education World University Rankings 2010

These rankings provide a comprehensive assessment of universities across a range of criteria, including research excellence, employer reviews and degree quality.

2011 marks the eleventh year in a row that UOW has scored five stars in the categories of Getting a Job and Positive Graduate Outcomes. This shows UOW is a place where students not only get a five-star education, but a five-star chance of gaining a job with a top salary at the end of their degree.

- ★★★★★ Getting a Job
- ★★★★★ Positive Graduate Outcomes
- ★★★★★ Staff Qualifications
- ★★★★★ Research Intensity
- ★★★★★ Graduate Satisfaction
- ★★★★★ Generic Skills
- ★★★★★ Staff to Student Ratio

2011 Good Universities Guide (Universities & Private Colleges)



More Satisfied Students

UOW was ranked number one in Australia for student satisfaction in the independent Sweeney Group's 2009 'Uni Student Report'. This study asked students about the opportunities for them to be involved in campus life, which we believe is an essential part of the uni experience.



More To Do

UOW boasts a modern, spacious campus built around landscaped gardens and water features. Campus life at UOW is never boring. You might hang out at the award-winning Unibar, watching international music acts with your friends, or wander through the beautiful Wollongong Botanic Gardens.

You could browse the stalls of the regular markets, or unwind at any of UOW's sporting facilities, including: a fully equipped gymnasium; basketball, squash and tennis courts; sports fields; and a fifty-metre heated Olympic swimming pool. There's always something to do. The University runs Campus Tours Monday to Friday during school holidays (excluding public holidays). Call 1300 367 869 or email uniadvice@uow.edu.au to book a tour.

Wollongong's coastal location provides a unique environment in which to live and study. You'll have the opportunity to take advantage of the city's 17 patrolled beaches, its shops, hotels and clubs. With around 400,000 residents, the Wollongong region is large enough to offer all the entertainment and conveniences of a city, yet small enough to retain the friendly, relaxed atmosphere of a coastal community. The UOW campus is fewer than five kilometres from the city centre and beaches and is situated at the base of Mount Keira. For students moving to Wollongong to study, UOW offers a range of student accommodation, located both on and off the main campus.

For more information on accommodation options for people studying at UOW, please visit www.uow.edu.au/about/accommodation



More to Challenge You

If you're looking for a more challenging university experience, UOW has programs to help you go further. The International Exchange Program has links to over 100 universities in more than 30 countries across North, South and Central America, Asia and Europe, giving UOW students the opportunity to enrich their learning experience by living and studying overseas for six months or a year. The Dean's Scholar programs (offered in Commerce, Arts, Engineering, Informatics, Education and Creative Arts) are aimed at high-achieving students enrolling at UOW. Students in the program are assigned an academic mentor from his or her major area of study. They may also be able to fast-track their degree by taking some second-year subjects in their first year of study.



Study Areas at UOW

For further information on these areas of study, please visit the UOW CourseFinder website at coursefinder.uow.edu.au

Arts/Humanities

- Asia – Pacific Studies
- Australian Studies
- Community & Environment
- English Literatures
- European Studies
- Gender Studies
- History
- Indigenous Studies
- International Studies
- Languages
- Philosophy
- Politics
- Science & Technology
- Sociology
- War and Society

Business & Commerce

- Accountancy
- Business Information Systems
- Business Law
- eCommerce
- Economics
- Finance
- Hospitality/Events/Tourism
- International Business
- Logistics
- Management
- Management – Health
- Marketing
- Public Relations

Creative Arts/Performance

- Creative Writing
- Digital Media
- Graphic Design
- Theatre/Performance
- Visual Arts

Earth & Environmental Sciences

- Environmental Science
- Geography
- Geology

Education

- Early Childhood Teaching
- Physical Health Education
- Secondary/Primary Teaching

Engineering

- Civil
- Computer
- Electrical
- Environmental
- Materials
- Mechanical
- Mechatronics
- Mining
- Telecommunications

Health Sciences

- Community Health
- Exercise Rehabilitation
- Gerontology and Rehabilitation Studies
- Health Management
- Health Science
- Medical Science
- Medicine
- Nutrition/Dietetics
- Psychology
- Public Health

Information Technology

- Computer Science
- Information Systems
- Information Technology

Law

- Bachelor of Laws (4-Year Program)
- Combined Law Degrees
- Legal Practice

Mathematics

- Mathematics
- Statistics

Media/Communication Studies

- Communication and Media Studies
- Journalism

Nursing

- Nursing

Science

- Biology
- Biotechnology
- Chemistry
- Ecology
- Land and Heritage Management
- Marine Science
- Medical Radiation Physics
- Medicinal Chemistry
- Nanotechnology
- Photonics
- Physics

getting into uni

How Do I Get In?

Generally, for entry into a Bachelor degree at university, applicants must complete the NSW HSC or equivalent, with admission to most university courses based on the Australian Tertiary Admission Rank (ATAR). However, there may be other entry requirements, like additional application forms, or auditions/interviews for degrees such as Creative Arts. For specific entry requirements for each degree at UOW, please refer to the CourseFinder at coursefinder.uow.edu.au

Alternatives

Even if you do not complete the NSW HSC (or an equivalent qualification) in full, or you do not receive the required entry mark for your desired course, you may still qualify for admission to UOW.

TAFE QUALIFICATIONS

If you decide to go to TAFE after school, you may have the option to further your qualifications and career prospects with a university degree.

You may wish to attend TAFE to obtain a Diploma, Advanced Diploma, or Australian Qualifications Framework (AQF) Level IV Certificate.

Subsequent admission to UOW is dependent on the availability of places, completion of the TAFE course, and the level of academic performance in the course/s undertaken. Some advanced standing may be granted for these TAFE awards (excluding Certificate IV programs).*

UOW offers an extensive range of flexible degrees that will build on the knowledge and skills you gain at TAFE.

You might consider combining your TAFE course with a UOW degree in one of our dual programs, so that you graduate with both a university and TAFE qualification.

*Successful completion of a Certificate IV may not always provide entry to all undergraduate programs. Trade Certificates do not provide entry to undergraduate programs.

UOW College*

If you do not gain direct entry into UOW after the HSC, UOW College offers a range of university preparation programs to teach you the skills and knowledge you need to pass the course and succeed in your future degree at UOW. The UOW College campus, located at UOW, provides a mature, supportive learning environment in which to learn. UOW College is a part of UOW, so you will benefit from the same high standards of teaching.

If you have not already qualified for direct entry to the degree of your choice, the College provides a number of University Pathway Programs:

FOUNDATION STUDIES

Foundation Studies has been designed for HSC applicants who have not met the direct entry requirements for UOW. Successful completion of this program guarantees students entry into the first year of their chosen Bachelor degree at UOW.

DIPLOMAS

The College also offers two Diplomas—the Diploma in Business and the Diploma in Information Technology.

The Diploma in Business is equivalent to the first year of undergraduate study in Commerce, and successful completion of the course guarantees you entry into the second year of a UOW Bachelor of Commerce.

The Diploma in Information Technology is equivalent to the first year of undergraduate study for specific Informatics degrees, and successful completion of the course guarantees you entry into the second year of a UOW Bachelor of Information Technology, Bachelor of Business Information Systems, or Bachelor of Computer Science.

*Formerly Wollongong College Australia (WCA)

FEE-HELP

FEE-HELP is a loan that helps eligible fee-paying students to pay their tuition fees at eligible public and private higher education providers, such as the UOW College. FEE-HELP loans are similar to HECS, in that they can be paid off on a schedule later, when the person taking the loan finds a job after completing their studies.

Tuition fees for fee-paying students will vary according to the course. Australian citizens and holders of a permanent humanitarian visa may request a FEE-HELP loan to cover some or all of their tuition fees.

STEP to UOW

STEP to UOW is a tertiary preparation program designed to assist students who have experienced disadvantage during their secondary education. Candidates for this program must have completed their HSC within the previous 2 years at a high school in the University's local region. The program is exempt from tuition fees. Applicants will be required to supply written documentation explaining their situation and how it has affected their HSC results.

how to use this book

The course runs for two sessions over eight months, and you can join first-year university upon successful completion of the course. STEP to UOW intakes occur in February, June and October.

For more information, please visit www.uow.edu.au/future/alternativeentry

MATURE AGE

For those of you who choose not to go to university, including those who choose not to complete the HSC, there are options for you to study at university later in life.

Students who are 19 years of age or older who are enrolling in an undergraduate course are considered non-school-leavers or mature students. There are a number of possible pathways you can choose to undertake in order to satisfy the academic entry requirements for a Bachelor degree at UOW, including UOW College's University Access Program. For more information on these pathways, please visit UOW's mature age prospective students information page at www.uow.edu.au/future/mature

MORE INFORMATION

For more information on Foundation Studies, Diplomas, STEP to UOW, or to request a UOW College brochure, please contact UOW UniAdvice by phone on 1300 367 869, or email us at uniadvice@uow.edu.au, or visit the UOW College website at www.uowcollege.edu.au

Your Step-by-Step Guide

It's time to select your subjects for Years 11 and 12. This guide can help you make informed decisions about subject selection.

Always keep in mind your strengths and your interests.

Look up the relevant study areas in the tables (see following pages) to see which UOW degrees are available. Alternatively, use the career index and match a job you're interested in with a study path.

Make sure you consider the 'Assumed Knowledge' and 'Recommended Studies' when looking at degrees that interest you.

This table can also work in reverse: if you are unsure of which career area is for you, go to the Assumed Knowledge/Recommended Studies, find your strongest subjects, and go from there. This may help give you some idea of where to start further research.

Be sure to check out the list of double degrees on page 32. UOW offers a range of double degrees that give you the opportunity to complete two different degrees in less time than it would take to complete them separately.

career index

If you think you know what kind of career you want to find yourself in, this index will give you some idea of what study paths might lead you there. Simply find the career you're interested in and turn to the indicated page for a list of relevant degrees at UOW and their Assumed and Recommended Knowledge.

Of course, these are only a few examples of the kinds of careers UOW graduates have moved on to after studying in these areas. There are many ways to get where you want to go. If you're interested in a career that isn't listed here, you should talk to your careers adviser, and they can help you find a university and degree to suit the job you want.

Please note: the Assumed Knowledge and Recommended Studies in this document are based on information current at the time of publication. Students are advised to check the current UAC Guide for the latest information, or visit the UOW website.

CAREER	PAGE	CAREER	PAGE	CAREER	PAGE
Actor	19	Drug Regulation Officer	31	Manager	15, 17
Advertiser	15, 17, 19	e-Commerce Specialist	27	Marketing Manager/Consultant	17
Agricultural Adviser/Researcher	31	Editor	15, 19	Materials Engineer	23
Arts Manager	19	Educational Consultant	21	Media Executive	15, 19
Astronomer	31	Electronics Engineer	23	Medical Researcher	25, 31
Banker	17	Environmental Lawyer	29	Merchant Banker	17
Barrister	29	Environmental Engineer	23	Metallurgist	23
Biochemist	31	Exercise Scientist	25	Microbiologist	31
Biotechnologist	31	Film & Television Producer	19	Mine Manager	23
Cartographer	31	Foreign Affairs Officer	15	Multimedia Specialist	15, 19, 27
Catchment and River Management Officer	31	Forensic Scientist	31	Museum Manager	19
Chemist – Industrial/Pharmaceutical/Medicinal	31	Gallery Manager	19	National Park Ranger	31
Child Care Worker	21	Game Designer	19, 22	Network Development Architect	27
Commercial Lawyer	29	General Practitioner	25	Nutritionist	25
Communications Consultant	15, 17	Geotechnical Engineer	23	Oceanographer	31
Computer Animator	19, 27	Geologist	31	Painter (artist)	19
Computer Architect	23	Government Lawyer	29	Patent Assessor	31
Computer Systems Engineer	23	Graphic Designer	19	Photographer	19
Conservationist	31	Heritage Officer	31	Physicist – Research/Medical/Industrial	31
Construction Manager	23	Health Worker	25, 31	Playwright	19
Creative Director	19	Industrial Relations Officer	15, 17	Policy Adviser	29
Criminal Defence Lawyer	29	Intellectual Property Lawyer	29	Politician	15, 29
Curator	19	Interpreter	15	Programmer	27
Defence Personnel	15	IT Consultant	27	Project Manager	23
Digital Media Manager	19	Journalist	15, 19	Prosecutor	29
Dietitian	25	Legal Consultant	29	Public Relations Consultant	15
Diplomat	15, 29	Media Lawyer	29	Publisher	15
Doctor	25	Magistrate	29	Psychologist	25
		Maintenance Manager	23		



CAREER	PAGE
Registered Nurse	25
Researcher	15, 27, 29
Retail Manager	15, 17
School Counsellor	21, 25
School Principal	21
Screen Writer	19
Sculptor	19
Security Engineer	27
Software Engineer	27
Solicitor	29
Statistician	27, 31
Stockbroker	17, 27
Systems Analyst	27
TAFE Teacher	21
Teacher	21
Technician	31
Telecommunications Engineer	23
Textile Artist	19
Tourism Worker	15
Town Planner	15, 23, 31
Training and Development Officer	21
Translator	15
Veterinary Researcher	31
Mobile Applications Developer	27
Web Designer	19, 27
Web Developer	27
Writer	19
Youth Social Worker	15

A close-up, three-quarter view portrait of a young woman with long brown hair tied back in a ponytail. She has light blue eyes and is looking slightly to the right with a soft smile. She is wearing a white t-shirt. The background is a plain, light grey color.

i am here

combining my interests

Evelyn Fetterplace
Bachelor of Arts – Dean's Scholar
(Biology, Science and Technology
Studies)

UOW has given me the skills to combine my interests in science and arts and the opportunity to use these overseas. I have gained new writing skills and an enjoyment of biology through the flexibility of an Arts degree.

The arts and humanities explore why people behave the way they do, and why society sometimes changes in dramatic and unpredictable ways. Arts looks at the big picture, analysing social movements from historical, political, philosophical and social perspectives.

Humanities graduates from UOW are working in careers as diverse as their studies—government, private, non-profit, academic. They can take the skills they learn with them and quickly adapt to new environments.


Sample Careers

ADVERTISER | COMMUNICATIONS CONSULTANT | DEFENCE PERSONNEL | DIPLOMAT | EDITOR | FOREIGN AFFAIRS OFFICER | INDUSTRIAL RELATIONS OFFICER | INTERPRETER | JOURNALIST | MANAGER | MARKETING CONSULTANT | MEDIA EXECUTIVE | PERSONNEL OFFICER | POLITICIAN | PUBLIC RELATIONS CONSULTANT | PUBLISHER | REPORTER | RESEARCHER | RETAIL MANAGER | TEACHER | TOWN PLANNER | TOURISM WORKER | TRANSLATOR | YOUTH SOCIAL WORKER

STUDY/CAREER AREAS	DEGREE OPTIONS	LENGTH	ASSUMED KNOWLEDGE	RECOMMENDED STUDIES
Asia-Pacific Studies*	Bachelor of Arts	3FT	Any two units of English	English Advanced
Australian Studies*	Bachelor of Arts: Dean's Scholar			
Economics†		2.5–3FT	A minimum ATAR of 93 is required; plus any two units of English. Entry is also dependent upon interview by the Faculty	Students will have demonstrated excellence in Arts related subjects.
Education†				English Advanced
Employment Relations*				English Advanced
English Language & Linguistics*	Certificate in Languages	2PT	Any two units of English	English Advanced
English Literatures*	Diploma in Languages	4PT	Any two units of English	English Advanced
European Studies*				
French*				
Gender Studies*				
Geography†				
History*				
Indigenous Studies*				
Indonesian				
Italian*				
Japanese*				
Legal Studies†				
Management†				
Mandarin Chinese*				
Marketing†				
Media & Cultural Studies*				
Philosophy*				
Politics*				
Population Health				
Postcolonial Studies*				
Psychology				
Science & Technology Studies*				
Sociology*				
Spanish*				
War & Society*				
International Studies	Bachelor of International Studies‡	3FT	Any two units of English	English Advanced
Digital Media & Communication	Bachelor of Communications & Media Studies	3FT	Any two units of English	English Advanced
International Media & Communication				
Journalism & Professional Writing				
Marketing Communication & Advertising				
Accountancy	Bachelor of Commerce	3FT	Any two units of English	
Economics				
Business Law				
Management				
Marketing				
Majors: Community, Culture & Environment, English Literatures, History, Sociology and Indigenous Studies	Bachelor of Arts Available at Batemans Bay, Bega, Moss Vale & Shoalhaven	3FT	Any two units of English	English Advanced

* Majors that may be taken in the Dean's Scholar Program. The degree program provides a facilitated path through the BA with 'value adding' along the way. The program is directed at high achieving students and gives them an opportunity to attempt subjects not normally available to first year students, which can allow them to complete their degree in under 3 years. Each student also has an academic mentor.

† Must be studied with another Arts major.



Eliza Biddle
Bachelor of Creative Arts –
Bachelor of Commerce

I chose UOW as it is close to home and allowed me to do both commerce and visual arts at the same time! UOW is truly amazing and the lecturers are friendly and always helpful.

UOW is helping me reach my goals by allowing me to specialise in industries I love.

i am here
specialising in industries I love

commerce

Commerce is the study how people interact with each other in a business context. This includes areas such as accounting, finance, management, marketing and economics as well as other fields such as public relations, human resources and event management.

Students who graduate from Commerce are informed, connected, communicative, innovative and flexible. Research shows that UOW Commerce graduates have a high rate of employment both in Australia and overseas, and the employment possibilities are endless.

Whether want to be employed in finance, as a marketing professional, a business owner or event management, then studying at UOW will help you get the job you want.

Sample Careers

ACCOUNTANT | ADVERTISER | AUDITOR | BANKER | BUSINESS COMPUTING SPECIALIST | CALL CENTRE MANAGER | COMMUNICATIONS CONSULTANT | COMPUTER SUPPORT OFFICER | COST ADVISER | DATA ANALYST | DATABASE ADMINISTRATOR | ECONOMIC AND PUBLIC POLICY PLANNER | ENVIRONMENTAL MODELLER | FINANCIAL PLANNER | FINANCIAL SYSTEMS DESIGNER | FITNESS MANAGER | HUMAN RESOURCES MANAGER | HOSPITALITY MANAGER | INDUSTRIAL RELATIONS OFFICER | INFORMATION SYSTEMS MANAGER | INSURANCE BROKER | INVESTMENT ANALYST | MARKET RESEARCHER | MARKETING MANAGER/CONSULTANT | MERCHANT BANKER | PERSONNEL OFFICER | PRODUCT MANAGER | QUALITY CONTROLLER | SALES REPRESENTATIVE | SMALL BUSINESS OWNER/MANAGER STATISTICIAN | STOCKBROKER | SUPPLY MANAGER | SYSTEMS ANALYST | TAXATION CONSULTANT | TEACHER | TOURISM MANAGER | TRADE UNION OFFICER

STUDY/CAREER AREAS	DEGREE OPTIONS	LENGTH	ASSUMED KNOWLEDGE	RECOMMENDED STUDIES
Dean's Scholar	Bachelor of Commerce Dean's Scholar	2.5–3FT	ATAR of 93 or greater plus any two units of English. Entry is also dependent on interview by the Faculty	Demonstrated excellence in related studies
Accountancy	Bachelor of Commerce (all campuses)	3FT	Any two units of English	
Business Administration	Bachelor of Business**	3FT	Any two units of English	
Business Innovation	Bachelor of Commerce (Business Innovation)	3FT	Any two units of English	
Business Information Systems	Bachelor of Commerce Bachelor of Business Information Systems	3FT 3FT	Any two units of English See page 22.	
Business Law	Bachelor of Commerce (not available as a single major) Bachelor of Arts (Legal Studies)*	3FT 3FT	Any two units of English and Mathematics Any two units of English	
Economics	Bachelor of Commerce Bachelor of Arts (Economics)* Bachelor of Economics & Finance**	3FT 3FT 3–4FT	Any two units of English Any two units of English Any two units of English	
Econometrics (subjects that emphasise Econometrics can be taken within the Economics major)	Bachelor of Commerce Bachelor of Arts (Economics)*	3FT 3FT	Any two units of English Any two units of English	
Event Management	Bachelor of Commerce (Event Management) Available at Southern Sydney, Shoalhaven & Wollongong. Studied in conjunction with TAFE	3FT	Any two units of English	
Employment Relations	Bachelor of Arts	3FT	Any two units of English	
Finance	Bachelor of Commerce Bachelor of Mathematics & Finance	3FT 4FT	Any two units of English Any two units of English plus Mathematics (not General Mathematics)	
Financial Planning	Bachelor of Commerce	3FT	Any two units of English	
Hospitality	Bachelor of Commerce (Hospitality) Available at Southern Sydney & Wollongong. Studied in conjunction with TAFE	3FT	Any two units of English	
Human Resource Management	Bachelor of Commerce	3FT	Any two units of English	
Industrial Relations†	Bachelor of Commerce	3FT	Any two units of English	
International Business	Bachelor of Commerce	3FT	Any two units of English	
Management	Bachelor of Commerce (all campuses) Bachelor of Arts*	3FT 3FT	Any two units of English Any two units of English	
Marketing	Bachelor of Commerce Bachelor of Arts*	3FT 3FT	Any two units of English Any two units of English	
Mathematics/Finance/Economics Computing/Statistics	Bachelor of Mathematics & Finance	4FT	Any two units of English plus Mathematics (not General Mathematics)	HSC Mathematics Extension 1
Public Relations	Bachelor of Commerce	3FT	Any two units of English	
Sales/Office Administration/Personnel	Bachelor of Commerce	3FT	Any two units of English	
Supply Chain Management	Bachelor of Commerce	3FT	Any two units of English	
Tourism	Bachelor of Commerce (Tourism Management)	3FT	Any two units of English	

*Combined with second Arts major. †Only available as a minor

**Subject to approval



Matthew Saliba
Bachelor of Creative Arts (Graphic Design)

Studying at UOW has helped me to achieve my goals by providing me with the necessary knowledge and skills to successfully progress into the design industry with comfort, initiative and creative flair.

i am here
achieving my goals

creative arts

Art can equally be a force to alter the world and a very personal expressive gesture. Journalism occupies a similar role—reflecting the world, and guiding people to positive change.


Our creative arts graduates are entering the world with a wealth of practical experience. They have well-developed artistic sensibilities and realistic skills, everything they need to turn their practice into a fulfilling career.

Sample Careers

ACTOR | ADVERTISER | ARTS MANAGER | ART TEACHER | COMPUTER PROGRAMMER | CREATIVE DIRECTOR | CURATOR | DIGITAL GAME DESIGNER | DIGITAL MEDIA MANAGER | DRAMA TEACHER | EDITOR | GALLERY MANAGER | GRAPHIC DESIGNER | JOURNALIST | MEDIA EXECUTIVE | MULTIMEDIA SPECIALIST | MUSEUM MANAGER | NOVELIST | PAINTER | PHOTOGRAPHER | PLAYWRIGHT | POET | PUBLISHER | SCREEN WRITER | SCULPTOR | TEACHER | TELEVISION PERFORMER | FILM AND TELEVISION PRODUCER | TEXTILE ARTIST | THEATRE PERFORMER | WEB DESIGNER | WRITER

STUDY/CAREER AREAS	DEGREE OPTIONS	LENGTH	ASSUMED KNOWLEDGE	RECOMMENDED STUDIES
Creative Writing Graphic Design Visual Arts	Bachelor of Creative Arts <ul style="list-style-type: none"> ▪ Creative Writing ▪ Graphic Design ▪ Visual Arts ▪ Visual Arts & Design* 	3FT	Any two units of English	For all majors: English Advanced Visual Arts: Visual Arts and/or Design and Technology Graphic Design: Visual Arts and/or Design and Technology
	Bachelor of Creative Arts (Dean's Scholar)	2.5–3FT	ATAR of 90 or greater, plus any 2 units of English. Possible interview with the Faculty	As for Bachelor of Creative Arts majors (above) plus a demonstrated excellence in related studies
Theatre Performance	Bachelor of Creative Arts <ul style="list-style-type: none"> ▪ Theatre 	3FT	Any two units of English.	English Advanced and Drama
	Bachelor of Performance <ul style="list-style-type: none"> ▪ Acting ▪ Performance-Making ▪ Technical Theatre* 	3FT	Any two units of English. Audition/interview required for admission	English Advanced and Drama
Digital Media	Bachelor of Digital Media in conjunction with TAFE	3FT	Any two units of English	English Advanced and Visual Arts and/or Design & Technology
Journalism	Bachelor of Journalism	3FT	Any two units of English	English Advanced
Music	Bachelor of Creative Arts <ul style="list-style-type: none"> ▪ Music* 	3FT	English Advanced	English Advanced and Music

*Subject to approval



Phoebe Collins
Bachelor of Education

I have gained so much knowledge and a more holistic understanding of education itself, more so than I could have ever imagined possible in my first year! It has given me the confidence I need to step into the workforce in 3 years.

i am here
gaining confidence

education

Ever had a teacher that inspired or impressed you? That teacher, most likely, helped you achieve your best. Teachers have always played a major role in shaping the lives of others.

At UOW, our teaching programs offer you the best preparation for a career in teaching —by placing you as a student teacher in schools, sooner.

Get a great education qualification and kick-start your profession in teaching by studying at UOW.

Sample Careers

CHILD CARE WORKER | EDUCATIONAL CONSULTANT | EDUCATIONAL MANAGER | HIGH SCHOOL TEACHER IN ART/COMPUTING SCIENCE/DRAMA/ENGLISH/HISTORY/MATHEMATICS/MUSIC/SCIENCE | OUTDOOR EDUCATION TEACHER | PHE TEACHER | PRE-SCHOOL TEACHER | PRIMARY TEACHER | PRIVATE COLLEGE TEACHER | RECREATIONAL ACTIVITIES COORDINATOR | SCHOOL COUNSELLOR | SCHOOL PRINCIPAL | SPORT DEVELOPMENT OFFICER | TAFE TEACHER | TRAINING AND DEVELOPMENT OFFICER


STUDY/CAREER AREAS	DEGREE OPTIONS	LENGTH	ASSUMED KNOWLEDGE*	RECOMMENDED STUDIES*
Early Childhood (0 – 5 years)	Bachelor of Education – The Early Years†	4FT	Any two units of English	Any two units of Mathematics
Primary Education	Bachelor of Primary Education†	4FT	Any two units of English	Any two units of Mathematics
	Bachelor of Arts You will need to complete an Arts degree which satisfies NSW Institute of Teachers requirements for admission to the Graduate Diploma in Education, Primary Method	3FT		
	Graduate Diploma in Education (Primary Method)†^	1FT		
Physical & Health Education	Bachelor of Physical & Health Education†	4FT	Any two units of English	Any two units of Science or Personal Development, Health & Physical Education
Secondary Education <ul style="list-style-type: none"> ▪ Business Studies ▪ Computers & Technological Information ▪ Drama ▪ English ▪ French ▪ Geography ▪ History ▪ Legal Studies ▪ Mathematics ▪ Music ▪ Science ▪ Society & Culture ▪ Visual Art 	You will need to complete a 1 year Graduate Diploma in Education (Secondary Method)† once you have completed a relevant Bachelor degree in any of the following areas:			
	Arts	3FT	Any two units of English. Refer to the relevant degree entries	
	Creative Arts	3FT	Any two units of English. Interview/audition/portfolio required for admission to the Bachelor of Performance.	
	Bachelor of Mathematics Education†	4FT	Any two units of English plus Mathematics (not General Mathematics)	HSC Mathematics Extension 1
	Bachelor of Science Education†	4FT	Any two units of English plus Mathematics	Any four units of Science selected from Biology, Chemistry, Earth & Environment or Physics

* To be employed by the NSW Department of Education & Training, please refer to Section 4.2 of the document at www.uac.edu.au/documents/undergraduate/govt-policies.pdf

† All students undertaking any placement in positions dealing with children must undergo a criminal record check prior to employment or placement in any capacity in NSW. This check will be conducted by the NSW Police Service. Procedures will be further explained at enrolment. Students who require further information should contact the Faculty of Education Student Services Centre on 02 4221 3981.

^The length, structure and content of the Graduate Diploma in Education program may change as a consequence of the introduction of the AITSL.

Note: With the exception of the Graduate Diplomas, all degrees listed on this page are available through the Dean's Scholar program. The entry requirement to the program is an ATAR of 90 or above, plus a separate application form.



Kimberley Murdoch
Bachelor of Engineering (Mechanical)

Studying Engineering, I am given a theoretical and practical approach to my studies, which has given me a great opportunity to practise my skills for when I finish my degree. The personal interactions between both students and teachers that I've developed is a highlight.

i am here
practicing my skills

engineering

Engineering is about manipulating the world around us to meet our needs. The good engineer will do so using the least amount of resources possible, and the responsible engineer will protect people and the environment in the process.

UOW Engineering graduates are not only involved in technical projects, they're also running the organisations in which they work. They are problem solvers, managing projects, people and finances. They are helping to build a sustainable future.

Sample Careers

COMPUTER ARCHITECT | COMPUTER SYSTEMS ENGINEER | CONSTRUCTION MANAGER | CONSULTING ENGINEER | ELECTRONICS ENGINEER | ENVIRONMENTAL ENGINEER | GEOTECHNICAL ENGINEER | MAINTENANCE MANAGER | MATERIALS ENGINEER | METALLURGIST | MINE MANAGER | POWER STATION MANAGER | PRODUCTION ENGINEER | PROJECT MANAGER | STRUCTURAL ENGINEER | SYSTEMS ANALYST | TELECOMMUNICATIONS ENGINEER | TOWN PLANNER | TRANSPORT ENGINEER | WATER QUALITY MANAGER

STUDY/CAREER AREAS	DEGREE OPTIONS	LENGTH	ASSUMED KNOWLEDGE	RECOMMENDED STUDIES
Civil Environmental Materials Mining	Bachelor of Engineering	4FT	Any two units of English plus Mathematics*	Physics, Chemistry, HSC Mathematics Extension 1 and Engineering Studies
Biomechanical Mechanical Mechatronic Exercise Science	Bachelor of Engineering Bachelor of Engineering (Mechanical, Mechatronic) – Bachelor of Science (Exercise Science)	4FT 5.5FT	Any two units of English plus Mathematics* Any two units of English plus Mathematics & Chemistry	Physics, Chemistry**, HSC Mathematics Extension 1 and Engineering Studies
Computer Electrical Telecommunications	Bachelor of Engineering	4FT	Any two units of English plus Mathematics (not General Mathematics) & two units of Science*	English Advanced, HSC Mathematics Extension 1 & Physics

*Students with limited background in Physics or Chemistry are advised to enrol in bridging courses held in February each year. Students with General Mathematics or a low Mathematics HSC result will be required to enrol in a Mathematics Enabling Subject in the first session of study.

**Chemistry not required for Mechatronic Engineering

health & sciences

Justin Cain-Bloxsome
Bachelor of Science (Exercise Science)

The quality of health education has been phenomenal, and a real hands-on experience with plenty of practical work experience which will make me a better clinician.

i am here

getting hands-on experience

behavioural

Understanding the human body and mind—how they work, how to care for them—is essential to our future prosperity and wellbeing. From fighting chronic illness afflicting whole populations, to managing our top athletes: health scientists, doctors and nurses improve our health, happiness and performance.

Health and Behavioural Sciences at UOW is characterised by quality, accredited undergraduate studies and exciting postgraduate research grounded in our communities.

Sample Careers

BIOMEDICAL RESEARCHER | COMMUNITY NURSE | COUNSELLOR | DIETITIAN | DOCTOR | EXERCISE SCIENTIST | FOOD INDUSTRY WORKER | GENERAL PRACTITIONER | HEALTH ADMINISTRATOR | HEALTH PROMOTION OFFICER | HEALTH WORKER | HOSPITAL NURSE | HUMAN RESOURCES OFFICER | INDUSTRY HEALTH WORKER | NURSING HOME WORKER | NUTRITIONIST | PROGRAM DIRECTOR AND RESOURCE MANAGER IN SPORT, RECREATION, FITNESS AND TOURISM INDUSTRY | PSYCHOLOGIST | REGISTERED NURSE | REHABILITATION SPECIALIST | RESEARCHER | SCHOOL COUNSELLOR | SPORT AND RECREATION REHABILITATOR | SPORTS SCIENTIST

STUDY/CAREER AREAS	DEGREE OPTIONS	LENGTH	ASSUMED KNOWLEDGE	RECOMMENDED STUDIES
Nursing	Bachelor of Nursing* Bachelor of Nursing Advanced*	3FT 4FT	Any two units of Science [†] Any two units of Science [†]	
Medical Science Anatomy Physiology Biochemistry	Bachelor of Medical & Health Sciences Bachelor of Medical & Health Sciences Advanced Bachelor of Medical and Health Sciences – TAFE Diploma of Laboratory Technology	3FT 4FT 3FT	Any two units of English, four units of Science [†]	Chemistry
Medicine	Bachelor of Medicine Bachelor of Surgery (MBBS)	4FT	Previous Bachelor degree required. Any two units of English plus Science & Mathematics	
Dietetics Nutrition Biochemistry Physiology	Bachelor of Nutrition & Dietetics* Bachelor of Science (Nutrition) Bachelor of Public Health Nutrition	4FT 3FT	Any two units of English plus Chemistry [†]	
Food Services	Bachelor of Commerce (Hospitality Management) Studied in conjunction with TAFE**	3FT	Any two units of English	
Exercise Science	Bachelor of Exercise Science & Rehabilitation* Bachelor of Science (Exercise Science)	4FT 3FT	Any two units of English plus Chemistry [†] Any two units of English plus Chemistry [†]	
Biomechanical Engineering	Bachelor of Engineering/Bachelor of Science (Exercise Science)	5FT	Any two units of English plus Chemistry [†]	Physics, Chemistry plus HSC Mathematics Extension 1 and Engineering Studies
Human Performance Exercise Interventions	Bachelor of Science (Exercise Science)	3FT	Any two units of English plus Chemistry [†]	
Indigenous History, Society & Culture Health Issues	Bachelor of Health Science in Indigenous Health Studies	3FT	Aboriginal Studies Alternative entry criteria also apply	
Psychology	Bachelor of Psychology. Approved program for conditional registration by the Psychology Board of Australia Bachelor of Arts (Psychology) Bachelor of Science (Psychology)	4FT 3FT 3FT	Any two units of English Any two units of English Any two units of English	English Advanced English Advanced
Medical Mathematics	Bachelor of Medical Mathematics	3FT	Mathematics	HSC Mathematics Extension 1 and Chemistry
Medical Physics	Bachelor of Medical and Radiation Physics Bachelor of Medical and Radiation Physics Advanced	3FT 4FT	Any two units of English, Mathematics and Physics [^]	English Advanced, HSC Mathematics Extension 1 and Chemistry [†]
Population Health Health Promotion	Bachelor of Public Health	3FT	Any two units of English	English Advanced
Health Policy Project Management Public Health Statistics	Bachelor of Public Health	3FT	Any two units of English	English Advanced, Chemistry [†]

* Students are required to undertake clinical placement in a variety of health care facilities. In order to be approved to enter a NSW Health Facility all students must have a National Police Certificate and adhere to the immunisation requirements as outlined in the NSW Health 'Occupational Assessment, Screening and Vaccination against Specified Infectious Diseases PD2011_005.

** Available at Wollongong Campus and UOW Southern Sydney (Loftus) only.

[†] Bridging Courses and a Special Mathematics subject are available for students not having the above 'Assumed Knowledge'. Students whose course includes Chemistry and/or Biology who have not completed these subjects for the HSC are strongly recommended to enrol in bridging courses offered in February each year.

[^] Students with limited background in Physics or Chemistry are advised to enrol in bridging courses held in February each year. Students with General Mathematics or a low Mathematics HSC result will be required to enrol in a Mathematics Enabling Subject in the first session of study.

Krishna Ali
Bachelor of Engineering – Bachelor of
Computer Science

I considered uni the best way of
furthering my education and improving
my employability. Now I'm using
industry-standard tools in animation
and computer programming, preparing
to start my career.



i am here
building the digital economy

informatics

The ICT industry plays a vital role in meeting the challenges of our time and provides widespread benefit across the entire socio-economic landscape. The tools of modern economies—the Internet, e-mail, Skype, MSN, GoogleTalk, e-Bay, Amazon, information portals, web pages, broadband, wireless connectivity, mobile wireless communication, mobile phones, smart phones, 3G—are all innovations of information professionals striving to create benefit across the globe.

Informatics at UOW delivers an uncompromisingly strong technical background, laced with practical and industry-focused subjects. The learning experience is led by cutting edge research ensuring relevance, currency and employment, creating industry ready information workers.


Your degree in Informatics puts you in the driving seat to play a vital role in the digital information economy—an economy that is vital to all sectors of the global community.

Sample Careers

BUSINESS ANALYST | ANIMATOR | COMPUTER ENGINEER | DATABASE ADMINISTRATOR | E-COMMERCE PROFESSIONAL | ELECTRONIC SPECIALIST | ELECTRONICS ENGINEER | ELECTRICAL ENGINEER | FINANCIAL ANALYST | GAMES DEVELOPER | HEALTH INFORMATICIAN | INVESTMENT BANKER | IT CONSULTANT | IT SOLUTIONS ARCHITECT | MATHEMATICAL MODELLER | MOBILE APPLICATIONS DEVELOPER | MULTIMEDIA DESIGNER | NETWORK ARCHITECT | NETWORK ENGINEER | PROGRAMMER | PROJECT MANAGER | RESEARCHER | SECURITY ENGINEER | SOFTWARE ENGINEER | STATISTICIAN | STOCKBROKER | SYSTEMS ADMINISTRATOR | SYSTEMS ANALYST | TECHNICAL WRITER | TELECOMMUNICATIONS SPECIALIST | WEB DESIGNER | WEB DEVELOPER

STUDY/CAREER AREAS	DEGREE OPTIONS	LENGTH	ASSUMED KNOWLEDGE	RECOMMENDED STUDIES
Digital Systems, Security Software, Development	Bachelor of Computer Science	3FT	Any two units of English plus Mathematics (not General Mathematics)	
Computer Engineering Electrical Engineering Internet Engineering Telecommunications Engineering	Bachelor of Engineering (Computer, Electrical, & Telecommunications Engineering)	4FT	Any two units of English plus Mathematics (not General Mathematics) & two units of Science	English Advanced, HSC Mathematics Extension 1 & Physics
Information & Communication Technology Network Management Business Information Systems	Bachelor of Information Technology (eBusiness/Networking/Social Policy)	3FT	Any two units of English	Mathematics (not General Mathematics)
Webpage Development Internet Applications Networks Design Internet Systems Integration Business Information Systems	Bachelor of Business Information Systems	3FT	Any two units of English	Mathematics (not General Mathematics)
Graphic Design	Bachelor of Creative Arts	3FT	Any two units of English.	English Advanced, Design and Technology and/or Visual Arts
Multimedia & Game Development	Bachelor of Computer Science (Multimedia & Game Development)	3FT	Any two units of English plus Mathematics (not General Mathematics)	
Mathematics Statistics	Bachelor of Mathematics	3FT	Any two units of English plus Mathematics (not General Mathematics)	HSC Mathematics Extension 1
	Bachelor of Mathematics – Advanced Bachelor of Mathematics Education	3FT 4FT	HSC Mathematics Extension 2 Any two units of English plus Mathematics (not General Mathematics)	HSC Mathematics Extension 1
Medical Mathematics	Bachelor of Medical Mathematics	3FT	Mathematics	HSC Mathematics Extension 1 and Chemistry
Mathematics Statistics Finance	Bachelor of Mathematics & Finance	4FT	Any two units of English plus Mathematics (not General Mathematics)	HSC Mathematics Extension 1

Note: With the exception of the Bachelor of Mathematics, Bachelor of Mathematics Advanced and Bachelor of Mathematics Education, all degrees listed on this page are available through the Dean's Scholar program. The entry requirement to the program will be an ATAR of 93 or higher plus application form.



Maria Venetis
Bachelor of Arts – Bachelor of Laws

I have gained an in-depth knowledge of Australia's legal system and the skills on how to approach a legal problem. Also, it has given me the ability to network and work with a group of people from all over the world.

i am here
networking with people all over the world

The law is the systematic expression of our shared values—what we hold dear, how we want to govern ourselves; the powers and limitations we need to prosper. The law underpins our entire society, so knowledge of legal rules is only half the story. A good legal practitioner understands the contexts in which the law operates, and how it affects people’s lives.

UOW Law is known for its innovative approach to skills training and a style of teaching where we encourage enquiring minds. We want our students to be flexible, analytical thinkers who are sensitive to the human side of the law. Our graduates have found success in a wide range of careers both in legal practice and associated professions.

Sample Careers

BARRISTER | COMMERCIAL LAWYER | CRIMINAL DEFENCE LAWYER | DIPLOMAT | ENVIRONMENTAL LAWYER | GOVERNMENT LAWYER | ‘IN-HOUSE’ LEGAL ADVISER | INTELLECTUAL PROPERTY LAWYER | LEGAL CONSULTANT | MAGISTRATE | MEDIA LAWYER | POLICY ADVISER | POLITICIAN | PROSECUTOR | RESEARCH OFFICER | TEACHER | SOLICITOR IN PRIVATE PRACTICE OR A COMMUNITY LEGAL CENTRE

STUDY/CAREER AREAS	DEGREE OPTIONS	LENGTH	ASSUMED KNOWLEDGE	RECOMMENDED STUDIES
Arts	Bachelor of Arts – Bachelor of Laws	5–5.5FT	For Law: Any two units of English*	For Law: English Advanced*
Business Information Systems	Bachelor of Business Information Systems – Bachelor of Laws	5FT	For Law: Any two units of English*	For Law: English Advanced*
Commerce	Bachelor of Commerce – Bachelor of Laws	5–5.5FT	For Law: Any two units of English*	For Law: English Advanced*
Communication & Media Studies	Bachelor of Communication & Media Studies – Bachelor of Laws	5.5FT	For Law: Any two units of English*	For Law: English Advanced*
Computing Science	Bachelor of Computer Science – Bachelor of Laws	5.5–6FT	For Law: Any two units of English*	For Law: English Advanced*
	Bachelor of Information Technology – Bachelor of Laws	5FT	For Law: Any two units of English*	For Law: English Advanced*
Creative Arts	Bachelor of Creative Arts – Bachelor of Laws	5–5.5FT	For Law: Any two units of English*	For Law: English Advanced*
Engineering	Bachelor of Engineering – Bachelor of Laws	6–6.5FT	For Law: Any two units of English*	For Law: English Advanced*
Health & Behavioural Sciences	Bachelor of Science (Psychology) – Bachelor of Laws	5.5FT	For Law: Any two units of English*	For Law: English Advanced*
International Studies	Bachelor of International Studies – Bachelor of Laws	5FT	For Law: Any two units of English*	For Law: English Advanced*
Journalism	Bachelor of Journalism – Bachelor of Laws	5–5.5FT	For Law: Any two units of English*	For Law: English Advanced*
Law	Bachelor of Laws	4FT	For Law: Any two units of English*	For Law: English Advanced*
Mathematics	Bachelor of Mathematics – Bachelor of Laws	5.5FT	For Law: Any two units of English*	For Law: English Advanced*
Science	Bachelor of Science – Bachelor of Laws	5.5FT	For Law: Any two units of English*	For Law: English Advanced*

* For the degree taken in combination with Law, refer to the relevant degree entries.



Sam Harley
International Bachelor of Science

It's great having access to a whole faculty of science teachers. And as they're teaching you, you get to see they're doing some very cool stuff. One of my lecturers is one of the leading conservational biologists in Australia. Being taught by people who are leading a field is pretty amazing.

i am here

being taught by leaders in their field

science

Science is about observing and measuring what's happening around us. A scientist is essentially a curious person, one who follows that curiosity until they find answers. More than simply driving knowledge or technology, scientific discovery can have powerful ethical, political or commercial ramifications, and scientists need to be aware of the contexts in which they work.

Science at UOW is characterised by a strong connection between research and teaching—many of your teachers will be engaged in research at the forefront of their fields. Our graduates find work all over the world, in research, industry, government and academia.

Sample Careers

AGRICULTURAL ADVISER/RESEARCHER | ASTRONOMER | BIOCHEMIST | CARTOGRAPHER (MAPPING) | CATCHMENT AND RIVER MANAGEMENT OFFICER | CHEMIST – INDUSTRIAL/PHARMACEUTICAL/MEDICINAL | COASTAL/ESTUARINE MANAGEMENT OFFICER | CONSERVATION BIOLOGIST | CONSERVATIONIST DEMOGRAPHER (POPULATION PLANNING) | DRUG REGULATION OFFICER | ECOLOGIST | ECO-TOURISM MANAGER/OPERATOR | ENVIRONMENTAL CONSULTANT/OFFICER | FOOD CHEMIST | FORENSIC SCIENTIST | GEOCHEMIST | GEOLOGICAL SURVEYOR | GEOLOGIST – EXPLORATION/MINING | HEALTH SERVICE OFFICER | HERITAGE OFFICER | LABORATORY ASSISTANT | MARINE OR FISHERIES BIOLOGIST | MATERIALS SCIENTIST | MEDICAL BIOTECHNOLOGIST | MEDICAL PHYSICIST | MEDICAL RESEARCHER | MICROBIOLOGIST | MINESITE REHABILITATION OFFICER | MUSEUM CURATOR | NATIONAL PARK RANGER | OCEANOGRAPHER | PATENT ASSESSOR | PHYSICIST – RESEARCH/MEDICAL/INDUSTRIAL | PLANNER – LAND USE/URBAN SERVICES | PRODUCT DEVELOPER | RE-VEGETATION SPECIALIST | SCIENCE TEACHER | STATISTICIAN | TECHNICAL SALES ADVISER | TECHNICIAN | VETERINARY RESEARCHER

STUDY/CAREER AREAS	DEGREE OPTIONS	LENGTH	ASSUMED KNOWLEDGE	RECOMMENDED STUDIES
Biological Science Chemistry Physical Geography Geology Geosciences Human Geography Land & Heritage Management	Bachelor of Science Bachelor of Science Advanced	3FT 4FT	Mathematics (not General) and two units of Science chosen from Chemistry, Biology, Physics, Earth and Environment, or Geography*	Mathematics (not General) and four units of Science chosen from Chemistry, Biology, Physics, Earth and Environment, or Geography*
Conservation Biology	Bachelor of Science (Conservation Biology) Bachelor of Conservation Biology Bachelor of Conservation Biology Advanced	3FT 4FT 4FT	Mathematics (not General) and Chemistry or Biology*	Mathematics (not General), Chemistry and Biology*
Environmental Science	Bachelor of Science (Environment) Bachelor of Environmental Science Bachelor of Environmental Science Advanced	3FT 4FT 4FT	Mathematics (not General) and Chemistry*	Mathematics (not General), Chemistry and another two units of Science chosen from Biology, Physics, Earth and Environment, or Geography*
International Science	International Bachelor of Science	4FT	Mathematics (not General) and two units of Science chosen from Chemistry, Biology, Physics, Earth and Environment, or Geography*	Mathematics (not General) and four units of Science chosen from Chemistry, Biology, Physics, Earth and Environment, or Geography*
Marine Science	Bachelor of Marine Science Bachelor of Marine Science Advanced	3FT 3FT	Mathematics (not General) and two units of Science chosen from Chemistry, Biology, or Earth and Environment*	Mathematics (not General), Chemistry, and two units of Science chosen from Biology, or Earth and Environment*
Materials	Bachelor of Science (Materials)	3FT	Any two units of English plus Mathematics**	HSC Mathematics Extension 1, Chemistry and Physics
Medicinal Chemistry	Bachelor of Science (Medicinal Chemistry) Bachelor of Medicinal Chemistry Bachelor of Medicinal Chemistry Advanced	3FT 4FT 4FT	Mathematics (not General) and Chemistry.*	Mathematics (not General), Chemistry and Biology.*
Medical Biotechnology	Bachelor of Science (Medical Biotechnology) Bachelor of Medical Biotechnology Bachelor of Medical Biotechnology Advanced	3FT 4FT 4FT	Mathematics (not General) and Chemistry or Biology.*	Mathematics (not General), Chemistry and Biology*
Nanotechnology	Bachelor of Science (Nanotechnology) Bachelor of Nanotechnology Bachelor of Nanotechnology Advanced	3FT 4FT 4FT	Mathematics (not General), Chemistry and Physics*	HSC Mathematics Extension 1, Chemistry and Physics*
Science Education	Bachelor of Science Education	4FT	Any two units of English plus Mathematics	Four units of Science selected from Biology, Chemistry, Earth and Environment or Physics**
Physics	Bachelor of Science (Physics) Bachelor of Science Advanced (Physics)	3FT 4FT	Any two units of English plus Mathematics**	HSC Mathematics Extension 1, Chemistry and Physics
Medical Physics/Occupational Health & Safety/Radiation Research & Development	Bachelor of Medical and Radiation Physics Bachelor of Medical and Radiation Physics Advanced Bachelor of Science (Nuclear Science & Technology)	3FT 4FT 3FT	Any two units of English plus Mathematics**	HSC Mathematics Extension 1, Chemistry and Physics

*Students whose course includes Chemistry and/or Biology but who have not completed these subjects for the HSC are strongly recommended to enrol in bridging courses offered in February each year. Students without at least Mathematics (Band 4) are required to pass an approved mathematics subject during their degree.

**Students with limited background in Physics or Chemistry are advised to enrol in bridging courses held in February each year. Students with General Mathematics or a low Mathematics HSC result will be required to enrol in a Mathematics Enabling Subject in the first session of study.

double degrees

UOW offers you the choice to study two Bachelor degrees at the same time, providing you with broader qualifications and enhanced career prospects.

For example, the Bachelor of Creative Arts – Bachelor of Computer Science double degree provides an education for a person who wishes to pursue a career in graphic design, web development and computer animation.

You can complete a double degree and obtain the same qualification in much less time than it would take to complete two degrees consecutively. The following tables show the full range of double degrees offered at UOW.

LIST OF DOUBLE DEGREES	LENGTH	ASSUMED KNOWLEDGE	RECOMMENDED STUDIES
Bachelor of Arts – Bachelor of Commerce	4.5FT	Any two units of English	English Advanced
Bachelor of Arts – Bachelor of Laws	5FT	Any two units of English	English Advanced
Bachelor of Commerce – Bachelor of Laws	5–5.5FT	Any two units of English	English Advanced
Bachelor of Communication & Media Studies – Bachelor of Arts	4.5FT	Any two units of English	English Advanced
Bachelor of Communication & Media Studies – Bachelor of Commerce	4.5FT	Any two units of English	English Advanced
Bachelor of Communication & Media Studies – Bachelor of Creative Arts	4.5FT	Any two units of English.	English Advanced
Bachelor of Communication & Media Studies – Bachelor of Laws	5–5.5FT	Any two units of English	English Advanced
Bachelor of Communication & Media Studies – Bachelor of Science	4.5FT	Any two units of English. For Science check the relevant degree major	English Advanced, Mathematics (not General Mathematics). For Science check the relevant degree major
Bachelor of Computer Science – Bachelor of Laws	5.5–6FT	For Law: Any two units of English. For the degree taken in combination with Law, refer to the relevant degree entries	English Advanced
Bachelor of Computer Science – Bachelor of Science	4.5FT	Any two units of English plus Mathematics (not General Mathematics). For Science check the relevant degree major	For Science check the relevant degree major
Bachelor of Creative Arts – Bachelor of Arts	4.5FT	Any two units of English.	English Advanced
Bachelor of Creative Arts – Bachelor of Commerce	4.5FT	Any two units of English.	English Advanced
Bachelor of Creative Arts – Bachelor of Computer Science	4.5FT	Any two units of English plus Mathematics (not General Mathematics).	
Bachelor of Creative Arts – Bachelor of Laws	5–5.5FT	Any two units of English.	English Advanced
Bachelor of Creative Arts – Bachelor of Science	4.5FT	Any two units of English. For Science check the relevant degree major	Mathematics and four units of Science
Bachelor of Engineering (Civil/Environmental/Materials/Mechanical/Mechatronics/Mining) – Bachelor of Arts	5.5FT	Any two units of English plus Mathematics	English Advanced, HSC Mathematics Extension 1, Chemistry, Physics and Engineering Studies.
Bachelor of Engineering (Computer/Electrical or Telecommunications) – Bachelor of Arts	5.5FT	Any two units of English plus Mathematics (not General Mathematics) and at least two units of Science*	English Advanced, HSC Mathematics Extension 1 & Physics
Bachelor of Engineering (Civil/Environmental/Materials/Mechanical/Mechatronics/Mining) – Bachelor of Commerce	5–5.5FT	Any two units of English plus Mathematics*	HSC Mathematics Extension 1, Chemistry (not required for Mechatronic engineering), Physics and Engineering Studies

LIST OF DOUBLE DEGREES	LENGTH	ASSUMED KNOWLEDGE	RECOMMENDED STUDIES
Bachelor of Engineering (Computer/Electrical or Telecommunications) – Bachelor of Commerce	5.5FT	Any two units of English plus Mathematics (not General Mathematics) & any two units of Science*	English Advanced, HSC Mathematics Extension 1 & Physics
Bachelor of Engineering (Civil/Environmental/Materials/Mechanical/Mechatronics/Mining) – Bachelor of Computer Science	5–5.5FT	Any two units of English plus Mathematics (not General Mathematics)*	Chemistry, Physics, HSC Mathematics Extension 1 and Engineering Studies
Bachelor of Engineering (Civil/Environmental/Materials/Mechanical/Mechatronics/Mining) – Bachelor of Laws	6–6.5FT	For Law: Any two units of English. For the degree taken in combination with Law, refer to the relevant degree entries	For Law: English Advanced. For the degree taken with Law, check the relevant degree entries
Bachelor of Engineering (Civil/Environmental/Materials/Mechanical/Mechatronics/Mining) – Bachelor of Mathematics	5–5.5FT	Any two units of English plus Mathematics (not General Mathematics)*	Chemistry, Physics, HSC Mathematics Extension 1 and Engineering Studies
Bachelor of Engineering (Computer/Electrical or Telecommunications) – Bachelor of Mathematics	5.5FT	Any two units of English plus Mathematics (not General Mathematics) & two units of Science*	English Advanced, HSC Mathematics Extension 1 & Physics
Bachelor of Engineering (Computer/Electrical or Telecommunications) – Bachelor of Science	5.5FT	Any two units of English plus Mathematics (not General Mathematics). For Science check the relevant degree major*	English Advanced, HSC Mathematics Extension 1, four units of Science including Physics
Bachelor of Engineering (Civil/Environmental/Materials/Mechanical/Mechatronics/Mining) – Bachelor of Science	5–5.5FT	Any two units of English plus Mathematics (not General Mathematics). For Science check the relevant degree major*	Physics, Chemistry, HSC Mathematics Extension 1 and Engineering Studies
Bachelor of Engineering (Mechanical/Mechatronics) – Bachelor of Science (Exercise Science)	5.5FT	Any two units of English plus Mathematics and Chemistry*	Physics, Chemistry, HSC Mathematics Extension 1 and Engineering Science
Bachelor of Information Technology – Bachelor of Laws	5FT	For Law: Any two units of English. For the degree taken in combination with Law, check the relevant degree entries	For Law: English Advanced. For the degree taken with Law, refer to the relevant degree entries
Bachelor of Journalism – Bachelor of Arts	4.5FT	Any two units of English. Note: the following subject areas that may be included as elective subjects in an Arts degree have HSC subject prerequisites: Computer Science; Mathematics; Physics.	English Advanced
Bachelor of Journalism – Bachelor of Commerce	4.5FT	Any two units of English	English Advanced
Bachelor of Journalism – Bachelor of Creative Arts	4.5FT	Any two units of English	English Advanced. For Visual Arts majors: Visual Arts. For Graphic Design and New Media majors: Design and Technology and/or Visual Arts.
Bachelor of Journalism – Bachelor of Science	4.5FT	Any two units of English. For Science check the relevant degree major	English Advanced, Mathematics (not General Mathematics). For Science check the relevant degree major
Bachelor of Journalism – Bachelor of Engineering	5.5FT	Any two units of English. For Engineering check the relevant degree major	English Advanced, Chemistry (not required for Mechatronic Engineering), Physics, Engineering Studies
Bachelor of Journalism – Bachelor of Communications and Media Studies	4.5FT	Any two units of English	English Advanced
Bachelor of Journalism – Bachelor of Laws	5–5.5FT	Any two units of English	English Advanced
Bachelor of Mathematics – Bachelor of Computer Science	4.5FT	Any two units of English plus Mathematics (not General Maths)	HSC Mathematics Extension 1
Bachelor of Mathematics – Bachelor of Laws	5.5FT	Any two units of English. For the degree taken in combination with Law, check the relevant degree entries	English Advanced. For the degree taken with Law, refer to the relevant degree entries
Bachelor of Psychology – Bachelor of Commerce	5.5FT	Any two units of English	English Advanced
Bachelor of Science – Bachelor of Arts	4.5FT	Any two units of English. For Science check the relevant degree major	English Advanced, Mathematics (not General Mathematics). For Science check the relevant degree major
Bachelor of Science – Bachelor of Laws	5.5FT	Any two units of English. For the degree taken in combination with Law, refer to the relevant degree entries	For Law: English Advanced. For the degree taken with Law, check the relevant degree entries
Bachelor of Science – Bachelor of Commerce	4.5FT	Any two units of English. For Science check the relevant degree major	Mathematics (not General Mathematics). For Science check the relevant degree major
Bachelor of Science (Psychology) – Bachelor of Commerce	4.5FT	Any two units of English	English Advanced
Bachelor of Science – Bachelor of Mathematics	4.5FT	Any two units of English. For Science check the relevant degree major	HSC Mathematics Extension 1. For Science check the relevant degree major

*Bridging Courses and a Special Mathematics subject are available for students not having the above 'Assumed Knowledge'. Students whose course includes Chemistry and/or Biology who have not completed these subjects for the HSC are strongly recommended to enrol in bridging courses offered in February each year. Students without at least Mathematics (Band 4) may take a special mathematics subject in the first year or consider early entry to complete this subject in the Summer Session prior to commencement of the course.

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More Information

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