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2009/2010 Undergraduate Course Guide
For future students over 21 years
**Glossary**

Common university terms explained.

**Academic year** See Session

**Advanced standing** You may be granted advanced standing (credit) on the basis of previous study or experience. When advanced standing is given, it means that you do not have to take a particular subject because you have learned what you need to know through this previous study or experience.

**Alumni** Former students of a school or university. For more about the UOW Alumni Network, see page 65.

**Assumed knowledge** Universities often assume that you have studied certain subjects in the NSW HSC (or equivalent). For example, if HSC Mathematics Extension 1 is assumed knowledge for a particular degree and you have only studied HSC Mathematics, you may find related subjects in your degree difficult. Assumed knowledge is not compulsory for acceptance to UOW.

**Bachelor degree** The first level of tertiary study. A program of study requiring three to four years of full-time study, or part-time equivalent. Also referred to as a degree, program of study or course.

**Census Date** The date by which you must have finalised your subject selection and payment for a particular session.

**Commonwealth supported place** A university place for which the Australian Government makes a contribution towards the cost of the tertiary course.

**Commonwealth supported student** A student who is studying in a Commonwealth supported place.

**Core subjects** Some subjects are compulsory for completing your degree—these are called core subjects. Some degrees (for example, the Bachelor of Creative Arts) have a relatively large proportion of core subjects overall, whereas others (such as the Bachelor of Arts) allow students to pick a variety of electives (see below).

**Credit points** You undertake a program of subjects that accrue credit points (cp) towards your degree. Credit points are a measure of student workload for each subject. Most subjects are single session and have a value of 6cp or 8cp. Full-time students normally complete 48cp per year, and 144cp over the course of a three-year Bachelor degree or 132cp over the course of a four-year Bachelor degree. A full-time 48cp year implies an average workload of up to 48 hours per week, including classes and private study. Part-time students enrol in less than 18cp per session.

**Domestic students** Domestic students are Australian citizens and holders of permanent humanitarian visas. New Zealand citizens and holders of other permanent visas who will be residing in Australia for the duration of their study are also considered domestic students, but are not eligible for the HECS-HELP and FEE-HELP loans schemes and must pay tuition fees upfront.

**Double degree** Two Bachelor degrees studied simultaneously, with two HECS-HELP awards, usually completed in four to six years. For more information on double degrees see page 60.

**Electives** Electives are subjects that are not compulsory to your degree, but which you pick from a wide variety of areas. Electives can be chosen to complement your major area of study, or simply because you are interested in them. Most degrees require you to pick a certain number of electives.

**Enrolment** After you have been offered a place in a degree, you will be required to accept the offer and enrol at a certain time. This is essentially registering your subject choices for each year. Successful applicants will receive enrolment details with their offer. New students are sent enrolment information in January.

**Entry requirements** The minimum qualifications required for you to be considered for entry to a particular course.

**FEE-HELP** A Government loans scheme that helps eligible fee-paying students pay their tuition fees at eligible public and private higher education providers. All UOW undergraduate programs are Commonwealth supported—no FEE-HELP loan is required. See www.goingtouni.gov.au

**Full-time or part-time** This is not a matter of day or night classes, but is determined by the number of credit points in which you enrol. Only certain subjects are offered at night. For three-year degrees, full-time students normally enrol in a total of 48 credit points annually (four subjects per 24cp per session). Part-time students normally enrol in fewer than 18 credit points per session.

**HECS-HELP** A loan scheme that helps eligible Commonwealth supported students to pay their student contribution amount. HECS-HELP is not means tested. See www.goingtouni.gov.au

**Honours** An Honours degree distinguishes a graduate as a high achiever. You can study Honours in one of two ways at UOW: in most three-year degrees, Honours is available as an additional (fourth) year of full-time study (or part-time equivalent) to students who achieve a high standard in their undergraduate degree. In a four- or five-year course, Honours is awarded for meritorious performance throughout the degree, often with a heavier weighting on the later years of the course. The admission requirements and classes of Honours awarded are defined in the Course rules in the UOW Undergraduate Calendar.

**Lectures** All students taking a subject attend information sessions known as lectures. Lectures are generally one or two hours long. You may sometimes have two or more lectures consecutively.

**Major** A specialisation in an undergraduate degree.

**NSW HSC** The New South Wales Higher School Certificate.

**Orientation** A program of pre-session events (over several days) designed to help you accustom to the University, its procedures, facilities and the degree program in which you have enrolled.

**Postgraduate program** The second level of tertiary study (e.g., Graduate Certificate, Graduate Diploma, Masters degree or PhD), which can be attained after you have graduated with a Bachelor degree.

**Recommended studies** You may find some subjects in your degree easier if you have successfully completed the recommended HSC subjects.

**Session** The academic year is divided into three parts: the first session (Autumn, from February to June) and second session (Spring, from July to November), each usually 13 weeks long, and an optional third session (seven weeks over summer). Sessions are also referred to as ‘semesters’.


**Testamur** The official document you receive at your graduation ceremony, signifying the award of a qualification upon successful completion of the relevant program of study.

**Tutorials** Students studying a subject are divided into groups for weekly tutorials in which students discuss subject matter in-depth, or receive personalised assistance from their tutor. Some subjects will also include seminars, practical classes and/or laboratory work.

**UAC** Universities Admission Centre. The central office that receives and processes applications for admission to most undergraduate degrees at participating universities in NSW and the ACT. Mature Age students may apply either through the UAC or directly to UOW. For more information go to www.uac.edu.au

**UAI score (or equivalent)** Universities Admission Index. A rank between 0.00 and 100.00 with increments of 0.05 that provides information about how students perform overall against other students, and assists universities in ranking applicants for university selection. Released by the University Admissions Centre, it is given to NSW HSC students who indicate they wish to be notified of their UAI. Applicants who have not completed the NSW HSC will have a UAI score calculated based on other information provided to assist in determining their eligibility for a degree. An example of this other information would be completed TAFE studies. Other criteria such as a portfolio, interview, or audition may also be taken into account for certain degrees, in conjunction with the UAI score (or equivalent).

**Undergraduate course** See Bachelor degree

Wollongong College Australia UOW’s private, pre-university college. For more information, see page 17.
Welcome to the University of Wollongong’s Mature Student Course Guide, a collection of all the essential information to help students over 21 make informed decisions about undertaking tertiary studies.

First, congratulations on your interest in studying at UOW. A university education is a superb investment in your future with tangible benefits. UOW has built an excellent reputation for graduate outcomes. Employers recognise the skill, diversity and adaptability of a UOW graduate, and many of our degrees have relevant professional accreditation.

Our students and staff come from a wide range of backgrounds and share a culture that respects openness, inclusiveness and diversity. The range of courses available reflects this diversity. Our nine faculties collectively offer some 120 distinct undergraduate programs, each sensible to a variety of personal and professional experiences.

The University offers a range of academic and personal support services. It’s important to us that our students can maintain a healthy work–life balance, and we strive to give our students the help they need to reach their full potential.

Studying at university is a wise choice. I wish you every success as you begin your journey with us.

Professor Gerard Sutton
Vice-Chancellor

ABOUT THIS HANDBOOK
This handbook is intended for use by domestic students aged 21 years and over as a first point of reference. Domestic students are Australian citizens or holders of a permanent humanitarian visa. New Zealand citizens and holders of other permanent visas are also considered domestic students but are not eligible for the HECS-HELP loans scheme, and must pay for their studies upfront.

Readers are encouraged to refer to the University of Wollongong (UOW) website for current information: www.uow.edu.au/future

USEFUL WEBSITES:
For Future Students
www.uow.edu.au/future

Course Handbook
www.uow.edu.au/handbook/current

For Year 12 Students
www.uow.edu.au/future/school

For Students 21 and over
www.uow.edu.au/future/mature

Subject Timetables
www.uow.edu.au/student/timetables

For Parents
www.uow.edu.au/future/advise
Awards and Achievements

RANKED IN TOP 2% WORLDWIDE
UOW has been placed in the top 2% of universities in the world by its performance in both the 2008 Shanghai Jiao Tong Academic Ranking of World universities and The Times Higher Education – QS World University Rankings 2008. These prestigious rankings review a wide range of criteria including research quality, graduate and employer satisfaction, and academic peer review.

NO. 1 FOR STUDENT SATISFACTION
The University of Wollongong has been rated first for overall satisfaction among Australian university students in the independent Sweeney Research Group’s 2009 ‘Uni Student Report’. Students ranked their university based on the opportunities for becoming involved in campus life at their universities.

AWARD-WINNING TEACHERS
UOW was the only university in the country to be awarded the maximum 10 citations from the Australian Learning and Teaching Council in 2008, placing us as number one in Australia. This is the third year in a row that UOW has been in the top five performers nationwide. These citations are awarded to teachers for outstanding contributions to student learning.

EXCELLENCE IN TEACHING AND LEARNING
The University of Wollongong is one of only four universities in the country to score in the Band A in all four discipline groupings in the Federal Government’s 2009 Learning and Teaching Performance Fund.

UOW’S A SUPERSTAR
The 2009 Good Universities Guide confirms UOW’s longstanding position as one of the country’s leading universities. UOW received five stars in six key areas—under the Guide’s ranking system, only the top 20 per cent of universities can be awarded a five-star rating in any one category.

★★★★★ Getting a Job
★★★★★ Positive Graduate Outcomes
★★★★★ Graduate Starting Salary
★★★★★ Research Intensity
★★★★★ Graduate Satisfaction
★★★★★ Generic Skills

2009 Good Universities Guide (Universities & Private Colleges) 17th Edition

Quality Education
Excellent teachers want to work here. We have the facilities and connections necessary to undertake multi-million dollar, world first research, and a tradition of award-winning teaching methods. UOW was the first university in the country to introduce compulsory, ongoing teacher training, and the quality of the classroom experience remains a top priority for UOW. We also offer an unbeatable lifestyle—so really, teachers enjoy being here for the same reasons you will.

Stand Apart
UOW is very student focused, and you can see this in the flexibility of our degrees and study path options. Concern for social and environmental responsibility is being integrated directly into our academic courses, and our staff maintain expert, up-to-date knowledge on real-world issues. All this means you will graduate with industry-certified skills and a professional ethic that will set you apart.

UOW is different—strongly independent, self-reliant, and a little surprising.
After studying with us, you will be too.
The Wollongong Experience

Wollongong has access to all the facilities, entertainment and experiences you would expect in a larger city, and all in a beautiful environment less than ninety minutes drive south of Sydney, and only two hours from Canberra. Whether you’re interested in doing as much as possible, or just living the good life outdoors, the city has something for everyone.

With around 400,000 residents, Wollongong is large enough to offer all the entertainment facilities and conveniences of the city, yet small enough to retain the friendly, relaxed atmosphere of a coastal community. The city’s size also makes it easy to get around. The UOW campus is less than five kilometres from the city centre and beaches, and is easily accessible by public transport.

**SUN, SURF AND SPORT**

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, and its shops, hotels and clubs. There is a range of local sporting competitions, including netball, cricket, rugby league, rugby union, and AFL, available for membership. The Illawarra is also a great location for skydiving, hang-gliding and mountain biking if you’re feeling a bit more adventurous!

**LIFESTYLE AND CULTURE**

The Illawarra region offers a great balance of lifestyle and opportunities for work and education. It’s a great place to raise a family, and the proximity of UOW makes it easy to maintain a healthy work–life balance while studying. The region makes the most of outdoor living and dining on the coast, offering a wide choice of restaurants, bars and sidewalk cafes; the variety of cuisine reflects Wollongong’s diverse multicultural community. The city itself is cosmopolitan, with a wide choice of nightlife, including the WIN Entertainment Centre, which attracts some of the biggest international music acts. The city also hosts a number of annual arts festivals and cultural events, and the Wollongong City Gallery has been recognised as the best regional gallery in Australia for its exhibitions and programs.
What is a Mature Age Student?
UOW defines Mature Age students as those who are over 21 years of age on 1 March in the year study is commenced, and who are Australian citizens or holders of a permanent humanitarian visa who will be residing in Australia for the completion of their studies. New Zealand citizens and other permanent visa holders who are over 21 are also defined as Mature Students, however these students are not eligible for a Commonwealth supported place or FEE-HELP, and must therefore pay their fees up-front.

Studying at the University of Wollongong
UOW offers both undergraduate and postgraduate degrees.

An undergraduate degree—Bachelor degree—is the first level of university study and generally takes between three to four years full-time (or part-time equivalent) to complete.

A postgraduate degree is the second level of university study and consists of coursework and research programs. The time taken to complete a postgraduate degree varies between six months and three years full-time study or the part-time equivalent. Below are the six different types of postgraduate courses offered at UOW:

- Graduate Certificate
- Graduate Diploma
- Masters by Coursework
- Masters by Research
- Professional Doctorate
- Doctor of Philosophy

Wollongong College Australia (WCA) offers a range of preparation and pathway programs for those starting University for the first time, or returning to study after a long break. These courses give you the skills, knowledge and confidence you need to succeed in your future UOW degree.

Should I study an Undergraduate or Postgraduate Program?
The answer to this question depends on your career aspirations, education and employment experience. If you do not hold a Bachelor degree and wish to study an area that is different to your work experience you will need to apply for a Bachelor degree. However, if your work experience is relevant to the area you wish to study, you may be eligible for entry into a Graduate Certificate. If you already hold a Bachelor degree and wish to study a similar or different area, you may be eligible for entry into a Graduate Certificate, Graduate Diploma or Masters degree. If you are not sure which level of study would best suit you, contact UniAdvice on 1300 367 869.

Levels of Educational Qualification
The diagram below illustrate the hierarchy of qualifications in the Australian education sector.

<table>
<thead>
<tr>
<th>High School</th>
<th>Higher School</th>
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<tbody>
<tr>
<td><strong>Level 1</strong></td>
<td></td>
</tr>
<tr>
<td>Vocational Education and Training (VET) sector</td>
<td>Certificate I</td>
</tr>
<tr>
<td></td>
<td>Certificate II</td>
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<td></td>
<td>Certificate III</td>
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<td></td>
<td>Certificate IV</td>
</tr>
<tr>
<td><strong>Level 2</strong></td>
<td>Pathway Programs (e.g. WCA)</td>
</tr>
<tr>
<td>Higher education sector and Vocational Education and Training (VET) sector</td>
<td>Diploma</td>
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<td></td>
<td>Advanced Diploma</td>
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<tr>
<td><strong>Level 3</strong></td>
<td>Bachelor degree</td>
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<tr>
<td>Higher education sector</td>
<td>Honours degree</td>
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<tr>
<td><strong>Level 4</strong></td>
<td></td>
</tr>
<tr>
<td>Higher education sector</td>
<td>Graduate Certificate</td>
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<tr>
<td></td>
<td>Graduate Diploma</td>
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<tr>
<td></td>
<td>Masters degree (Research, Coursework)</td>
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<td></td>
<td>Doctoral degree (PhD)</td>
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</table>
Choosing a Degree at UOW

It’s important that you select the right uni degree. If you’re not sure about what you want to study, we suggest you do as much research as you can before choosing your degree:

- Think of things you are good at and enjoy. These may include your hobbies and other activities.
- If you know people who you think have interesting jobs, ask them about it, or see if you can visit them at work. Try and imagine yourself working in that industry.
- If you know people who have studied or are studying an interesting program at uni, talk to them about their experience.
- Read as much as you can about the disciplines you are considering.
- Ask your family and friends for opinions and ideas.

HELP FROM UOW

Come to UOW for a free, personalised Campus Tour and explore the facilities with a current UOW student. Tours are conducted Monday to Friday during business hours.

Contact UniAdvice with your booking request or for general enquiries on 1300 367 869 or uniadvice@uow.edu.au, or visit our website: www.uow.edu.au

CREDIT POINTS AND WORKLOAD

Each subject you study at UOW has a credit point (cp) value. If studying full-time you will normally enrol in 48cp per year (usually eight 6cp subjects). As you pass each subject, you accrue credit points towards your degree. A three-year Bachelor degree requiring 144cp will normally take three years of full-time study to complete (3 years x 48 credit points).

Credit points are a measure of the subject’s workload. A full-time 48cp year implies an average workload of up to 48 hours per week during semester. As a rough guide, this will include 15 to 20 hours a week spent in lectures, tutorials, studios or labs; and 20 to 28 hours a week reading, studying and completing assignments in your own time. It may also be possible to study full-time and not have to attend campus five days a week. Some courses may involve fewer hours spent in class but have a correspondingly higher workload outside of class time, or vice versa.

PART-TIME STUDY

Studying part-time is not about daytime or evening classes, but about the number of subjects or credit points you enrol in.

Part-time students generally enrol in four or six subjects (24–36cp) per year. Although most degrees are available on a part-time basis, this does not mean evening classes are necessarily available, and some class times may not suit people engaged in full-time employment. All undergraduate programs offered by UOW are delivered on-campus and are not available via distance.

HOW WILL I BE ASSESSED?

Your assessments will be based on a combination of participation in class examinations, formal examinations, practical exercises and written work. Information on assessments for individual subjects will be included in the subject outline that is handed out in the first class for that subject. The University’s Undergraduate Handbook, available at the University bookshop or on the web, has further information on course structures, subject listings, and assessment in specific subjects: www.uow.edu.au/handbook/current/ug

WHAT IS A DOUBLE DEGREE?

By studying a UOW double degree you can complete two Bachelor degrees in less time than it would take to complete the two degrees separately. As an example, where one of the degrees normally takes four years and the other three years, you may be able to complete the double degree combination in as little as five years, depending on the schedule of subjects available in each session.

Before enrolling in a double degree you should discuss this option with both faculties, and make sure you satisfy the entry requirements of both degrees. These are listed on pages 60-61.

WHAT IS AN HONOURS DEGREE?

If you are doing particularly well in your Bachelor degree, you should consider an Honours degree. It is a qualification above and beyond a Bachelor degree that normally involves one additional year of study. Students in some four-year degrees (e.g. Bachelor of Engineering) who take relevant subjects will be automatically assessed for Honours based on their academic performance, without needing to complete an additional year of study.
How Much does it Cost?

COMMONWEALTH SUPPORTED PLACES
All undergraduate places at UOW are Commonwealth supported places. On average, the Australian Government contributes about three-quarters of the total tuition fee for Commonwealth supported students; you pay a “student contribution” to cover the remaining costs of your course. Student contribution amounts for one year of full-time study in 2009 are listed below.

- Education $4,162
- Nursing $4,162
- Humanities $5,201
- Behavioural Sciences, Social Sciences $5,201
- Foreign Languages, Visual & Performing Arts $5,201
- Accounting, Administration, Economics, Commerce $8,677
- Mathematics, Statistics $4,162
- Science $4,162
- Engineering, Surveying $7,412
- Agriculture $7,412
- Computing, Built Environment, Health $7,412
- Law $8,677
- Medicine $8,677

These contribution amounts are based on a full-time 48cp year. If you are studying part-time you will pay a proportional amount based on the number of credit points you are enrolled in (e.g. 3/4 of the full-time amount if you are enrolled in 36cp).

Other university costs to consider include textbooks, transport, parking, childcare, accommodation and living costs.

Financial Assistance
HECS-HELP
HECS-HELP is a loan scheme that assists Commonwealth supported students to pay the student contribution amount. You are eligible for HECS-HELP if you:
- are enrolled in a Commonwealth supported place; AND
- are an Australian citizen or holder of a permanent humanitarian visa.

If you are eligible for HECS-HELP you will be able to apply during the enrolment process. HECS-HELP debt is repaid via the Australian Tax Office once your income reaches the minimum threshold for compulsory repayment, which is $41,594 in 2008–09.

If you pay at least $500 of your student contribution amount up front, you will receive a 20% discount on the amount paid. Voluntary repayments made through the Australian Taxation Office (ATO) receive a 10% discount.

New Zealand citizens and holders of permanent non-humanitarian visas are not eligible for HECS-HELP.

More information about HECS-HELP is available on the Department of Education, Employment and Workplace Relations website: www.goingtouni.gov.au

You may also contact UniAdvice on 1300 367 869 or unadvic@uow.edu.au for a copy of the Information for Commonwealth Supported Students booklet.

UOW Students participating in International Exchange or Study Abroad may be eligible for the OS-HELP loans scheme, which allows students going on exchange to borrow up to $5,000.

YOUTH ALLOWANCE
Youth Allowance is the Commonwealth Government Student Assistance Scheme that provides financial aid to full-time undergraduate and some postgraduate tertiary students under the age of 25. If you are over 25, you can apply for Austudy through Centrelink. The main benefit is a living allowance (which is subject to an income test). For more information contact Centrelink on 13 24 90.

Austudy provides financial assistance for Aboriginal and Torres Strait Islander students. For more information contact Centrelink on 13 23 17 or the UOW Woolyungah Indigenous Centre on 1800 735 592.

EDSTART
EdStart is a University of Wollongong initiative for low-income undergraduate students who pay HECS. EdStart provides support for educational costs valued up to $500. These costs can include textbooks, materials, some IT equipment, printing, copying or childcare costs at the KidsUni childcare centre.

EdStart is not a cash award. Actual goods and services are provided through the University and UniCentre. For further information regarding criteria and application forms please contact Student Central on 1300 275 869 or studentq@uow.edu.au
How Do I Apply for a UOW Bachelor Degree?

How you apply depends on your qualifications. As a mature student, you can apply either directly to UOW or through the Universities Admissions Centre (UAC).

**DIRECT APPLICATIONS TO UOW**

**APPLY ONLINE**

apply.uow.edu.au

UOWApplyOnline allows you to make a secure online application to any undergraduate degree, excluding Creative Arts and Medicine programs.

**FORM-BASED APPLICATIONS**

An application form for UOW may be obtained by contacting UniAdvice on 1300 367 869, or can be downloaded from: www.uow.edu.au/future/apply

The application form must be submitted to UniAdvice by the closing date and will be assessed to determine whether you meet entry requirements.

**UOW DIRECT APPLICATION CLOSING DATES**

Due to the high demand for courses on offer the availability of places may be limited. The following dates can be used as a guide for the announcement of application outcomes:

<table>
<thead>
<tr>
<th>SESSION</th>
<th>CLOSING DATE</th>
<th>OFFERS ANNOUNCED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Autumn  (February)</td>
<td>30 September</td>
<td>Mid January</td>
</tr>
<tr>
<td>Spring (July)</td>
<td>1 May</td>
<td>End May</td>
</tr>
</tbody>
</table>

Late applications may be considered where places are available.

**WHAT DO I NEED TO PROVIDE WHEN APPLYING DIRECTLY?**

Please read the application form or online instructions carefully. Providing all of the required documents will avoid delays in the assessment procedure. Your application should include certified copies of transcripts for studies/subjects completed, including grades achieved and completion certificates. All non-original documents submitted with the application form must be certified as a true copy of the original, as specified on the application form.

Online applications will give you the option of electronically attaching scans of the relevant documents. Completed hardcopy forms can be sent or delivered in person to:

UniAdvice, Building 36
University of Wollongong
NSW 2522
Fax to: 02 4221 3233

**ADVANCED STANDING/CREDIT**

UOW welcomes applications for credit for any tertiary studies completed prior to enrolment at UOW. Each application is considered carefully and specified or unspecified credit may be awarded depending on the relevance to the degree. To apply you must provide full documentation of previous studies with photocopies of the relevant pages from the Handbook/Calendar of the institution concerned and a certified transcript of your results. More information is available at: www.uow.edu.au/handbook/generalcourserules

**UAC APPLICATIONS**

UAC publishes a guide each year, which includes detailed instructions on how to lodge an application for admission, as well as the UAI cut-offs for each course. These cut-offs are based on the previous year’s demand, and should be used as a guideline only. Students usually need to achieve the minimum UAI score (or equivalent) that applies to their chosen degree. Applications to UAC must be submitted by the end of June and September each year. For further information, contact UAC on 02 9752 0200 or visit: www.uac.edu.au

**Specific UOW Bachelor Degree Entry Information**

**BACHELOR OF CREATIVE ARTS AND ALL CREATIVE ARTS DOUBLE DEGREES**

Applicants must complete a Creative Arts Interview/Audition application form and (where appropriate) supply a portfolio of their work. Applications close in September each year. Applicants must meet both artistic qualifications, determined by an interview or audition, and an appropriate UAI score (or equivalent). The Creative Arts Interview/Audition application form can be downloaded from: www.uow.edu.au/future/apply or can be obtained by contacting UniAdvice on 1300 367 869.

**APPLICANTS WHO HAVE PREVIOUSLY STUDIED OVERSEAS**

Applicants must fulfill both the academic and English language requirements of the University of Wollongong. If your documents were produced in a language other than English, they must be accompanied by an official English translation. If you have not studied in English within the last two years in a country where the official language is English, you must satisfy the English language requirements of UOW. Evidence of your proficiency in English must be by an English language test such as the International English Language Testing System (IELTS – Academic) or Test of English as a Foreign Language (TOEFL) at the required level. Please contact UniAdvice on 1300 367 869 for further information regarding the University’s English language requirements or visit: www.uow.edu.au/future/international/english
The following is a list of the possible pathways you can choose in order to satisfy the academic entry requirements for a Bachelor degree at UOW. Please note that completion of some of these courses does not guarantee admission into UOW.

AUSTRALIAN YEAR 12
You can apply using your Australian Year 12 results, or an overseas equivalent, regardless of when you completed your schooling. Your results will be converted to a Universities Admission Index (UAI), which must reach the current minimum UAI for consideration.

WOLLONGONG COLLEGE AUSTRALIA (WCA)
Wollongong College Australia offers university preparation programs to teach you the skills and knowledge you need to succeed in your future degree at UOW. WCA is located on the UOW campus and provides a mature, supportive study environment. Successful completion* of a WCA academic program guarantees entry into your nominated UOW degree.

UNIVERSITY ACCESS PROGRAM (UAP)
The UAP is a preparation program specifically designed for mature students. The program:

- helps you to develop effective study habits including time management and independent learning skills
- familiarises you with the standards expected at University
- guarantees your entry into the first year of your nominated UOW degree upon successful completion*.

The UAP is completed in just 14 weeks of part-time study and delivered over three days a week. You can start the UAP in March, June or October†.

†The UAP is not available in March to students wanting to progress to Education or Health and Behavioural Sciences degrees.

There are limited places available for all College programs.

All applicants wishing to progress into the Bachelor of Nursing or a course offered by the Faculty of Education need to include with their application a separate written statement addressing the below criteria. Applications for these courses will only be considered upon receipt of this additional information.

1. State your most recent academic qualifications and results (e.g. HSC, TAFE)
2. Describe your career ambitions and motivation for studying
3. Describe any community involvement or other achievements relevant to your desired program of university study, e.g. teaching/childcare experience in the case of a Bachelor of Teaching
4. Describe your personal qualities that would make you suited to the profession

Students who receive an offer for the UAP are encouraged to apply for a Commonwealth supported place. Students who are awarded a Commonwealth supported place in the UAP will be exempt from paying any student contribution amounts to cover their UAP tuition as the Australian Government funds the full cost of these places. Other costs such as administration fees and textbooks must be paid for by the student, as they are not covered under the Commonwealth supported place. The UAP Commonwealth supported place application form can be downloaded from www.wca.uow.edu.au/media/uap_csp_app.pdf

Commonwealth supported places in the UAP are allocated on the basis of equity. Equity criteria include—but are not restricted to—low income, living in a rural or isolated region, women studying in non-traditional areas, having a permanent disability, and recent migration from a non-English speaking country. Indigenous Australians are also eligible.

For information on how to apply for a UAP Commonwealth supported place, contact UniAdvice on 1300 367 869.

WCA Information Evenings
The Wollongong College Australia Information Evening is held every year in January. WCA offers programs designed to strengthen study skills, build motivation and most importantly facilitates entry into university.

Students who successfully complete a WCA academic program are guaranteed entry into their nominated degree at the University of Wollongong.

Recent school leavers and mature students are invited to attend this free information evening. Learn about the programs offered, entry requirements and the fee assistance available. Tours of the College will also be available on the night.

Bookings are essential. Please book online at www.uow.edu.au/prospective/wcainfoeve or call 1300 367 869 to reserve your place.
Exceptions: The UAP does not provide direct entry to a four-year degree (excluding the Bachelor of Engineering and the Bachelor of Education); the single Law degree; any degree program offered by the Faculty of Creative Arts due to their interview/audition admission requirements; or any of the double degree programs. Students who want to study these programs can apply at the end of the UAP but will only be considered if they have achieved exceptional results. Alternatively, students can enrol in a relevant three-year degree and then apply to transfer after 6–12 months of study.

* The UAI entry requirements for WCA programs are dependent on the UAI set each year for University of Wollongong undergraduate programs. Progression to UOW is dependent on academic achievement in the preparation program.

SPECIAL TERTIARY ADMISSIONS TEST (STAT)
You can gain entry to UOW via the two-hour multiple-choice STAT. The STAT is designed to assess the range of skills and knowledge you will need for tertiary study. It is coordinated by the Universities Admission Centre (UAC) and held several times a year in Wollongong. Candidates can sit the multiple-choice STAT only once every six months. For more information about the STAT, please phone UAC on 02 9752 0200.

WEA Illawarra has developed a series of special workshops to help students prepare for the multiple-choice STAT. For more information regarding the STAT Preparation Workshop please phone WEA Illawarra on 02 4226 1622 or visit www.weaillawarra.com.au

Please note: the STAT does not provide an entry qualification for degrees offered by the Faculty of Law or the Faculty of Engineering.

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

Admission to UOW is dependent on the availability of places, completion of the TAFE course and the level of academic performance achieved in the course/s undertaken. Your TAFE results will be converted to a UAI equivalent during assessment to determine if they meet the minimum requirements. Some advanced standing for University study may be granted for these awards (excluding Certificate IV).

Successful completion of a Certificate IV may not be considered for entry to all undergraduate programs. Trade Certificates will not provide entry to undergraduate programs.
TAFE TERTIARY PREPARATION CERTIFICATE (TPC)
The TPC is an option for people who wish to
gain entrance to the University and for whom
a HSC course may be inappropriate. Entry to
UOW is dependent on the level of academic
performance achieved in the TPC. Contact
your local TAFE for more information or go
to www.tafe.nsw.edu.au

COMPLETED OR PARTIALLY-COMPLETED TERTIARY STUDIES
Applicants will need an appropriate record
of achievement in a Bachelor degree from an
approved university or other tertiary
institution, which is at least one-sixth
completed (excluding double degrees in
Law, which require one third of a degree).

LIMITED UNIVERSITIES ADMISSIONS INDEX
A Limited UAI is available for mature
students who are at least 20 years of age
on 1 March prior to the year of entry to the
program. Students must attempt, in one
sitting, between five and nine units of Board
developed subjects of the NSW HSC through
to a TAFE College, senior college or secondary
school. The Limited UAI score is calculated
from the five best units of Category A
subjects attempted including at least one
unit of English.

ALTERNATIVE ADMISSION PROGRAM FOR ABORIGINAL
AND TORRES STRAIT ISLANDER
APPLICANTS
This special UOW program gives Aboriginal
and Torres Strait Islander students access to
study through an achievement test
in interview. The test examines literacy,
numeracy and learning comprehension
skills. An advanced mathematics test is
available for candidates wishing to enrol in
degrees such as Accountancy, Economics,
Engineering, Science and other degrees that
require a strong knowledge of mathematics.
Those wishing to enrol in Creative Arts
are also required to undertake a faculty
interview/audition. For more information,
contact the Woolyungah Indigenous Centre
on 1800 735 592 or visit the website:
www.uow.edu.au/wic/altadmissionprogram

Study Areas @ UOW
For information on these areas of study,
please visit the UOW Coursefinder website
at coursefinder.uow.edu.au

ARTS/HUMANITIES
- Aboriginal Studies
- Asia – Pacific Studies
- Australian Studies
- Communication and Media Studies
- Community, Culture & Environment
- Employment relations
- English
- European Studies
- Gender Studies
- History
- International Relations
- Languagues
- Philosophy
- Politics
- Postcolonial Studies
- Resource & Environmental Studies
- Science, Technology & Society
- Sociology
- War and Society Studies

BUSINESS & COMMERCE
- Accountancy
- Business
- Business Information Systems
- eCommerce
- Economics
- Employment Relations
- Finance
- Hospitality/Events/Tourism
- International Business
- Management
- Management – Health
- Marketing
- Public Relations
- Supply Chain Management

CREATIVE ARTS/PERFORMANCE
- Creative Writing
- Graphic Design
- Journalism
- Media Arts
- Music/Sound
- Theatre/Performance
- Visual Arts

EARTH & ENVIRONMENTAL SCIENCES
- Ecology
- Environmental Science
- Geography
- Geology

EDUCATION
- The Early Years (0–5)
- Physical Health Education
- Primary Education
- Secondary Teaching
- Mathematics Education
- Science Education

ENGINEERING
- Civil
- Computer
- Electrical
- Environmental
- Materials
- Mechanical
- Mechatronic
- Mining
- Telecommunications

HEALTH SCIENCES
- Community Health
- Exercise Rehabilitation
- Indigenous Health
- Medical Science
- Nutrition/Dietetics
- Population Health
- Psychology

INFORMATION TECHNOLOGY
- Computer Science
- Digital Systems Security
- Information Systems
- Information Technology
- Internet Science & Technology
- Multimedia & Game Development
- Network & Systems Management
- Software Engineering

LAW
- Bachelor of Laws
- Law double degrees
- Graduate Law/Legal Practice

MATHEMATICS AND STATISTICS
- Finance
- Mathematics
- Statistics

MEDIA/COMMUNICATION STUDIES
- Media and Cultural Studies
- Journalism

MEDICINE
- Bachelor of Health Sciences
- Graduate Medicine

NURSING
- Nursing

SCIENCE
- Biology
- Biotechnology
- Chemistry
- International Science
- Land and Heritage Management
- Marine Science
- Medical Radiation Physics
- Medicinal Chemistry
- Nanotechnology
- Nuclear Science
- Photonics
- Physics
Arts: Humanities & Social Sciences

Students in the Arts and Humanities examine questions about why people behave the way they do, and why society sometimes changes in dramatic and unpredictable ways. As an Arts student, you will look at social movements from historical, political, philosophical and social perspectives, taking into account the literature, media coverage and films that these movements have generated. Faculty staff have interdisciplinary expertise across the Asia/Pacific region including Indonesia, India, Japan and countries of the South Pacific, as well as Europe.

Arts students are challenged and inspired to think independently, and an Arts degree will encourage you to think about and analyse the world. One common characteristic of the Faculty’s most successful graduates is their passion for their fields of study—Arts graduates feel fulfilled by the quality of teaching and learning they have enjoyed in their degrees.

The Faculty’s programs have a major focus on career outcomes, technological literacy and a vibrant research culture. Critical thinking and communication skills are vital assets for all graduates. Employers want articulate graduates who ask the right questions, people with well-developed writing and computer skills; strong research and analytical abilities; people who look at the ‘big picture’ and take an active interest in the world around them. All of these skills will be sharpened by a UOW Arts degree.

One of the best things about Arts degrees at UOW is their flexibility. They take into account that students new to university might not decide what area they want to specialise in straight away. The Bachelor of Arts degree allows room for several study options in the first year, and both the Bachelor of Arts and the Bachelor of Communication and Media Studies have room for elective subjects.

GRADUATE DESTINATIONS
- Advertising Executive
- Communications Consulting
- Defence Personnel
- Editor
- Foreign Affairs Officer
- Industrial Relations Officer
- Interpreter
- Journalist
- Marketing Consultant
- Media Worker
- Personnel Officer
- Politician
- Public Relations Consultant
- Publisher
- Retailer
- Reporter
- Researcher
- Teacher (with Graduate Diploma in Education)
- Translator
- Youth Worker

Full details of courses offered can be found at www.uow.edu.au/handbook/current
Bachelor of Arts

A Bachelor of Arts (BA) degree is one of the most popular university degrees. It is made up of traditional humanities subjects—History, Literature, Languages and Philosophy; and more recently developed social sciences, including Politics, Environmental and Resource Studies, Sociology, and Science and Technology Studies.

The pattern of study for a BA is focused on a sequence of subjects that forms a ‘major’, or specialisation in a particular area. Students take a major in at least one of the areas listed on the following pages, with the option to take a second Arts major, or to complete a major in an area of study from another Faculty (see page 24). Both majors may be completed within the normal three years and will be recorded on the final degree certificate (testamur). BA students may also complete a minor sequence (usually four subjects) in any of the major study areas or choose a wide range of elective subjects outside their major area.

In double degrees, students must take a minimum of one major from each faculty but normally take more; in a Bachelor of Arts – Bachelor of Commerce double degree, for example, a student might complete a Politics major in the Arts component and an Economics major and Human Resource major in the Commerce component of the degree. With a double degree, students graduate with two degrees in less time than it would take if the degrees were taken separately.

**INTERDISCIPLINARY AREAS OF STUDY**

Interdisciplinary majors are built around particular themes, with subjects taken from a number of traditional study areas. This allows you to select a thematic group of subjects, linking insights and methods from a number of disciplines. UOW’s wide range of interdisciplinary majors offer a challenging alternative to traditional areas of study. Interdisciplinary study equips you to examine and analyse social issues from historical, political, economic, philosophical, and sociological perspectives. The rapid rate of change in today’s world requires flexibility and creativity in the application of knowledge, and an interdisciplinary major will encourage you to solve problems by thinking creatively.

**ABORIGINAL STUDIES**

**BACHELOR OF ARTS (ABORIGINAL STUDIES)**

This major combines Aboriginal Studies subjects offered by the Woolyungah Indigenous Centre with subjects offered by the Faculties of Arts, Creative Arts, Education, Law, Science and Health and Behavioural Sciences. Students will gain a detailed understanding of Aboriginal perspectives on Aboriginal societies, cultures and histories.

**ASIA – PACIFIC STUDIES**

**BACHELOR OF ARTS (ASIA – PACIFIC STUDIES)**

The recent changes that have taken place in this part of the world demonstrate how forces of globalisation are increasingly shaping a future where Australia will need to be able to connect to wider cultural, social, political and economic trends. Asia – Pacific Studies prepares graduates to participate in these changes through future roles in government, trade, law, social policy, and development studies.

The subjects in the major are taken from cultural studies, history, politics, economics and languages; with particular attention paid to Southeast Asia, India, Korea and Japan. Through the International Exchange Program, students may also study for a session or more in Asia as part of their degree (see page 72).

**AUSTRALIAN STUDIES**

**BACHELOR OF ARTS (AUSTRALIAN STUDIES)**

Australian Studies has been designed to introduce students to the various ways Australian issues are addressed and analysed from a variety of different perspectives. It includes subjects from Aboriginal studies, history, politics, literature, media and cultural studies, sociology, science and technology studies and gender studies. The major tackles questions of national identity, race, gender, and social, cultural and political diversity; and offers a rich insight into the complexities and contradictions that contribute to notions of ‘Australia’ and ‘Australian’.

**EMPLOYMENT RELATIONS**

**BACHELOR OF ARTS (EMPLOYMENT RELATIONS)**

This course examines issues of work and employment including: comparative pay determination; industrial relations; employment law; negotiation and bargaining; and global labour studies. Employment relations continues to be a high-profile issue in Australia and abroad, and it forms an integral part of most peoples daily lives. Graduates will gain the necessary skills to become professional practitioners or policy makers in business associations, employing organisations, trade unions and other employee organisations, government and nongovernment organisations.

**EUROPEAN STUDIES**

**BACHELOR OF ARTS (EUROPEAN STUDIES)**

European Studies allows students to study French, Italian or Spanish and subjects dealing with European civilisation, culture and minorities. Core subjects taken from language studies, history and politics are complemented by other subjects offered in science, technology and society; philosophy; and literature.

The major in European Studies allows students to develop their knowledge of a specific geopolitical and economic area of great significance to Australia; as well as the linguistic, cultural and intellectual skills required to understand and interpret European affairs.

**GENDER STUDIES**

**BACHELOR OF ARTS (GENDER STUDIES)**

The Gender Studies major looks at the construction of gender from a number of different perspectives: literary, historical, sociological and legal. The major also deals with a range of associated cultural issues including race, ethnicity, class and the family, and focuses on increasingly sophisticated and pervasive attempts to persuade society that gender equity has been achieved. Gender Studies looks not only at what it means to be female, but also at queer theory and definitions of masculinity. Subjects are taken from Arts, Commerce, Education, Health & Behavioural Sciences, Law and Science.
INFORMATION STUDIES
BACHELOR OF ARTS (INFORMATION STUDIES)
Information technology is of central importance today and it is crucial that people can critically analyse and negotiate their way in this environment. In contrast to courses providing training in information technology, Information Studies examines information issues from social perspectives. In addition to learning about computer languages and communication systems, the major teaches students the skills required to use, critically analyse, and contribute to transforming information systems in their social context. The subjects in information studies are taken from a range of social science and humanities disciplines, and address issues including technological change, popular culture, new media, and politics.

POSTcolonial STUDIES
BACHELOR OF ARTS (POSTcolonial STUDIES)
This major draws on the University’s unique strengths in the field of Postcolonial Studies, both as a teaching and research area. It is an interdisciplinary major that examines and questions the nature of postcolonialism by approaching a rich and complex area of study from different perspectives. Postcolonial Studies combines subjects offered by the Faculty of Arts, the Faculty of Creative Arts, the Faculty of Law and the Woolyungah Indigenous Centre. The core subject, POCO 300 (Beyond Postcolonial? Interdisciplinary Directions) integrates disciplinary approaches and suggests new ways of approaching postcolonialism through interdisciplinary study.

RESOURCE AND ENVIRONMENTAL STUDIES
BACHELOR OF ARTS (RESOURCE & ENVIRONMENTAL STUDIES)
Resource and Environmental Studies (RES) looks at environmental issues from social perspectives. The rationale behind RES is that many environmental problems are not just technical issues, but involve political struggles, ethical choices, human behaviour, economic trade-offs and conflicts over scientific knowledge. Subjects in the major are drawn from earth and environmental sciences; science, technology & society; philosophy; law and economics.

WAR AND SOCIETY
BACHELOR OF ARTS (WAR & SOCIETY)
A new era of wars between states, religions and civilisations has arisen in the first decade of the twenty-first century. The new major in War & Society aims to help students understand this new era of war, empires and failed states; and the impact war has on society in general. Students examine the different perspectives that historians, political scientists, sociologists, philosophers and literary experts have applied to studies of war, and look at the history of war, the political and religious dimensions of war. Students can choose to specialise in particular geographic areas or countries, or on the nature of war in specific historical periods.

SUSAN LEPPAN
BACHELOR OF ARTS
PHILOSOPHY & SOCIOLOGY
I took a gap year in 1977 and got swallowed up by life. A university degree was something I always wanted, so I decided to stop wishing and just do it. I had already made a major career change from the corporate sector to the human services sector, and sociology and philosophy seemed to support that. I now see myself continuing work in community development or perhaps adult education.

UOW has given me the satisfaction in knowing that you can teach an old dog new tricks. I have the courage to try other new things and am able to spend time with young people, get to know them, and gain an appreciation of their ideas.

KEN ZYLSTRA
BACHELOR OF ARTS
ENGLISH LANGUAGE AND LINGUISTICS & HISTORY
For 18 years I had been a tradesman, and I owned and operated a successful business, but I wanted a career change and needed to increase my knowledge. I have an interest in English and history and I feel that High School teaching is an occupation I will be good at. I plan to complete my degree and do an additional year to undertake a Graduate Diploma in Education.

UOW’s facilities are extremely good and are improving all the time. It is a great place to learn, and I would recommend it to anyone considering further study.
More Traditional Areas of Study

**ENGLISH LANGUAGE AND LINGUISTICS**

**BACHELOR OF ARTS (ENGLISH LANGUAGE & LINGUISTICS)**

This major addresses the immediate literacy needs of university students in terms of written and spoken English, as well as developing linguistic and analytical skills which build the language awareness that allows students to be sophisticated users of English. Subjects develop skills in English language, linguistics and global communication, which students can apply to careers in language teaching, or use to assist them in their own academic writing. There are two streams: English for Professional Purposes; and Teaching English to Speakers of Other Languages (TESOL), which can lead to a professional qualification in TESOL with further study.

**ENGLISH LITERATURES**

**BACHELOR OF ARTS (ENGLISH LITERATURES)**

The English major introduces students to a broad range of literary texts—novels, poetry, essays, drama, short stories, film, diaries and letters—drawn from medieval times to contemporary popular culture. A strong international focus draws texts from Australia, Africa, the Caribbean, New Zealand, the Pacific, Canada, India, and the UK. The major teaches students to analyse what they read and articulate their responses with sharp critical skills and cultural sensitivity. Students are encouraged to enquire into the politics of the production and reception of these texts—to understand aesthetics and the value of literature as they relate to questions of race, gender, sexuality, class, and nation. Students can range broadly across genres and literary periods or they can follow streams of subjects in areas including Australian literature; Postcolonial literatures; Indigenous Australian, Canadian and New Zealand literatures; Gender Studies; and Literature by historical period.

**HISTORY**

**BACHELOR OF ARTS (HISTORY)**

History aims to understand and interpret the past, bringing together both facts and moral judgements to analyse the background to contemporary society. Students will develop a sophisticated critical appreciation of contemporary approaches to historical theories, methods, interpretation, argument, and uses of evidence that will be used to understand the broad scope of human experiences—from our everyday lives, to larger global processes.

The History program focuses upon themes that link Australian and international history, including culture, environment, gender, globalisation, historiography, labour, war and regional development. These themes may be traced in broad histories in specific geographic locations in Australian, Asian and European societies; or explored thematically in terms of empires, the political and social impacts of wars, the development of the State, the history of water, commodification history, or the history of sickness and death.

**MEDIA AND CULTURAL STUDIES**

**BACHELOR OF ARTS (MEDIA & CULTURAL STUDIES)**

This major provides a critical and theoretical understanding of media and culture. It places emphasis on questions of identity, power, diversity, globalisation and the cultural dimensions of social, scientific and technological change and political engagement. The core subjects introduce students to the key ideas and debates underpinning the field of Cultural Studies. Students also study a range of methods for analysing film, television and new media materials, developing the skills to think critically about the practice and representation of these issues. Students are encouraged to investigate these issues at the local and international levels. The conceptual knowledge and skills in research and analysis that students gain are useful in a wide range of related fields including journalism, media research, arts management, the public service, public affairs, and social advocacy.

**PSYCHOLOGY**

For information on completing a BA major in Psychology, please see the Faculty of Health & Behavioural Sciences section on page 42.

**PHILOSOPHY**

**BACHELOR OF ARTS (PHILOSOPHY)**

Do human beings have free will? Is the mind distinct from our physical constitution? Does God exist? Is mortality a matter of opinion? These are some of the questions that may be examined in the philosophy major. Areas of study include ethics (environmental ethics, bioethics and practical ethics), theoretical ethics, political philosophy, philosophy of feminism, philosophy of the mind, philosophy of language, and theories of knowledge and metaphysics.

**POLITICS**

**BACHELOR OF ARTS (POLITICS)**

Politics is an exciting, vibrant and constantly changing body of ideas, approaches and methods. In the Politics program, students will gain an understanding of the key areas of politics; including international relations, Australian politics, political theory, comparative politics, the politics of developing countries, and public policy, culture and media. Studies focus on political institutions, political economy, globalisation, culture, class, gender and ethnicity to examine the origins and nature of political consent, authority and consensus which underpin the social order. Whether it is a country being studied, relations between countries, or a body of political ideas, the politics major encourages students to think about questions on how to live life and how best to contribute to society.

**SCIENCE, TECHNOLOGY AND SOCIETY**

**BACHELOR OF ARTS (SCIENCE, TECHNOLOGY & SOCIETY)**

Modern science and technology underpins almost every feature of our society, impacting daily upon our lives and shaping our futures. Science, Technology and Society (STS) is the academic field which studies the origin, nature and social impact of science, technology and medicine; looking at questions such as what makes knowledge ‘scientific’, how our future will depend on technology, and how we can develop policies to solve the problems that come with technological change. This major is one of the longest established, most comprehensive and most innovative STS teaching programs in Australia. Subjects cover topics including the social aspects of science and technology, science and the media, technological change and popular culture.

**SOCIOLGY**

**BACHELOR OF ARTS (SOCIOLGY)**

Sociology is the study of social life, cultural and social change and the social causes and consequences of human behaviour. Students develop the ability to analyse a wide variety of social processes, institutions, causes of social change and the structures of groups and societies. Graduates will be able to contribute solutions to complex problems covering issues such as social inequality, globalisation, criminal justice and racism. Specific areas of study include gender and social class, crime and punishment, race and ethnicity, the family, welfare and education reform, everyday life experiences, social movements, social change in Asia, sport and entertainment, and youth and popular culture.

**Languages**

In 2008, the Faculty opened a brand new Language Centre providing high quality undergraduate and higher degree languages programs, including Spanish, Italian, Japanese and French with the addition of a number of new language offerings, such as Indonesian/Malay and Mandarin. We are also developing language courses for students in other Faculties—as well as within the BA and BCMS programs—in professional development for business, technical use and for leisure and travel. These will prove invaluable, whether you’re looking to participate in a global business world, or want to broaden your perspective.

**FRENCH**

**BACHELOR OF ARTS (FRENCH)**

A major in French allows students to study language, literature and culture, either as beginners or advanced learners. Students who enter the major at post-HSC or advanced levels will be exempted from some language subjects. Students have the option of studying overseas at an exchange university in France (see page 72).
ITALIAN
BACHELOR OF ARTS (ITALIAN)
Italian may be studied at beginner/near-beginner level, or at post-HSC level. The major consists of language subjects and subjects where students study the history and culture of the Italian-speaking world. Depending on their level of fluency, students may enter the degree at an advanced level, and native or near-native speakers may be granted waivers for the second-year language subjects. Students have the option of studying overseas at an exchange university in Italy (see page 72).

JAPANESE
BACHELOR OF ARTS (JAPANESE)
Japanese may be studied at beginner/near-beginner level, or at post-HSC level. The major consists of language subjects, cultural subjects and a period of study in Japan. It focuses on developing language skills that will be practical in real life situations, both spoken and written, while also aiming to prepare students for academic research.

SPANISH
BACHELOR OF ARTS (SPANISH)
Studies in Spanish consist of language subjects and subjects where students study the history and culture of the Hispanic world, including literature, music, film and art. Spanish is the third most widely spoken language in the world: it is spoken by more than 400 million people across four continents and is the official language in more than 20 countries; and is increasing in demand for business, trade and tourism industries in the Asia-Pacific. The program also encourages students to spend a semester studying abroad at universities in either Spain or Latin America.

Bachelor of Arts Advanced*
This is a four-year Bachelor degree for high-achieving students who will be guaranteed entry into Honours as part of their degree. In addition to the research-based fourth year, students undertake a special seminar series in first and second years and a research project in third year.

*subject to approval

Bachelor of International Studies
The Bachelor of International Studies analyses labour, employment, social change and development, inter-state relations, state development and transnational economies from a global perspective.

The course consists of a set of core subjects, two years studying a foreign language and a choice from several specialist areas of study. The core subjects listed below set out the main themes of the degree.

- Introduction to International Studies
- Empires, Colonies and the 'Clash of Civilisations'
- International Politics
- Senior Seminar in International Studies
- Global Labour Studies
- Special Topics in International Studies.

A particular focus of the degree, in terms of case studies, will be on the Asia-Pacific region.

Second Majors
Bachelor of Arts students may take a second major from any Faculty within the University of Wollongong. Some of the more common options are:

- Faculty of Commerce: Economics, Management, Marketing
- Faculty of Health and Behavioural Sciences: Psychology
- Faculty of Education: Education
- Faculty of Law: Legal Studies
- Faculty of Science: (Human Geography, Physical Geography)

Further Study
- Bachelor of Arts (Honours) is available to graduates who meet the standard of achievement required for progression to this research-based one-year course
- Coursework and Research Masters—the Faculty offers a range of Masters programs following the completion of a relevant major in a three-year Bachelor degree
- Doctor of Philosophy (PhD)
- Graduate Diploma in Education

Teaching Careers with a Bachelor of Arts Degree
The Bachelor of Arts is an excellent path to the Graduate Diploma in Education and a career in primary or secondary teaching. Students who want to teach Arts subjects like English and History in secondary school need a BA, but it is also a good option for students who are interested in primary teaching. The flexibility of the Arts degree means you can select subjects which satisfy the Department of Education & Training requirements for entry into the GradDipEd (Primary) and also keep other career options (like journalism or marketing) open. Before selecting your first-year subjects, you should speak to an advisor from the Faculty of Arts and talk to the Faculty of Education about your proposed degree program.

Bachelor of Arts (Dean’s Scholar)
The Dean’s Scholar degree is an academic program for high-achieving Arts students that provides an enriched educational experience for students who are hoping to make a contribution to their field of study through teaching or research, or as professionals in the Arts and Humanities areas. Each Dean’s Scholar has an academic mentor—a member of academic staff who offers advice in one of the Scholar’s areas of study. The program has a limited number of places each year, and allows students to complete the BA in reduced time, entering Honours in the third year. Dean’s Scholars have the opportunity to complete subjects in first year that are not normally available to first-year students. Exemption from certain first-year subjects and extended subject loads may also be permitted.

Entry to this degree is by application and interview. HSC students must apply through UAC and submit a separate Dean’s Scholar application form to the Faculty of Arts. Non-HSC students who are applying to the University must also submit a Dean’s Scholar application. Applications close on the same date as UAC. Contact UniAdvice on 1300 367 869 or uniadvice@uow.edu.au for more information.

The Dean’s Scholar degree is not a scholarship. Students intending to apply for a place in this degree are encouraged to apply for a UW scholarship separately (see page 69). Dean’s Scholars are, however, awarded an annual book allowance of $500 for the entirety of their undergraduate degree (pro rata for part-time students).

Bachelor of Arts (Community, Culture & Environment)*
Why does Australia Day mean different things to different people? What part is played by the media, government, the community, scientists and industries in dealing with the environment? How and why does social policy change over time? How can we find out what other people think about cultural issues? What role does history play in helping us to understand present day social change? As a student in the Bachelor of Arts (Community, Culture & Environment) you will explore these questions.

The BA (Community, Culture & Environment) is constructed from a selection of subjects from the Faculties of Arts, Commerce and Education. These are offered through a range of delivery modes including video-conferenced lectures and seminars, web-based audio lectures and study modules; face-to-face classes and online classes taught in combination with classes at the Wollongong campus.

Students study a series of subjects with a strong Australian content in the areas of environment, social and public policy, cultural heritage (including Aboriginal studies, history and literature), and communication studies (including film and television). Minor studies in Aboriginal Studies, English Literatures, History, Media & Cultural Studies, Politics and Sociology can be completed at satellite campuses. Students may also take a second major from any of the BA majors or those offered by other Faculties. Some of the subjects for these second majors will need to be completed at the Wollongong campus.
Teaching Careers with a BA (Community, Culture & Environment)

An average mark of 70 is required to be eligible for entry into the Graduate Diploma in Education. The NSW Department of Education and Training also requires a certain pattern of study which is different for primary and secondary teachers, and which needs to be taken into account when planning your degree. Students planning to proceed to the Graduate Diploma in Education should consult the Faculty of Education for information and advice on selecting an appropriate sequence of subjects before selecting their first-year subjects.

*This course is available only at the Batemans Bay, Bega, Moss Vale and Shoalhaven campuses.

Bachelor of Communication and Media Studies

This degree draws on the University’s expertise in media research, global communication and digital media to give students a comprehensive theoretical background in communication and media studies and practical skills in contemporary and developing communications practices.

The Bachelor of Communication & Media Studies is a vocationally oriented degree that opens up employment possibilities in fields such as journalism, advertising and marketing, public affairs and press relations, and will provide graduates with the skills to plan and manage communications-related tasks in a wide range of organisations. Graduates will have a broad set of skills across a number of media areas, and be able to play a leading role in the market-related application of new technologies and cultural communications practices.

Students take a number of compulsory subjects in communication and media studies which provide a variety of theoretical frameworks for specialisations in journalism, advertising and marketing, screen studies or digital communications. Specialisations include a number of elective subjects that allow students to focus on areas of particular interest.

It is also possible to take two specialisations, or to take a second major from another area of study within the Faculty of Arts or from other faculties.

MAJORS

ADVERTISING AND MARKETING

BACHELOR OF COMMUNICATION & MEDIA STUDIES (ADVERTISING & MARKETING)

This specialisation provides students with an understanding of consumer behaviour, marketing communications, marketing principles, media ethics and media law. Students will learn how to manipulate the ‘marketing mix’—the ways goods and services are promoted and advertised—and develop the skills needed to work in communications marketing in both national and international contexts.

JOURNALISM

BACHELOR OF COMMUNICATION & MEDIA STUDIES (JOURNALISM)

The journalism specialisation focuses on media convergence, based on the practical foundation of generic media print techniques. Subjects in feature writing, desktop publishing, investigative reporting, writing for the media and copy-editing give students a broad portfolio of practical skills in all aspects of journalism and publishing.

SCREEN STUDIES

BACHELOR OF COMMUNICATION & MEDIA STUDIES (SCREEN STUDIES)

This major provides students with experience in media content analysis and an understanding of key policy and theoretical issues raised by the globalisation of broadcast media. Students will develop advanced skills in the research and critical analysis of screen media, as well as a thorough knowledge of the history of film and television production in Australia and the US.

DIGITAL COMMUNICATION

BACHELOR OF COMMUNICATION & MEDIA STUDIES (DIGITAL COMMUNICATION)

This specialisation allows students to take a leading role in the development of new communications technologies, dealing with areas such as the Internet and mobile telephony. Subjects cover new media communications and globalisation, new media industries and practices, advertising and promotional culture, video and computer games, and projects in digital media.

International Bachelor of Communication and Media Studies

The IBCMS is a four-year degree that offers high-achieving students the chance to integrate an Honours year, a foreign language minor, and a session of study abroad in one of the four majors providing them with a BCMS’s competitive advantage in seeking employment in media and communications institutions that operate internationally. A distinctive feature of the degree is the extension subjects for each specialisation, which are taught by staff with research expertise in the field. Students gain an in-depth understanding in the transnational flow of media content, aspects of global copyright ownership and responses to shared challenges such as marketing, piracy, censorship and governance, which will prepare students for their session abroad and their final year of study.

The course consists of a core set of subjects plus:

- A fourth year of advanced study (Honours)

- A Language Other Than English (LOTE) Minor
- A session of study abroad with a partner institution

Completion of two of the four specialisations offered by the Degree:

- Advertising and Marketing
- Journalism
- Digital Communication
- Screen Studies

The LOTE Minor will provide students with language skills, while the session spent studying abroad will give students insights and experiences in networking with people working in media and other students studying in their field.

FURTHER STUDY

- Master of Journalism
- Master of Arts – Research
- Doctor of Philosophy (PhD)

BACHELOR OF JOURNALISM

For information on the Bachelor of Journalism, please see the Faculty of Creative Arts section on page 33.

Internships

CANBERRA INTERNSHIPS

Faculty of Arts students have the opportunity to participate in an internship program which enables them to work for up to a semester in a particular office of the Parliament of Australia, in government departments, or in a participating agency in the private sector. Most internships are located within Parliament House and the Public Service. The Australian National Internships Program (ANIP) involves a competitive application process and is based at the Australian National University. Students take up an unpaid internship, which, with prior agreement with the Department or School, will count towards their Bachelor of Arts or Bachelor of Communication & Media Studies degree. Interns will have to take some introductory coursework before taking up their postings.

The ANIP is a valuable addition to your curriculum vitae and all UOW students who have participated in the program rate it as one of the highlights of their undergraduate studies.

WASHINGTON INTERNSHIP

Faculty of Arts students may also apply to participate in an unpaid eight-week internship in Washington DC. Students are placed in US Congressional offices, gaining a unique opportunity to understand how the US political system operates. As well as being directly exposed to the workings of Congress, students will have the opportunity to consider how Australia is perceived from afar and also to learn more about a country whose policies, laws and culture impact on Australia so significantly. The internship can count towards a UOW degree.

For more information on Internships go to: www.uow.edu.au/arts/current/internships.html
2010 marks a new focus for the Bachelor of Commerce at UOW. Our belief in Commerce students as a force for positive change has led to the creation of a new Bachelor of Commerce that is unique to Australia.

As a Commerce graduate, you will leave UOW with more than a degree and great employment prospects. You will walk away as someone who is informed, connected and a clear communicator. We educate students to become socially responsible, innovative and flexible businesspeople. We believe these qualities will empower tomorrow’s leaders, innovators and entrepreneurs.

Our Faculty’s purpose—to inspire socially innovative commerce—links business innovation across private, non-profit and government sectors to the collective wealth and wellbeing of our planet. It is underpinned by an understanding of genuine corporate social responsibility, environmental sustainability, personal and business ethics, and human rights.

The Faculty of Commerce has a strong reputation within Australia and overseas for the quality of its teaching and research. Our reputation is reflected in the business community’s demand for our graduates.

Studying socially innovative commerce at UOW is an undertaking to work for the creation of better futures for individuals, organisations and communities.

**GRADUATE DESTINATIONS**
- Accountant (Commercial, Forensic, Public or Tax)
- Advertising Executive
- Auditor (Internal or External)
- Banker
- Brand Manager
- Business Owner
- Communications Officer
- Credit Analyst
- Economist
- Entrepreneur
- Event Planner
- Environmental Modeller
- Financial Analyst
- Financial Planner
- Financial Systems Designer
- Human Resources Director
- Hospitality Executive
- Insurance Broker
- Investment Analyst
- Market Researcher
- Marketing Executive
- Personnel Officer
- Public Policy Planner
- Public Strategy Specialist
- Public Relations Consultant
- Product Manager
- Quality Controller
- Sales Executive
- Stock Broker
- Statistician
- Supply Chain Manager
- Sustainability Consultant
- Taxation Consultant
- Teacher
- Tourism Executive
- Venture Capitalist

Full details of courses offered can be found at: [www.uow.edu.au/handbook/current](http://www.uow.edu.au/handbook/current)
DEGREES AT A GLANCE

<table>
<thead>
<tr>
<th>DEGREE</th>
<th>APPROX. UAI</th>
<th>FULL-TIME DURATION</th>
<th>ASSUMED KNOWLEDGE</th>
<th>RECOMMENDED STUDIES/ADDITIONAL REQUIREMENTS</th>
<th>LOCATION</th>
</tr>
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<tbody>
<tr>
<td>Bachelor of Business Administration (Hospitality)</td>
<td>72</td>
<td>3 years</td>
<td>Any 2 units of English</td>
<td>Applicants need to be 18 years of age by 1 April in their first year of study</td>
<td>Loftus, Wollongong</td>
</tr>
<tr>
<td>Bachelor of Business Administration (Event Management)</td>
<td>72*</td>
<td>3 years</td>
<td>Any 2 units of English</td>
<td></td>
<td>Loftus, Wollongong, Shoalhaven</td>
</tr>
<tr>
<td>Bachelor of Business Administration (Tourism Management)</td>
<td>72</td>
<td>3 years</td>
<td>Any 2 units of English</td>
<td></td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Commerce (Accountancy)</td>
<td>75†</td>
<td>3 years</td>
<td>Any 2 units of English</td>
<td></td>
<td>Batemans Bay, Bega</td>
</tr>
<tr>
<td>Bachelor of Commerce (All other majors)</td>
<td>75</td>
<td>3 years</td>
<td>Any 2 units of English</td>
<td></td>
<td>Moss Vale, Shoalhaven, Wollongong</td>
</tr>
<tr>
<td>Bachelor of Commerce (Dean’s Scholars)</td>
<td>93</td>
<td>3 years</td>
<td>Any 2 units of English</td>
<td>Demonstrated excellence in Business Administration-related subjects. Separate application and interview required</td>
<td>Batemans Bay, Bega, Moss Vale, Shoalhaven, Wollongong</td>
</tr>
</tbody>
</table>

NB: UAI is to be used as a guide only and are based on the previous year’s demand.
*Approximate UAI of 70 for Shoalhaven Campus.
†’73 for Shoalhaven, Batemans Bay, Bega and Moss Vale campuses.

Bachelor of Commerce with Majors
All students enrolled in a Bachelor of Commerce study the principles of responsible commerce in their first year, along with the core disciplines of accounting, economics, finance, management and marketing. In second year, students discover specialised areas of study by choosing from 12 majors. In the third year, every student undertakes the new capstone subject, ‘socially innovative commerce’, while continuing in-depth study in their chosen majors.

Bachelor of Commerce without Major
This degree allows students to undertake a broad education in commerce. Students complete core commerce subjects along with ‘socially innovative commerce’. They are openly able to select subjects from all Commerce disciplines without being restricted to any particular major.

MAJORS

ACCOUNTANCY

BACHELOR OF COMMERCE (ACCOUNTANCY)
Whether working for a multinational company, a government agency, or in public practice, accountants play a pivotal role in advising management or their clients on the financial direction of the enterprise. This major prepares students for a career in all levels of industry, with an emphasis on integrating theory and practice that provides experience in the many diverse areas of accountancy. On completion, students will have the necessary skills and qualifications to work as an accountant. Graduates who have completed the prescribed degree program (the Accountancy major plus other specified subjects) can apply to join the Certified Practicing Accountant body (CPA Australia) and the Institute of Chartered Accountants in Australia (ICAA). Graduates are also eligible to apply for membership with the Association of Chartered Certified Accountants and the Chartered Institute of Management Accountants.

BUSINESS INNOVATION

BACHELOR OF COMMERCE (BUSINESS INNOVATION)
Business Innovation is a crucial source of competitive advantage and the prime mover of economic growth. The Business Innovation major is designed to enable students to thrive in an ever-changing business environment. This major combines concepts from management, marketing and economics in a non-technical and accessible manner. This framework provides students with the tools and knowledge base to successfully create and adopt innovations.

FINANCIAL PLANNING

BACHELOR OF COMMERCE (FINANCIAL PLANNING)
Financial planners must have an understanding of finance and accounting, management and marketing. Financial Planning is the design of specific financial outcomes that meet a client’s unique needs, financial resources and objectives. It incorporates aspects of investment planning, taxation and social services planning, retirement planning, risk planning and estate planning.

This major develops skills including tax planning, investment analysis, portfolio management, risk and insurance planning, and estate planning, all of which are needed for recognition by the Australian Securities and Investments Commission (ASIC) and the Financial Planning Association (FPA). This major prepares graduates to work as financial planners for banks, life insurance companies or credit unions; funds managers; corporate entities; or to be self-employed. The degree is recognised by the Financial Services Institute of Australasia (FINSIA) and is accredited with the FPA for entry into the FPA Certified Financial Planner Education Program.

BUSINESS LAW

BACHELOR OF COMMERCE (BUSINESS LAW)
This major provides graduates with the skills and knowledge base required to successfully understand the context, application and impact of law on the structures and transactions of business. The Business Law major covers topics including the law of business organisations, eCommerce law, contract law, taxation law, Occupational Health & Safety law and labour relations law; and complements studies in other disciplines by providing a legal perspective.

ECONOMICS

BACHELOR OF COMMERCE (ECONOMICS)
Economics provides an understanding of the operation of the economy at both macro and micro levels. This major covers policy analysis relating to modern business, health care, the environment, the labour market, national economic management, and international monetary issues. Students will develop a historical understanding of the Australian economy, and will develop analytical tools that are applied to a wide range of topics affecting the national and international economy.

Important issues explored include unemployment, the level of national debt, international trade, the extent of poverty and problems confronting developing countries. Economics graduates have the necessary skills and knowledge for a variety of careers or for further study. Students with an economics major have moved into careers in international, financial and policy institutions, and as economic advisers and policy analysts in the public sector and business organisations.
Finance

Bachelor of Commerce (Finance)

Finance studies the ways in which individuals, businesses, and other organisations raise, allocate and use money. Individuals need to allocate their savings among different investment alternatives. Businesses and other organisations need to raise and invest capital to provide value for their owners, and individuals, businesses and other organisations use financial markets to exchange capital with each other.

The Finance major covers topics like business finance, financial markets and institutions, investment analysis, financial modelling, portfolio management, international finance, and risk and insurance. The Finance major is recognised by the Financial Services Institute of Australasia (FINSIA).

Finance can be a rewarding career for those interested in analysing and solving financial problems. The study of finance can also complement studies in another area of Commerce, allowing students to develop a better understanding of the firm as a whole. Since finance underlies all business functions, a sound understanding of financial decision-making is essential for business success.

Bachelor of Mathematics & Finance

Students interested in Finance may also like to consider the Bachelor of Mathematics & Finance. More information is on page 51.

Human Resource Management

Bachelor of Commerce (Human Resource Management)

Business firms and the public sector increasingly recognise that a major source of sustainable success is found in capable and productive human resources. The Human Resource Management (HRM) major focuses on the human side of organisations. The major is accredited by the Australian Human Resources Institute and is relevant to students wishing to pursue a professional career in HRM, as well as to those students who see people management as a necessary part of their future skills portfolio.

This major provides students with an understanding of human resource management theories, concepts and applications, including detailed study of theory and practices in key functional areas of HRM such as job analysis, recruitment and selection, training and development, change management, organisational behaviour, organisational analysis, and occupational health and safety management.

International Business

Bachelor of Commerce (International Business)

The International Business major gives you an awareness and understanding of business in other cultures and regions. It prepares you to respond to the intricacies of international business, including the impact of differing cultures and languages, issues posed by differing markets, and differing government regulations.

I wanted to improve my knowledge and skills base and improve my employment and promotion prospects. UOW has a reputation as being one of the best universities in Australia. I work in superannuation, so the Bachelor of Commerce degree was relevant to my job. It is not as scary as it may seem initially. You soon get over the fact that you are taking subjects with 18-year-olds, and your life experience leaves you better equipped to manage the pressures involved with study.

I had always wanted to return to study, but after 25 years the thought was daunting. All my doubts and insecurities flooded in, worries about balancing work, family and study. Needless to say, I overcame the fears and the subjects have rolled on by.

Those considering study at UOW should go for it. It is never too late and there is joy just in the learning. Every day that I arrive at uni I get out of my car, take a big breath, look around, and think to myself, I am so glad to be here today!
You will gain an understanding of international trade theory and policy, strategic management, cultural diversity, communications and decision making as they relate to contemporary international business issues including financial management, employment relations, industry and trade in South-East Asia, and international marketing and management.

As advances in technology make the world ‘smaller’, employers are increasingly seeking graduates with international business skills. This major develops the skills needed for a career in transnational corporations or large non-government organisations (NGOs) in Australia and across most industries globally.

**MANAGEMENT**

**BACHELOR OF COMMERCE (MANAGEMENT)**

Management is the art and science of planning, coordinating and leading group efforts. It is the mobilisation of human and material resources to achieve organisational goals. Managerial skills include the ability to make sound judgements on all issues that arise within a business, and to achieve objectives through organisational skills.

This major combines subject areas including business communications, organisational behaviour, human resource management, strategic management, operations management and quality management. It aims to develop a theoretical and practical understanding of the complexities of management; as well as skills in decision making, conflict resolution, administration and communication.

**MARKETING**

**BACHELOR OF COMMERCE (MARKETING)**

A Marketing major provides graduates with the skills to generate products and services for which there is a defined customer need, and to position those products or services in the market with effective branding, promotion, pricing and distribution strategies.

This major is geared towards problem-solving and management decision-making. Through subjects including market research, Internet marketing and international marketing, students learn how to analyse, plan, organise, motivate and control the marketing process; as well as the communication skills and creative thinking that are essential to successful marketing.

**PUBLIC RELATIONS**

**BACHELOR OF COMMERCE (PUBLIC RELATIONS)**

The Public Relations major produces graduates with the knowledge and skills to communicate with and build relationships between people, businesses, and social networks. On completion of this major, graduates will be equipped to pursue a public relations career in business, government or the community sector.

In addition to management and marketing subjects, the major includes subjects in corporate branding, public relations concepts, strategies and campaigns.

**SUPPLY CHAIN MANAGEMENT**

**BACHELOR OF COMMERCE (SUPPLY CHAIN MANAGEMENT)**

Supply Chain Management (SCM) is a critical area of competitive advantage for organisations. SCM involves managing the flow of products, services and information from the suppliers, through value adding intermediaries, to the customer’s customer. It includes managing technical processes such as procurement, manufacturing and marketing within the firm; and relationships between organisations such as manufacturers, distributors, wholesalers and retailers. An understanding of people and relationships are essential skills in managing these relationships.

The Supply Chain Management major is designed to enable students to gain an overall understanding of supply chain structure and related interfaces. It provides the opportunity for students to specialise in a number of areas such as logistics, operations, systems thinking, quality and supply chain strategies.

**MINOR STUDIES**

Bachelor of Commerce students can choose to minor in all major areas of study except Financial Planning. Minors in Electronic Commerce and Business Information Systems are also available.

**FURTHER STUDY**

- Bachelor of Commerce (Honours): available to graduates who meet the high standard of achievement required for progression to this research-based one-year course.
- Coursework or Research Masters: the Faculty offers a wide range of Masters programs for graduates of the Bachelor of Commerce or Bachelor of Business Administration.
- Doctor of Philosophy (PhD): available to graduates who have demonstrated research potential through completion of either Honours or a Masters program.

**Business Administration**

**EVENT MANAGEMENT**

**BACHELOR OF BUSINESS ADMINISTRATION (EVENT MANAGEMENT)**

This program is jointly delivered by UOW and TAFE, and is designed to provide a broad and comprehensive preparation for a career in event management. Students complete their UOW business degree concurrently with event management studies at TAFE. Upon completion, students will be awarded a degree from UOW and a Diploma of Event Management from TAFE.

**HOSPITALITY**

**BACHELOR OF BUSINESS ADMINISTRATION (HOSPITALITY)**

This program is jointly delivered by UOW and TAFE, and is designed to provide a broad and comprehensive preparation for students wishing to pursue a management career in the hospitality industry. The program delivers specialist practical training in a variety of sectors in the hospitality industry along with the managerial skills and concepts needed for a career in senior hospitality management. Students undertake their UOW business degree concurrently with their hospitality studies at TAFE.

Upon completion, students will be awarded a degree from UOW and a Diploma in Hospitality from TAFE. To be eligible for this course, students must be 18 years of age by 1 April in their first year of TAFE enrolment.

**TOURISM MANAGEMENT**

**BACHELOR OF BUSINESS ADMINISTRATION (TOURISM MANAGEMENT)**

This program is jointly delivered by UOW and TAFE, and is designed to provide a broad and comprehensive preparation for a career in tourism management. Students undertake their UOW business degree concurrently with tourism management studies at TAFE. Upon completion, students will be awarded a degree from UOW and a Diploma of Tourism Management from TAFE.

Dean’s Scholar

**Bachelor of Commerce**

The Dean’s Scholar degrees provide an enriched educational experience for high-achieving students. Entry is by separate application, with a minimum UAI requirement of 93 (or equivalent). An interview may be required as part of the application process.

Dean’s Scholar degrees fulfil the same requirements for their respective courses, but may be permitted to take accelerated programs after their first session. They also receive one-to-one mentoring from an academic in their selected discipline, special opportunities to attend workshops and seminars, and may obtain access to work experience relevant to their proposed careers. They are awarded a special book allowance of $500 ($250 for part-time study) and gain entry into a leadership program. Dean’s Scholars are well prepared for their future role as business leaders.

Current Commerce students may apply to transfer to the Dean’s Scholar program after the completion of a minimum of 48 credit points (one year of full-time study) at UOW. HSC Students must apply through UAC and submit a separate Dean’s Scholar application form to the Faculty of Commerce. Applications for the Dean’s Scholar program close on the same date as UAC. Non-HSC students must also submit a Dean’s Scholar application.

Contact the Faculty of Commerce, or UniAdvice on 1300 367 869 or uniadvice@uow.edu.au for more information. The Dean’s Scholar degree is not a scholarship. Students intending to apply for a place in this degree are encouraged to apply for a UOW undergraduate scholarship (see page 69).

Application forms can be downloaded from:

www.uow.edu.au/commerce/forms
Creative Arts offers seven main disciplines—graphic design, visual arts, media arts, journalism, creative writing, performance and sound (composition and music production), and interaction between these areas is encouraged. As a Creative Arts student, you will benefit from the Faculty’s flourishing relationships with diverse practitioners, cultural organisations and teaching institutions. The courses aim to develop technical skills and artistic insight, and an important feature of all programs is the linking of theoretical, historical and aesthetic perspectives with up-to-date skills acquisition through practice-based subjects and professional arts practice.

Approximately 40 new students are accepted into each of the discipline majors each year, ensuring you receive a high level of personal attention. Teaching staff are supportive, practising professionals whose work is nationally and internationally recognised.

The courses are designed to present you formally to your prospective audience, through performance, exhibition or publication. These opportunities occur regularly over the course of the degree.

The Faculty’s culture fosters a lively community, emphasising innovation and creative risk-taking. Modern studios, specialist performance spaces and galleries provide an inspiring work environment, showcasing the work of students and staff as well as hosting Australian and international exhibitions and performances. The Faculty values and promotes individual difference and encourages the exploration of new art forms and new technologies.

You will have the opportunity to work in areas of overlap between the arts and to study with leading visual artists, designers, composers, performers, journalists and writers. A regular program of visiting artists and artists-in-residence will expose you to the work of Australian and international practitioners, from cultures as varied as Japan, Mexico, Taiwan, Turkey, Sri Lanka, the USA and the UK.

The Faculty offers degrees in Creative Arts and Journalism, which may be studied as single degrees or in one of the double degree combinations listed on pages 60-61. A Creative Arts and Journalism double degree is also possible.

**GRADUATE DESTINATIONS**
- Art Teacher
- Composer
- Curator
- Design Manager
- Drama Teacher
- Editor
- Graphic Designer
- Gallery Manager
- Journalist
- Multimedia Specialist
- Museum Manager
- Novelist
- Painter
- Playwright
- Poet
- Publisher
- Screenwriter
- Sculptor
- Singer
- Sound Designer
- Stage Manager
- Technical Producer
- Television Performer
- Television Producer
- Textile Artist
- Theatre Performer
- Theatre Technician
- Web Designer

Full details of courses offered can be found at: [www.uow.edu.au/handbook/current](http://www.uow.edu.au/handbook/current)
DEGREES AT A GLANCE

<table>
<thead>
<tr>
<th>DEGREE</th>
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<th>FULL-TIME DURATION</th>
<th>ASSUMED KNOWLEDGE</th>
<th>RECOMMENDED STUDIES/ADDITIONAL REQUIREMENTS</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Creative Arts (All majors)</td>
<td>*</td>
<td>3 years</td>
<td>Any 2 units of English</td>
<td>Students must meet both academic and artistic entry requirements, and submit a portfolio and/or attend an audition and/or interview, depending on their chosen specialisation.</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Creative Arts (Dean’s Scholar)</td>
<td>90</td>
<td>3 years</td>
<td>Any 2 units of English</td>
<td>Demonstrated excellence in 2 or more Creative Arts fields. Separate application required.</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Journalism</td>
<td>*</td>
<td>3 years</td>
<td>Any 2 units of English</td>
<td>Entrance is based on UAI, a written submission, plus a workshop and interview</td>
<td>Wollongong</td>
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</tbody>
</table>

NB: UAIAs to be used as a guide only and are based on the previous year’s demand. Median UAI in 2008 was 84.80. *See assumed and recommended knowledge.

**Bachelor of Creative Arts**

The Bachelor of Creative Arts is structured to develop both theoretical knowledge and practical skills. Students complete practice-based subjects (through relevant studio practice, laboratory work and/or projects) and subjects providing a theoretical context in each year of the degree.

**CREATIVE WRITING**

**BACHELOR OF CREATIVE ARTS (CREATIVE WRITING)**

This major offers both a practical and theoretical understanding of writing practice. Classes are based around a combination of lectures, workshops, group discussions and individual presentations; students participate in public readings and performances as well as publication projects. In addition to writing fundamentals and theory subjects, students specialise in one or more of the following areas in first year: Poetry; Prose Fiction; or Scripting for Film, Television or Theatre. These specialisations are developed into large-scale writing projects by the final year. Additional subjects in editing and professional practice for creative writers are offered in second and third years.

**GRAPHIC DESIGN**

**BACHELOR OF CREATIVE ARTS (GRAPHIC DESIGN)**

This major combines Visual Arts and design theory with laboratory production components. Students are introduced to a range of graphic and digital imaging techniques and practices across a number of conceptual and industry contexts including graphic design, web, and interactive multimedia design. The major encourages an interdisciplinary approach to the study and practice of creative print and screen-based design. Student work is showcased throughout the year in one of the gallery spaces in the Faculty.

The first year of the course covers both an introduction to graphic design and to theories of visual and graphic arts. Students are encouraged to carry out research on historical and contemporary designers and cultural trends, and then experiment with a range of production techniques, computer software, hardware skills and creative solutions. Students gain a solid grounding in visual art methods of drawing and constructing images, both analogue and digital.

During second year, students pursue specialised study in typography, campaign graphics, editorial design, web design and design theory. Students will be more independent in their motivations and research focus. Increasingly, student projects are concerned with real clients and job briefs. Theory and production subjects run in parallel throughout the year.

The focus in third year is upon developing advanced graphic design skills within a professional, applied context. Major projects are developed for real clients and students develop advanced critical and practical skills in print and interactive new media, culminating in the public exhibition of their work within the Graduate Show.

**MEDIA ARTS**

**BACHELOR OF CREATIVE ARTS (MEDIA ARTS)**

Media Arts explores the creative potential of traditional and contemporary forms of media, from photography and film through to electronic, networked and programmable media. This major is closely linked to the Visual Arts and Graphic Design majors. Students have the opportunity to pursue dedicated study in these other fields alongside their study in Media Arts. The overall aim is to encourage a dialogue between traditional forms of art and graphic design and emerging forms of new media practice.

First year involves core creative and critical literacy subjects, as well as introductory subjects in media production, web authoring and creative computing. The approach is studio-based, with a focus on developing skills in conceptually informed and technically literate experimental practice.

Second year maintains a strand of core Visual Arts practical and theoretical study and includes specialised study in physical computing and experimental film-making and animation. Students develop greater independence in their project work and exhibit their major projects in an installation context.

The final year has strong individual project emphasis, complemented by continuing core Visual Arts study. Students develop advanced skills in project research, planning, development and installation, culminating in the public exhibition of their work within the Graduate Show.

**PERFORMANCE**

**BACHELOR OF CREATIVE ARTS (PERFORMANCE – THEATRE AND PRODUCTION)**

This major has been designed to develop skills leading to a high level of theatre-making, performance and production. Students undertake studies in physical performance (acting and movement); voice (singing and speech); dramaturgy, history and theory; text interpretation; contemporary performance and production.

**SOUND – COMPOSITION AND MUSIC PRODUCTION**

**BACHELOR OF CREATIVE ARTS (SOUND – COMPOSITION & MUSIC PRODUCTION)**

This major examines the key concepts of music composition, digital sound studies and sound production, exploring the creation and manipulation of sound through the use of digital technologies. The design of sound for multimedia applications forms a significant component of the major. Creativity is extended through studies in the theory of sound (acoustics); composition (electronic media, improvisational, and vocal and instrumental); computer music applications; and critical listening skills.

**VISUAL ARTS**

**BACHELOR OF CREATIVE ARTS (VISUAL ARTS)**

This major is based on studio practice and related theory and history studies. The studio processes cover textiles, painting and sculpture— with support studies in drawing, printmaking, photography, video, installation, digital image making and curatorial practices. Student work is shown throughout the year in various gallery spaces in the Faculty.
In first year, studio subjects introduce students to a range of processes and media. Studio skills are taught, and a critical approach to their use is fostered in weekly seminars that explore the histories of each art and craft discipline.

In second year, studio subjects build on these basic techniques and skills. Increased emphasis is placed on the students’ ability to achieve independence in ideas, technical skills and work practices. Students are encouraged to contextualise their artwork in contemporary practice by developing research processes, attending exhibitions and participating in the wider artistic community.

In third-year studio subjects, students are expected to explore and develop personal themes and ideas to a greater depth. Professional practice as a visual artist is introduced. This includes skills in visual presentation appropriate to the medium, gallery practice and compiling a professional portfolio. The focus is on the completion of a body of work for exhibition in the final-year graduating exhibition.

**Visu Al Arts  And GrAPhiC desiGn**

**Bachelor of Creative Arts (VisuAl Arts & GrAPhiC desiGn)**

This fully prescribed major of 144 credit points is designed for those who have strong interests in both visual arts practice and in aspects of graphic design. It allows visual artists who wish to broaden their career options to develop skills that have commercial application. The graphic design emphasis in this major is towards design for print media, using both manual and digital technologies. Studio subjects are supported by design theory and visual arts theory subjects.

**Bachelor of Creative Arts (Dean’s Scholar)**

The Dean’s Scholar program is designed with a high level of individual flexibility allowing students to mix programs of study drawn from any two of the major areas within the Bachelor of Creative Arts degree. Students who perform well in the audition/interview in two areas of study and obtain a UAI of at least 90 (or equivalent) are eligible for the Dean’s Scholar program.

HSC students must apply through UAC and must also submit a separate Dean’s Scholar application form to the University by the advertised deadline.

Contact UniAdvice on 1300 367 869 or uniadvice@uow.edu.au for more information.

The Dean’s Scholar degree is not a scholarship. Students intending to apply for a place in this degree are encouraged to apply for a UOW undergraduate scholarship as well (see pages 69).
FURTHER STUDY

Bachelor of Creative Arts (Honours) is available to Creative Arts graduates who meet the high standards of achievement required for progression to this one-year course. Admission is by recommendation from the relevant head of the discipline and approval by the Dean of the Faculty, as well as acceptance by an academic supervisor in the discipline.

A range of Coursework and Research Masters programs is offered for graduates of relevant Bachelor degrees.

- Doctor of Philosophy (PhD)
- Doctor of Creative Arts (DCA)

Applying for a Bachelor of Creative Arts

For entry into the Bachelor of Creative Arts or any Creative Arts double degree you will need to complete a Creative Arts Interview/Audition application form, and (where appropriate) supply a portfolio of your work. This is in addition to your UAC application.

Application forms are available from Careers Advisers in all high schools and TAFE colleges in NSW and the ACT and from UOW: Contact UniAdvice on 1300 367 869 to request a copy, or download the form at www.uow.edu.au/crearts

Application forms and portfolios are to be sent to the Faculty of Creative Arts by the advertised deadline. A fee of $50 will apply for applications submitted after this date. Please contact Uniadvice to confirm closing dates for late applications. Applicants need to meet artistic entry requirements, determined by application and an interview or audition, together with an appropriate UAI score (or equivalent).

All applications will be considered and selected applicants will be notified of an interview or audition to assess their suitability to study the Bachelor of Creative Arts.

INTERVIEWS AND AUDITIONS

Applicants must be prepared to demonstrate their ability (in both theory and artistic practice) to meet the criteria for their proposed major.

Multimedia Design

BACHELOR OF MULTIMEDIA DESIGN*

This course, new for 2010, will provide a sophisticated education in all aspects of multimedia production, focusing particularly on digital animation and video, web production, and computational media. The course combines industry relevance with an experimental creative arts approach. Students study at TAFE and UOW concurrently, and on completion are awarded a degree from UOW and an Advanced Diploma from TAFE.

This course provides dedicated practical skills in sophisticated multimedia production and an informed critical understanding of contemporary media arts perspectives.

*subject to final approval

Applying for a Bachelor of Journalism

Entry into a Journalism degree is based on UAI, interview and written application. For entry into the Bachelor of Journalism (and all related Journalism double degrees), you will need to complete a Bachelor of Journalism application form, which includes a written submission. This is in addition to your UAC application.

Applications including written submissions are due by the advertised deadline. A fee of $50 will apply for applications submitted after this date. Please contact Uniadvice to confirm closing dates for late applications.

Application forms are available from Careers Advisers in all high schools and TAFE colleges in NSW, ACT and from UOW. Contact UniAdvice on 1300 367 869 to request a copy, or download the form at www.uow.edu.au/crearts

Bachelor of Communication and Media Studies (Journalism)

For information on the Bachelor of Communication & Media Studies (Journalism) degree, refer to the Faculty of Arts section on page 25.
The Faculty of Education has built an international reputation on the excellence of its pre-service education programs and the quality and diversity of its ongoing research programs. The Faculty offers Bachelor degree programs in five main teaching areas: The Early Years; Primary; Physical and Health Education; Mathematics Education and Science Education. UOW graduates are constantly in demand by education authorities in countries around the world, including the UK, USA and Canada.

Postgraduate programs of study in Education are also well recognised. These programs include: Information Technology in Education and Training, Physical and Health Education, Special Education, Educational Leadership, Adult Education and Teaching English to Speakers of Other Languages (TESOL). In addition, pre-service teacher education at the postgraduate level is offered through the Graduate Diploma in Education (Primary) and Graduate Diploma in Education (Secondary).

The knowledge and expertise of the Faculty's academic staff and their participation in a wide range of research areas and leadership positions are well recognised. Their commitment to teaching as a profession and to the education of students makes UOW an outstanding environment for nurturing effective teachers.

Successful completion of an Education degree will qualify you to develop a rewarding and productive career in the field of education, enabling you to work in the Australian national school system and throughout the world.

GRADUATE DESTINATIONS:
- Child Care Manager
- Educational Consultant
- Educational Manager
- High School Teacher in:
  - Art
  - Drama
  - English
  - History
- Language
- Mathematics
- Computing Science
- HSIE
- Music
- Science
- Physical and Health Education
- Outdoor Education 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

Full details of courses offered can be found at: www.uow.edu.au/handbook/current
Professional Experience Opportunities

Extensive opportunities are provided for professional experience in all preservice teacher education courses. In each program, students begin their placements in relevant settings within their first year of study. Students in each of the degrees also have an opportunity to undertake a period of overseas practice teaching in China, Malaysia, Fiji or Thailand. Teaching experience in mobile teaching units in western NSW areas is also available as an opportunity.

EARLY CHILDHOOD EDUCATION

BACHELOR OF EDUCATION – THE EARLY YEARS

The Bachelor of Education – The Early Years is an exciting new approach to professional preparation in the Early Childhood sector. It is a four year program and its focus is on children aged 0–5. It also has a strong social justice focus and offers unprecedented input and community immersion through local and regional early childhood services.

ADVANCED STANDING

Academic credit of 48 credit points (equivalent to one year of full-time study) may be awarded to students who have completed a Diploma in Social Science (Child Studies) or equivalent.

FURTHER STUDY

- Master of Education – Research
- Doctoral degrees in Education

PHYSICAL AND HEALTH EDUCATION

BACHELOR OF PHYSICAL AND HEALTH EDUCATION

This degree is concerned primarily with providing pre-service education for teachers, although it develops concepts of health, physical education, outdoor education and teaching that can be applied to other community settings. UOW is a leader in this field, and the degree reflects the growing importance and potential of physical and health education in today’s society. The course extends over a minimum period of four years and offers studies in Physical Education, Health Education, Curriculum and Pedagogy, Educational Foundations and Movement Science. Students will also study subjects that have a cross-curriculum perspective such as Aboriginal Education, Information and Communication Technology, Learners with Exceptional Needs, Educational Research and Risk and Behaviour Management.

FURTHER STUDY

- Graduate Certificate in Outdoor Education
- Master of Education
- Doctoral degrees in Education

PRIMARY EDUCATION

BACHELOR OF PRIMARY EDUCATION

This course aims to develop reflective, professional teachers who can work effectively in a variety of educational settings including primary schools in both the public and private sectors. Core subjects are drawn from a number of different areas including Professional Development, Education Foundation Studies, Teaching and Learning with Technology, Studies in the Key Learning Areas, and Elective Studies.

This course may be completed on a part-time basis. Students intending to attempt the degree part-time should consult the Director of Primary Education during enrolment.

FURTHER STUDY

- Master of Education
- Master of Education – Research
- Doctoral degrees in Education

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### DEGREES AT A GLANCE

<table>
<thead>
<tr>
<th>DEGREE</th>
<th>APPROX. UAI</th>
<th>FULL-TIME DURATION</th>
<th>ASSUMED KNOWLEDGE</th>
<th>RECOMMENDED STUDIES/ADDITIONAL REQUIREMENTS</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Primary Education</td>
<td>78</td>
<td>4 years</td>
<td>Any 2 units of English</td>
<td>Any 2 units of Mathematics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Education – The Early Years</td>
<td>72</td>
<td>4 years</td>
<td>Any 2 units of English</td>
<td>Any 2 units of Mathematics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Physical &amp; Health Education</td>
<td>78</td>
<td>4 years</td>
<td>Any 2 units of English</td>
<td>Any 2 units of Science or Personal Development, Health &amp; Physical Education</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Mathematics Education</td>
<td>75</td>
<td>4 years</td>
<td>Mathematics and any 2 units of English</td>
<td>HSC Mathematics Extension 1</td>
<td>Loftus</td>
</tr>
<tr>
<td>Bachelor of Science Education</td>
<td>75</td>
<td>4 years</td>
<td>Any 2 units of Mathematics and any 2 units of English</td>
<td>4 units of Science selected from Chemistry, Physics, Biology or Earth and Environment. Students with a limited background in these subjects, or mathematics, are advised to enrol in bridging courses held in February each year at the Wollongong campus</td>
<td>Loftus</td>
</tr>
<tr>
<td>Bachelor of Arts (Education &amp; another Arts Major)</td>
<td>75</td>
<td>3 years</td>
<td>Any 2 units of English</td>
<td>English Advanced</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Graduate Diploma in Education (Primary)</td>
<td>1 year</td>
<td>Three-year Bachelor degree (minimum credit average) plus NSW DET requirements as detailed on page 37</td>
<td>Shoalhaven, Wollongong, Bega, Batemans Bay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Diploma in Education (Secondary)</td>
<td>1 year</td>
<td>Three-year Bachelor degree (minimum credit average) plus NSW DET requirements as detailed on page 37</td>
<td>Wollongong</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NB: UAIs to be used as a guide only and are based on the previous year’s demand.
SECONDARY EDUCATION
BACHELOR OF SCIENCE EDUCATION
This course is offered at the Loftus Education Centre and is directed towards providing educational training for Secondary Science teachers. The focus is on developing secondary school teachers who are critical reflective practitioners with a sound basis of practical teaching skills.
The degree combines theoretical and practical experience in the disciplines of mathematics and education leading to a fulfilling career as a secondary science teacher. The science concepts developed may also be applied to a range of other community settings.
Students study the following areas:
- Educational Foundation Studies
- Curriculum & Pedagogy
- Discipline Studies in Science or Mathematics
- Teaching & Learning in Science or Mathematics

Students in some specialisations may need to complete some third and fourth year subjects at the Wollongong campus.

FURTHER STUDY
- Master of Education
- Master of Education – Research
- Master of Science
- Doctoral degrees in Education

BACHELOR OF MATHEMATICS EDUCATION
This course is offered at the Loftus Education Centre and is directed towards providing educational training for Secondary Mathematics teachers. The focus is on developing secondary school teachers who are critical reflective practitioners with a sound basis of practical teaching skills.
The degree combines theoretical and practical experience in the disciplines of mathematics and education leading to a fulfilling career as a secondary mathematics teacher. The mathematical concepts developed may also be applied to a range of other community settings.

Students in some specialisations may need to complete some third- and fourth-year subjects at the Wollongong campus.

FURTHER STUDY
- Master of Education
- Master of Education – Research
- Master of Mathematics
- Doctoral degrees in Education

Vanessa Sabljak
Bachelor of Primary Education

Having spent a few years working in an office environment, I got sick of just waiting for the work day to finish. I wanted to make a positive impact on other people.
The Bachelor of Primary Education at UOW extended great opportunities, the chance for practicum in my first year and the prospect of teaching overseas.
If you are thinking of studying at UOW, you should investigate the structure of the degree you are thinking of, and explore the extra activities and opportunities available in the faculty.
Further Study Options for Teaching Qualifications

**BACHELOR OF ARTS (EDUCATION)**
Students who hold a Bachelor degree with approved teaching method subjects can apply to undertake a Graduate Diploma in Education (Primary or Secondary) which will qualify them to teach in most states and territories of Australia. The Faculty also offers a range of postgraduate courses designed to provide further teacher professional development. A unique structure of ‘nested’ Graduate Certificate, Graduate Diploma and Masters courses allows students with a Bachelor degree to undertake a program of between one and three sessions in the following areas: Adult Education, Educational Leadership, Computer Based Learning, Language and Literacy, Gifted Education, Higher Education, Special Education, TESOL (Teaching English to Speakers of Other Languages), and Vocational Education and Training.

**GRADUATE DIPLOMA IN EDUCATION**
The Graduate Diploma in Education is a professional pre-service program in Education for graduates who wish to become qualified teachers. The program aims to combine the practical and theoretical elements of teaching by involving students in practical and theoretical work from very early in the program. Opportunities for developing the skills required for teaching across relevant disciplines areas are provided throughout the program and blocks of Professional Experience are provided in cooperation with local schools and teachers.

Admission to the program is on the basis of suitability of the first degree, academic merit and a demonstrated interest in education. Students must confirm with the Faculty of Education that their undergraduate degree meets the NSW Institute of Teachers (NSWIT) requirements. Undergraduate transcripts should be submitted to The Faculty of Education for assessment in the year preceding commencement of the Graduate Diploma in Education. Preference for admission is given to UOW graduates.

**GRADUATE DIPLOMA IN EDUCATION (PRIMARY)**
Students must have an undergraduate degree that meets the teaching requirements of the NSWIT for primary teaching, including studies in at least three of the following subject areas:
- Mathematics
- Science and Technology
- English
- Personal Development, Health, Physical Education
- Human Society and its Environment (includes Economics, Geography, History, Aboriginal Studies, Business Studies, Sociology, Religious Studies and Society and Culture)
- Creative Arts (including Art, Drama, Music and Visual Arts)

This program is also offered at the Shoalhaven, Bega and Batemans Bay Centres. The program is three sessions in length and has been accelerated into one calendar year.

**GRADUATE DIPLOMA IN EDUCATION (SECONDARY)**
At the secondary level, the teaching subjects known as Methods, available are:
- Art
- Drama
- English
- French
- Modern History
- Mathematics
- Music
- Social Science & Geography (includes Legal Studies and Commerce)
- Science
- Physical & Health Education
- Computer Studies

Methods offered are dependent on the number of applicants and not all methods are offered every year. Students must have an undergraduate degree that meets the teaching requirements of the NSWIT for secondary teaching, including a major in the intended teaching subject.

**FURTHER STUDY**
- Master of Education
- Master of Education – Research
- Doctoral degrees in Education

Prohibited Persons Legislation
All Teacher education students must complete a Prohibited Employment Declaration before undertaking practical teaching experience as required by the Child Protection (Prohibited Employment) Act 1998.

Department of Education And Training
Interviews are arranged between students and the DET to assist in the appointment of graduates as teachers where vacancies exist.

ENTRY REQUIREMENTS FOR THE DEPARTMENT OF EDUCATION AND TRAINING
The New South Wales Department of Education and Training (DET) requires Primary graduates seeking employment with the Department to have completed any two units of Mathematics and any two units of English, or equivalent subjects, as part of their HSC or university studies, to gain registration as a teacher.

Teaching in Catholic Schools
In conjunction with the Diocese of Wollongong Catholic Education Office, the Faculty of Education offers students the opportunity to undertake a Certificate of Religious Education which fulfils requirements for full-time employment in Catholic schools.

Accreditation
All of the courses offered by the Faculty of Education are required to adhere to rigorous accreditation standards in line with Government and UOW policies.
UOW Faculty of Engineering graduates are not only involved in a wide range of exciting technical projects, they can also run the organisations in which they work. They are problem solvers; they manage projects, people and finances. They are helping to build a sustainable future.

As a student and potential engineer, you will develop strong fundamental skills in mathematics, science, engineering science, and communications; before branching into one of the many specialisations available. A design thread running through each degree ensures you will develop the skills needed for innovation in the competitive industries of the future.

UOW is a leading engineering research institution in Australia, building on long standing collaboration with local and multinational industries. As a student you will be able to interact with teaching staff at the forefront of their field of research. You can work in well-designed laboratories and workshops, experience essential to develop of engineering skills. An experimental program, which is a feature of UOW Engineering degrees, complements this work.

As a UOW engineering student you can gain credit for relevant work experience, either in Australia or overseas, by participating in our Professional Options Program.

Wollongong has a large industrial base, giving many students exposure to the expertise of practising engineers as well as the opportunity to visit some of the most important industrial sites in the country.

**Physics**

Physics is the basis of engineering. Physical principles discovered by scientists are exploited by engineers to make materials and machines that answer the needs of humanity. UOW recognises this fundamental connection by basing physics in the Faculty of Engineering. Courses available include Physics, Photonics and Medical Radiation Physics. UOW has strong research programs in fundamental Physics and the Centre for Medical Radiation Physics is a world leader in its field. Current phenomena being uncovered in Physics research laboratories will form the basis of new engineering techniques and devices in the future. Today’s physics is tomorrow’s engineering!

**Graduate Destinations**

- Astronomer
- Civil Engineer
- Computer Systems Engineer
- Construction Manager
- Consulting Engineer
- Design Manager
- Electronics Engineer
- Environmental Engineer
- Geotechnical Engineer
- Maintenance Manager
- Materials Engineer
- Mechanical Engineer
- Medical Physicist
- Metallurgist
- Mine Manager
- Power Station Manager
- Production Engineer
- Project Manager
- Structural Engineer
- Systems Analyst
- Telecommunications Engineer
- Transport Engineer
- Water Quality Manager

Full details of courses offered can be found at: [www.uow.edu.au/handbook/current](http://www.uow.edu.au/handbook/current)
The general course structure for the Bachelor of Engineering is as follows:

- **first year** The first year is largely common and focuses on the foundations of Engineering, including Mechanics, Design and Innovation, Materials, Computing, Mathematics, Chemistry, and Physics. This provides students with the basic engineering and science skills required for future years.

- **second & third years** A strong thread of design subjects runs through each major; and students will develop an important set of communication, management, research and information skills, as well as an understanding of the role of an engineer in society, and the significance of sustainable development. Students also take specialist subjects in their major area of study.

- **fourth year** A research project is included in the final year as well as additional coursework from the major study. Honours are awarded at the end of the course on the basis of overall performance throughout the four years of study. All students must complete 12 weeks of approved professional work experience before graduation, usually in the period between the third and fourth years.

### DEGREES AT A GLANCE

<table>
<thead>
<tr>
<th>DEGREE</th>
<th>APPROX. UAI</th>
<th>FULL-TIME DURATION</th>
<th>ASSUMED KNOWLEDGE</th>
<th>RECOMMENDED STUDIES/ADDITIONAL REQUIREMENTS</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Engineering (Civil) (Environmental) (Materials) (Mechanical) (Mechatronic) (Mining)</td>
<td>78</td>
<td>4 years</td>
<td>Any 2 units of English plus Mathematics†</td>
<td>Physics, Chemistry and HSC Mathematics Extension 1 (Engineering Studies if available)</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Engineering (Computer)* (Electrical)* (Telecommunications)*</td>
<td>78</td>
<td>4 years</td>
<td>Any 2 units of English plus Mathematics and 2 units of Science</td>
<td>English Advanced, HSC Mathematics Extension 1 and Physics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Engineering (Scholars program)</td>
<td>93</td>
<td>4 years</td>
<td>HSC Mathematics Extension 1</td>
<td></td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Medical and Radiation Physics Advanced</td>
<td>90</td>
<td>4 years</td>
<td>Any 2 units of English, Mathematics &amp; Physics†</td>
<td>English Advanced, HSC Mathematics Extension 1 &amp; Chemistry</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Medical and Radiation Physics</td>
<td>80</td>
<td>3 years</td>
<td>Any 2 units of English, Mathematics &amp; Physics†</td>
<td>English Advanced, HSC Mathematics Extension 1 &amp; Chemistry</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science – Advanced (Physics)</td>
<td>90</td>
<td>4 years</td>
<td>Any 2 units of English plus Mathematics &amp; Physics†</td>
<td>HSC Mathematics Extension 1 plus Chemistry or Physics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science (Materials) (Nuclear Science &amp; Technology) (Photonics) (Physics)</td>
<td>74</td>
<td>3 years</td>
<td>Any 2 units of English plus Mathematics†</td>
<td>HSC Mathematics Extension 1 plus Chemistry or Physics</td>
<td>Wollongong</td>
</tr>
</tbody>
</table>

NB: UAI is to be used as a guide only and are based on the previous year’s demand.

*For further information, refer to the Faculty of Informatics on pages 47-51.

**Students with limited background in Physics or Chemistry are advised to enrol in bridging courses held in February each year.**

Students with *General Math* or a low *Maths* HSC result will be required to enrol in a Maths Enabling Subject in the first session of study. For Information on the Bridging Courses and the Maths Enabling Subject, refer to page 41.

### Bachelor of Engineering

**PROFESSIONAL RECOGNITION**

Bachelor of Engineering degrees are accredited by Engineers Australia and relevant world engineering bodies through the Washington Accord. This ensures recognition by equivalent professional engineering bodies in the USA, UK, Hong Kong, Japan, New Zealand, Canada, South Africa and others. The Malaysian Public Service Department (JPA) accredits the University’s Engineering degrees and the Professional Engineering Board, Singapore accredits the Civil, Mechanical, Electrical and Computer Engineering degrees.

### MAJORS

**CIVIL**

**BACHELOR OF ENGINEERING (CIVIL ENGINEERING)**

Civil engineers plan, design, construct, operate and maintain buildings, bridges, dams, harbours, water supply systems, waste management systems, airports, roads, tunnels and railways. Subjects cover topics such as engineering design and innovation, geotechnical engineering, hydraulics and hydrology, and structural design.

**ENVIRONMENTAL**

**BACHELOR OF ENGINEERING (ENVIRONMENTAL ENGINEERING)**

Environmental engineers are concerned with assessing, planning and managing the effects of human and other activity on the natural and built environment; through applications such as environmental impact assessment, natural resource management, pollution control and cleaner production; hazardous waste management, and environmental engineering design.

**MATERIALS**

**BACHELOR OF ENGINEERING (MATERIALS ENGINEERING)**

This major focuses on the development, manufacture and use of metals, ceramics, polymers and composite materials in engineering design and construction. Topics covered include: the structure and properties of materials; mechanical behaviour and fractures; and thermodynamics. In the final year, students choose elective subjects from the specialist areas of materials science and technology, metallurgical processing and materials manufacturing.

**MECHANICAL**

**BACHELOR OF ENGINEERING (MECHANICAL ENGINEERING)**

This major includes all aspects of the design, installation, operation and maintenance of machinery. Final-year electives cover topics including sustainable energy and engineering systems, applied mechanics, bulk materials handling, machine control, aerodynamics, and manufacturing.
ADAM KISS  
BACHELOR OF ENGINEERING  
ENVIRONMENTAL ENGINEERING

I was looking for a university that offered environmental engineering and wasn’t based in a large metropolitan area. I was familiar with Wollongong and the NSW South Coast and the lifestyle on offer here—in the end, coming to UOW was an easy choice.

The environmental engineering degree is quite practical: most environment-related subjects have associated fieldwork and laboratory experiments. This hands-on approach has helped me gain an understanding of workplace requirements related to my degree.

I had reached a plateau in my career and realised that to progress, I would need further education. At the time, it was a daunting decision, to leave a full-time job and commence study. However, now that I’m nearing the end of my study, I can see my decision was well worth it. I am looking forward to a new career as an environmental engineer.

MECHATRONIC  
BACHELOR OF ENGINEERING (MECHATRONIC ENGINEERING)

Mechatronics is a combination of electrical, computer and mechanical technologies, and is a key element in state-of-the-art developments such as Internet control of machines, robotics and autonomous robots, and engine management systems.

MINING  
BACHELOR OF ENGINEERING (MINING ENGINEERING)

This degree builds knowledge of mining methods, ventilation, environmental engineering, planning and development, environmental issues, and rock mechanics; with a focus in the later years of the degree on mine planning, occupational health and safety and mining economics.

DOUBLE MAJORS

Double majors are available in the following combinations:

- Civil and Mining
- Civil and Environmental
- Mining and Environmental

COMPUTER, ELECTRICAL OR TELECOMMUNICATIONS ENGINEERING

For information about Computer, Electrical or Telecommunications Engineering, please refer to the Informatics section on pages 47-51.

Bachelor of Engineering (Scholars Program)

The Engineering Scholars Program is open to students who have gained University entry with a UAI above 90 (or equivalent). Students without the required UAI may still enter the Program by gaining a Weighted Average Mark of 75+ over their first two full-time sessions of study. Scholars students will be able to undertake personalised programs of study after consultation with the Scholars Program Coordinator. Other benefits may include:

- Certified recognition of enrolment in the Scholars Program
- Opportunity to finish a four-year degree in three years, or a five-year double degree in four years (including two summer sessions of study)
- Access to a wider range of electives
- Involvement in Faculty Research Activities by replacing certain core or elective subjects with special engineering project subjects. Students work on a research project in an area of interest to them, under the guidance of a research supervisor from one of the Faculty Research Centres, Groups or Institutes
- Guaranteed vacation employment at the end of third year

HSC Students must apply through UAC. Non-HSC students who are applying to the University must also submit a Scholars application. Contact UniAdvice on 1300 367 869 or uniadvice@uow.edu.au for more information.

The Scholars Program is not a scholarship. Students intending to apply for a place in this degree are encouraged to apply for a UOW undergraduate scholarship separately (see page 69).

FURTHER STUDY

Continuing education is a requirement for registration as a professional engineer and most engineers undertake postgraduate university study and/or short courses. Research opportunities are also available for engineering graduates.

- Master of Engineering Asset Management
- Master of Engineering Management
- Master of Engineering Practice
- Master of Engineering
- Master of Engineering – Research
- Master of Rolling Stock Engineering
- Doctor of Philosophy (PhD)

MATERIALS  
BACHELOR OF SCIENCE (MATERIALS)

In addition to the Bachelor of Engineering (Materials), the Faculty offers a Bachelor of Science (Materials) comprising a core of science and mathematics, with a major study of the structure and properties of metals, ceramics and polymers. The Materials Science course provides the scientific knowledge and technical skills necessary for a successful materials-based career in areas such as quality control and laboratory testing, materials process control, and research and development in government and private sector laboratories. It also provides an ideal basis for those who wish to pursue a career in secondary teaching.

NUCLEAR SCIENCE & TECHNOLOGY  
BACHELOR OF SCIENCE (NUCLEAR SCIENCE & TECHNOLOGY)

There is an increasing need for people to have expertise as health physicists, nuclear technologists and radiation workers. The nuclear research industry in Australia has been reinvigorated, and a new research reactor has been brought online. Also, the expansion of the uranium mining industry and development of mid- and high-level radioactive storage facilities will require trained health physicists. This new major will include topics such as mechanics and thermodynamics, quantum mechanics, nuclear physics, the nuclear fuel cycle and the physics of radiation detectors.

PHOTONICS  
BACHELOR OF SCIENCE (PHOTONICS)

Photonics is a rapidly developing area associated with the development of detectors, light sources and optical fibres to support research and development in a wide range of industries including opto-electronics, telecommunications and defence. This degree provides students with training in experimental and theoretical physics and electronics, with a strong focus on the optics, electronics and computing necessary to begin a career in the photonics industry.
PHYSICS
BACHELOR OF SCIENCE (PHYSICS)
Physics, as one of the fundamental sciences, provides the basis for making, interpreting and extending observations relating to the behaviour and structure of matter. Physics is fundamental to the study of all sciences and has a key role to play in generating and supporting new technologies. All Science and Engineering graduates will at some time in their careers use equipment and techniques or make judgements which require a basic grounding in physics. Topics covered in Physics include solid-state physics, nuclear physics, astronomy and astrophysics, radiation physics, optics, thermodynamics and a number of advanced mathematics subjects.

ADVANCED PHYSICS
BACHELOR OF SCIENCE ADVANCED
Designed for high-achieving students in physics, this program includes the opportunity for students to undertake research projects from second year. It offers a greater degree of flexibility, the opportunity to undertake individual research subjects at second, third and fourth year level; the chance to participate in various enrichment activities and to develop a close association with an appropriate member of one of the Faculty’s research teams. In the final year, all students undertake a substantial piece of supervised research in their major discipline, together with other required seminar and/or coursework subjects.

THE FLEXIBILITY OF THE PHYSICS PROGRAM
The first-year requirements of the physics-based degrees have a large common component. Fundamental Physics (12cp) and Mathematics (12cp) form the core of the Physics, Photonics and Medical & Radiation Physics degrees, and account for half the credit points taken in first year.

Taking Anatomy and Physiology allows students to proceed to second year in Medical & Radiation Physics.

Taking Electrical Engineering allows progression to second year in Photonics.

Taking Anatomy, Physiology and Electrical Engineering allows progress to second year in any of Physics, Photonics and Medical & Radiation Physics—and students still have the choice of another elective subject in first year.

PROFESSIONAL RECOGNITION
Both the Physics major and Advanced degree conform to the requirements for membership of the Australian Institute of Physics.

Recognition as a professional physicist requires the completion of a higher degree or an equivalent amount of professional experience.

MINOR STUDIES
Students can take a minor study from any area of Science or Engineering.

FURTHER STUDY
- Honours
- Master of Science – Research
- Doctor of Philosophy (PhD)

MEDICAL AND RADIATION PHYSICS
BACHELOR OF MEDICAL & RADIATION PHYSICS
The Bachelor of Medical & Radiation Physics opens a number of career paths for graduates, including medical physics, occupational health and safety, and radiation research and development. The strengths of this degree lie in the practical experience gained in hospital environments in the final year, and the networking that results.

BACHELOR OF MEDICAL AND RADIATION PHYSICS ADVANCED
The first three years of this degree are common, with students studying the Bachelor of Medical & Radiation Physics (e.g. anatomy and physiology) as well as specialist radiation physics subjects, including radiotherapy; electromagnetism and opto-electronics; nuclear physics; and radiation detection. The Honours year is entirely devoted to Medical Physics topics. It has a substantial 24 credit point research component which is carried out in collaboration with community, local, state or federal organisations. This research project is supported by three special subjects that deal with the major activities of a Medical Radiation Physicist: medical imaging, nuclear medicine, and radiobiology and radiation protection.

These are taught in collaboration with honorary staff drawn from St George Hospital, the Illawarra Cancer Care Centre and Royal Prince Alfred Hospital in Sydney. Students benefit from the strong collaborative links in research and development that staff have with local and international companies and leading Medical Radiation Physics institutions.

PROFESSIONAL RECOGNITION
The Bachelor of Medical & Radiation Physics and the Advanced (Honours) programs in these areas conform to the requirements for membership of the Australian Institute of Physics.

FURTHER STUDY
- Honours
- Coursework Masters
- Master of Science – Research
- Doctor of Philosophy (PhD)

The Opportunity Program
Opportunity Program places are available by interview to assisted students who are highly motivated to study engineering and physics but who are less well prepared academically. Students will be assisted in their first year with Mathematics, Chemistry and/or Physics. The individually tailored programs include additional tutorial support, mentor assistance and flexible programs to reduce annual study loads. To be part of the Opportunity Program, you need to first apply through UAC for entry to the Bachelor of Engineering degree or Physics degree of your choice.

The Opportunity program is for those who:
- anticipate a UAI slightly below 78
- are not studying HSC Maths
- are not studying Physics and/or Chemistry for the HSC

Contact 1300 367 869 for more information.

Bridging Courses
Bridging courses in Biology, Chemistry and Physics are held during Summer Session, usually for the first two weeks of February prior to the start of the University year.

Students who do not meet standard entry levels in these subjects are advised to register on enrolment day. These subjects do not count towards the degree requirements, and cost $150 each for Physics and Chemistry and $75 for Biology (correct at the time of publication).

Maths Enabling Subject
Students with General Maths or a low Maths HSC result will be required to enrol in a Maths Enabling Subject in the first session of study. Contact the Faculty of Engineering on 02 4221 3491 for more information.

Professional Options for the Workplace
Engineering skills and knowledge gained in the workplace are encouraged through Professional Option subjects. Part-time students who are working in an approved engineering role with professional engineering supervision can gain approval to enrol in Professional Option subjects that involve completing work plans, reports and seminars based on the workplace. The completion of Professional Option subjects may enable part-time students to complete a degree in six or seven years.

Women in Engineering & Physics Society
The Women in Engineering & Physics Society (WEPS) is an organisation for female students studying Engineering and Physics. WEPS organises presentations, site tours, a first-year welcome meeting and an Engineering Lifestyles seminar.
UOW health and behavioural science degrees are recognised internationally and our health professionals are highly regarded. Courses prepare students with in-depth background knowledge, along with critical, creative and logical thinking skills. Combined with practical skills in written and spoken communication, these programs will prepare you to succeed in a rapidly changing health environment.

Health Sciences involve the study of the determinants of health and disease as well as related human biology. Behavioural Sciences examine human behaviour and the factors that can influence it, including those related to health.

Clinical practice is an important feature of the Faculty’s professional programs. Through the University’s strong collaboration with local government and private health organisations, you will undertake work-related experience in local hospitals and clinics. Nursing students complete a clinical experience program in each session of study in general and specialist hospitals in Wollongong and southeast Sydney. The Faculty’s four-year specialist degrees emphasise these clinical skills and prepare you for a career as an accredited professional. Three-year degrees provide knowledge in a relevant field for a career in the health industry.

Courses are underpinned by research facilities in the areas of human metabolism, exercise and psychophysiology, biomechanics, cognition and perception, and personality and social psychology. Research is organised within centres of excellence including brain and behaviour research, exercise science, rehabilitation, mental health, smart foods and metabolic research.

PROFESSIONAL RECOGNITION
The Faculty offers a range of courses that meet the requirements for registration as a professional practitioner in exercise science, nutrition, dietetics and psychology. In general, the relevant professional organisations in these areas require a minimum of four years of academic study, in combination with practical or work experience. The Faculty’s four-year professional degrees have been accredited by their relevant professional organisations.

Subject to academic performance, you may be able to transfer from a three-year degree to the related four-year professional degree, or enrol in an accredited postgraduate degree. Associate Membership of some professional Associations may be available.

GRADUATE DESTINATIONS
- Biomedical Researcher
- Community Nurse
- Counsellor
- Dietitian
- Exercise Scientist
- Food Industry Worker
- Health Promotion Officer
- Health Administrator
- Human Resources Officer
- Hospital Nurse
- Industry Health Worker
- Nursing Home Worker
- Nutritionist
- Program Director and Resource Manager in Sport, Recreation, Fitness and Tourism Industries
- Psychologist
- Registered Nurse
- Rehabilitation Specialist
- Researcher
- Sport and Recreation Health Worker
- Sports Scientist

Full details of courses offered can be found at: www.uow.edu.au/handbook/current
### Degrees at a Glance

<table>
<thead>
<tr>
<th>Degree</th>
<th>Approx. UAI</th>
<th>Full-Time Duration</th>
<th>Assumed Knowledge</th>
<th>Recommended Studies/ Additional Requirements</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Medical and Health Sciences*</td>
<td>—</td>
<td>3 years</td>
<td>Any 2 units of English plus at least 4 units of Science and/or Mathematics. Personal Development Health &amp; Physical Education may be counted as a science unit.</td>
<td></td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Nursing</td>
<td>70</td>
<td>3 years</td>
<td>Any 2 units of Science</td>
<td>Aboriginal Studies. Alternative entry criteria also apply including the TAFE Advanced Diploma of Aboriginal and Torres Strait Islander Health, or other recognised prior learning including experience working in Indigenous health, or Assistant in Nursing (AIN) Certificate.</td>
<td>Wollongong, Bega, Shoalhaven</td>
</tr>
<tr>
<td>Bachelor of Health Science in Indigenous Health Studies</td>
<td>70</td>
<td>3 years</td>
<td></td>
<td></td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Exercise Science and Rehabilitation</td>
<td>94</td>
<td>4 years</td>
<td>Any 2 units of English plus Chemistry</td>
<td></td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science (Exercise Science)</td>
<td>78</td>
<td>3 years</td>
<td>Any 2 units of English plus Chemistry</td>
<td></td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Nutrition &amp; Dietetics</td>
<td>93</td>
<td>4 years</td>
<td>Any 2 units of English plus at least 4 units of Science and/or Mathematics.</td>
<td></td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science (Nutrition)</td>
<td>78</td>
<td>3 years</td>
<td>Any 2 units of English plus at least 4 units of Science and/or Mathematics.</td>
<td></td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Public Health*</td>
<td>3 years</td>
<td></td>
<td>Any 2 units of English</td>
<td></td>
<td>English Advanced</td>
</tr>
<tr>
<td>Bachelor of Psychology*</td>
<td>92</td>
<td>4 years</td>
<td>Any 2 units of English</td>
<td></td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science (Psychology)</td>
<td>78</td>
<td>3 years</td>
<td>Any 2 units of English</td>
<td></td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Arts (Psychology)</td>
<td>78</td>
<td>3 years</td>
<td>Any 2 units of English</td>
<td></td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science (Psychology &amp; Exercise Science)</td>
<td>85</td>
<td>3 years</td>
<td></td>
<td>English Advanced plus at least 4 units of Science and/or Personal Development Health &amp; Physical Education and/or Mathematics.</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science (Psychology &amp; Nutrition)</td>
<td>83</td>
<td>3 years</td>
<td>English Advanced plus at least 4 units of Science and/or Mathematics.</td>
<td></td>
<td>Wollongong</td>
</tr>
</tbody>
</table>

* Subject to approval

### Medical Science

**Bachelor of Medical and Health Sciences*  

This new degree is a flexible, rigorous course of study designed for students who have a passion to understand the scientific basis of human structure, function and health. The first year is built upon core subjects, which provide a foundation in human anatomy and physiology, together with units in fundamental sciences such as chemistry and biology, as well as behavioural sciences, such as psychology.

As the degree progresses, there are increasing opportunities for students to customise their program of study. Students can focus on a wide range of biomedical and behavioural subjects, or options as indigenous health, the human environment, and technology and culture. This diversity and flexibility makes the Bachelor of Medical & Health Sciences an ideal qualification for a wide range of careers or further study in the medical and health sciences.

The degree also encourages students to develop their skills and passion for research, with options to gain hands-on experience in the diverse range of research laboratories located within the School of Health Sciences. A Bachelor of Medical and Health Sciences Advanced* degree will be available to high-achieving students, who can undertake an accelerated version of the standard degree, allowing increased opportunities for research.

Students will also have the opportunity to engage with rural communities on issues relevant to their studies, in line with the University of Wollongong’s commitment to rural and regional Australia.

### Further Study

- Graduate Diploma in Education
- Graduate Diploma in Science (Biomedical Science)
- Master of Science – Research
- Doctor of Philosophy (PhD)

* Subject to approval
Nursing Bachelor of Nursing

This three-year full-time degree is designed to prepare students for professional nursing practice. The degree emphasises independent study and inquiry, and is structured for planned and consistent integration of theory with practical experience. The first year of the degree provides an introduction to professional nursing practice with an emphasis on gerontology. Second year examines medical and surgical nursing, mental health nursing, and maternity nursing. In third year, students will examine issues related to mental health, developmental disability, palliation and rehabilitation, and high dependency nursing.

Bachelor of Nursing Leadership and Management Program

This will be a nursing degree for high-achieving students who are potential leaders in the field. An integral honours year will allow students to undertake focused research as part of their studies.

*(subject to approval and accreditation by the NSW Nurses and Midwives Board.)*

Bachelor of Nursing (Mental Health)*

This new major study will take advantage of UOW’s existing links with local Mental Health and Drug and Alcohol services, and the national mental health professional body, as well as strong international links.

*(subject to approval)*

Clinical Experience

Clinical experience will be undertaken in general and specialist hospitals in the Illawarra, south-eastern regions of Sydney and rural areas, as well as in a variety of community and industrial settings. Clinical placements, consisting of eight-hour blocks on weekday morning and afternoon shifts, allow students to maximise clinical learning. Clinical experience is a compulsory component of the degree and is undertaken each semester. For clinical practicums beginning in the first semester, a uniform (approx. cost $100) will be required.

Professional Recognition

Graduates are eligible to register with the Nurses and Midwives Board of NSW. Registration in other states is assessed individually. Graduates may also gain registration in a number of other countries.

Further Study

- Graduate Certificate in Nursing
- Master of Science (Midwifery)
- Master of Midwifery – Research
- Master of Nursing
- Master of Nursing – Research
- Doctor of Philosophy (PhD)

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Natalie Zlotkowski
Bachelor of Nursing

UOW was the only university willing to give me a go. I didn’t do my HSC, so it was hard finding a uni to accept me. I gained entry through the University Access Program, a 14-week course that I took three nights per week. The staff are so focused on helping students, they have a wealth of knowledge and are always willing to answer any questions I have. The students are great too. I have met so many nice, like-minded people. I chose Nursing as I wanted to feel like I was making some kind of difference to society. I have now gained confidence in myself and feel like I have many great things ahead of me.

Sean Lynch
Bachelor of Medical Science

I wanted to change my profession, but I realised that with no formal qualifications it would be difficult to re-enter the work force. I chose UOW primarily because it is the closest institution to where I live but also because of its high regard by employers and employability of its graduates.

I have been surprised at how well I have taken to study, achieving great grades I would never have achieved had I attended at a younger age due to the distractions of youth. The University is not only a great place to study, it is a great place to visit. I often come to the University grounds with my baby son when I have no lectures just to feed the ducks and enjoy the peacefulness of the surroundings.
BACHELOR OF MEDICAL AND RADIATION PHYSICS
For information about the Bachelor of Medical & Radiation Physics, please refer to the Faculty of Engineering section on page 41.

INDIGENOUS HEALTH
BACHELOR OF HEALTH SCIENCE IN INDIGENOUS HEALTH STUDIES
The Bachelor of Health Science in Indigenous Health Studies is a flexibly delivered degree open to both Indigenous and non-Indigenous students. It provides students interested in the health of Aboriginal and Torres Strait Islander people with the knowledge and skills to effectively address Aboriginal community health issues.

The course covers areas including community health, community development, cultural issues, comparative Indigenous health issues and Indigenous health research; which are complemented with study in Aboriginal Studies, Population Health, Psychology, Sociology, Education and other related areas.

Job opportunities include working in the community sector, in Aboriginal Medical Services or with State or Federal health agencies. Graduates may be interested in working in a rural or remote community, or in community development, health promotion, planning or policy. Many of our students are already employed well before the completion of the degree. Assistance is given to Indigenous students via Commonwealth funded ‘away from base allowances’ and the Woolyungah Indigenous Centre will assist students by providing tutors, access to support staff and resources, and helping individual students find their best method of study.

FURTHER STUDY
• Graduate Diploma in Education (Primary)

EXERCISE SCIENCE
BACHELOR OF SCIENCE (EXERCISE SCIENCE)
This degree provides a general introduction to the area of exercise science through the study of anatomy, physiology, exercise physiology, exercise prescription and biomechanics.

Students develop a basic understanding of the anatomical and physiological basis of human motion and the effect of exercise, injury and disease on human performance in sport, industry and in daily living. Graduates are trained to utilise exercise as a method of maintaining individual health and fitness.

DOUBLE MAJORS
Double majors may include:
• Exercise Science and Nutrition
• Exercise Science and Management
• Exercise Science and Human Resource Management
• Exercise Science and Psychology

FURTHER STUDY
• Bachelor of Science (Honours)
• Graduate Diploma in Science (Exercise Rehabilitation)
• Graduate Diploma in Education
• Master of Science (Exercise Rehabilitation)
• Master of Science (Nutrition/Dietetics and Exercise Rehabilitation)
• Master of Science – Research
• Doctor of Philosophy (PhD)

BACHELOR OF EXERCISE SCIENCE & REHABILITATION
This degree expands on the three-year program above, building an emphasis on professional development and clinical skills through practical placement in the fourth year. The Bachelor of Exercise Science & Rehabilitation is designed for those wishing to become professional Exercise Rehabilitation Physiologists or Sports Scientists.

FURTHER STUDY
• Master of Science (Nutrition/Dietetics and Exercise Rehabilitation)
• Master of Science – Research
• Doctor of Philosophy

PROFESSIONAL RECOGNITION
Graduates of the three-year program may become members of the Australian Association for Exercise and Sports Science (AAESS) and achieve professional accreditation with further work experience.

The four-year program is the only degree in Australia where graduates may be eligible to become fully accredited members of the AAESS without having to complete further work experience.

MEDICINE
BACHELOR OF MEDICINE & BACHELOR OF SURGERY
The Bachelor of Medicine & Bachelor of Surgery (MBBS) at UOW is the program for students who wish to become medical doctors, and is delivered by the Graduate School of Medicine. The UOW MBBS provides a comprehensive education in medicine and is a firm foundation for further specialist training. The MBBS is a graduate program, which means that students must have already completed another Bachelor degree. The program aims to address Australia’s shortage of doctors working in regional, remote and rural areas, and graduates who have completed the MBBS are particularly encouraged to apply.

Graduates of the UOW Bachelor of Health Sciences will be considered to have a tie to a regional area.

PREPARING FOR MEDICINE AT UOW
All applicants to the GSM must have completed an undergraduate degree.

Science-based degrees are not a prerequisite; any undergraduate degree will meet the eligibility requirements to apply for the MBBS. However, skills in chemistry, physics or biology subjects will help students achieve the reasonable level of scientific understanding required for the Graduate Australian Medical School Admission Test (GAMSAT). Candidates for the MBBS will need to acquaint themselves with the detailed entry requirements well in advance of the year they wish to commence studies in medicine. This information can be found at www.uow.edu.au/gsm/futurestudents/admission

Applicants will be required to perform well in their chosen undergraduate area of study, so you should select a degree that matches your strengths and interests. First-year subjects in biology and chemistry as well as a variety of other topics in humanities and social, physical, or biological sciences will provide useful preparation for future medical studies. You should also ensure your degree will provide sufficient career opportunities as admission to graduate entry medical schools is highly competitive.

NUTRITION
BACHELOR OF NUTRITION AND DIETETICS
This degree will qualify students as professional dietitian-nutritionists. It provides rigorous training in nutrition science and an introduction to professional practice. Core areas of study include biochemistry and physiology, food service and dietetics management, and nutrition and exercise. Areas of practice include clinical dietetics, community and public health nutrition, and food service systems management. These are supported by studies in professional communication and research skills as well as practical placements in the work environment.

PROFESSIONAL RECOGNITION
The Bachelor of Nutrition and Dietetics is accredited by the Dietitians Association of Australia, with graduates eligible to become Accredited Practising Dietitians.

FURTHER STUDY
• Management Studies
• Master of Science – Research
• Doctor of Philosophy (PhD)

BACHELOR OF SCIENCE (NUTRITION)
This three-year degree provides a strong grounding in nutritional science, including topics such as nutrition and exercise, food chemistry, biochemistry and metabolism, as well as training in nutrition research. It prepares students for employment in nutrition promotion projects and for the continuation of studies in either nutrition research or professional training as a dietitian/nutritionist after completion of the Master of Science (Nutrition and Dietetics).
Note that both pathways are competitive.

FURTHER STUDY
- Bachelor of Science (Honours)
- Master of Public Health
- Master of Science (Nutrition)
- Master of Science (Nutrition & Dietetics)
- Master of Science – Research
- Doctor of Philosophy (PhD)

PSYCHOLOGY

BACHELOR OF PSYCHOLOGY
This four-year degree provides comprehensive training in the basic processes of human psychological functioning required for qualification as a professional psychologist. These include the biological and social bases of behaviour, cognition, learning, perception, social and organisational behaviour, personality, abnormality, and research and assessment tools.

PROFESSIONAL RECOGNITION
This degree has been accredited by the Australian Psychological Accreditation Council and approved by the NSW Psychologists Registration Board as a preliminary requirement for registration as a Psychologist.

FURTHER STUDY
- Master of Psychology (Clinical)
- Doctor of Psychology (Clinical)
- Doctor of Philosophy (PhD)

BACHELOR OF ARTS (PSYCHOLOGY)
BACHELOR OF SCIENCE (PSYCHOLOGY)
Students may specialise in Psychology through the Bachelor of Science (Psychology) or the Bachelor of Arts (Psychology). These three-year degrees have been accredited by the Australian Psychological Accreditation Council and approved by the NSW Psychologists Registration Board as part-requirement for registration as a Psychologist. Registration will require at least one additional year of postgraduate study in Psychology.

The Psychology major covers topics such as developmental and social psychology; history and metatheory of psychology; theory, design and statistics; and psychophysiology. The Psychology major is the same in both degrees—the only difference is in the electives chosen:

- The Bachelor of Science degree provides an opportunity to combine the study of Psychology with subjects including Exercise Science, Public Health, Nutrition, Biology, Geography and Management.
- The Bachelor of Arts degree provides the opportunity to combine the study of Psychology with subjects such as Sociology; Science, Technology & Society; Languages; and Politics.

DOUBLE MAJORS
Double majors are available with Biology, Exercise Science, Nutrition and Population Health.

PUBLIC HEALTH

BACHELOR OF PUBLIC HEALTH*
Public Health examines the factors that influence the health of populations and strategies for promoting good health. Students study contemporary population health issues, health policy, and nutrition and exercise; and gain the skills to obtain, review and analyse health information; to plan and manage a health project; and to assist in the development and evaluation of health promotion processes.

Further study
- Bachelor of Arts (Honours)
- Bachelor of Science (Honours)
- Graduate Certificate in Public Health
- Master of Public Health
- Doctor of Public Health
- Doctor of Philosophy (PhD)

PSYCHOLOGY AND NUTRITION

BACHELOR OF SCIENCE (PSYCHOLOGY AND NUTRITION)
This degree provides the opportunity to broaden expertise, adding a relevant second major to the core focus in either Psychology or Nutrition. Further studies may be pursued in the areas of Psychology and Health Psychology; and knowledge of Psychology may be related to further study in areas such as Dietetics, Nutrition and Health Promotion.

PROHIBITED PERSONS LEGISLATION
Health & Behavioural Sciences students must complete a Prohibited Employment Declaration before undertaking clinical placements as required by the Child Protection (Prohibited Employment) Act 1998.

NSW Health Employment Requirements
There is a criminal record check requirement for clinical and employment placement in the NSW health care system.

The NSW Department of Health requires all staff and students undertaking clinical placements in positions dealing with children, and patients vulnerable by reason of health status, to undergo a criminal record check prior to employment or placement in any capacity in the NSW health system. This check will be conducted by the NSW Police Service and will be coordinated by NSW Health. Please note that this information will be confidential and a positive result will not necessarily preclude further employment with the Department. This check may be required for each year of practical placement.

Students required to complete clinical training in the NSW health system are subject to guidelines regarding infectious diseases. Evidence of vaccination and/or immunity status may be required by certain clinical placements/ agencies before attendance.

These procedures will be further explained at enrolment. Students who require any further information should contact the Faculty.
Informatics

UOW was one of the first universities to combine all the fields of study related to the Information and Communication Technology (ICT) industry into one faculty: Informatics. Experts encompassing the entire breadth of the computer science, information technology (IT), information systems (IS), engineering and mathematical methodologies in the ICT industry have created an extremely dynamic teaching, learning and research environment. Wollongong is now one of the largest sites for ICT research in the southern hemisphere.

Leading global companies such as Telstra and Accenture have chosen UOW to collaborate with the Faculty, undertaking significant research projects with Faculty staff. These creative partnerships mean you will interact with and learn from industry leaders throughout your degree.

Faculty staff bring their industry expertise to the classroom at all levels of study, and practical skills are reinforced through industry placements and major projects incorporated into degree programs.

As a UOW student you will have access to internationally renowned leaders covering the spectrum of specialist areas within the industry. Informatics degrees provide you with a global passport, and graduates have recently been employed in the USA, UK, Europe and Asia. First-class facilities include 24-hour student access to five large computer laboratories.

**GRADUATE DESTINATIONS**
- Business Analyst
- Computer Animator
- Computer Engineer
- Computer Technical Writer
- Computing Specialist
- Design Engineer
- E-commerce Professional
- Electronic Specialist
- Electrical Engineer
- Information Technology Consultant to Insurance, Manufacturing, Medical, Banking and Transportation Industries
- Internet Applications/Networks Designer
- Merchant Banker
- Multimedia Designer
- Network Development Architect
- Network Planner
- Programmer
- Project Coordinator
- Project Manager
- Researcher
- Software Engineer
- Statistician
- Stockbroker
- Superannuation and Trust Funds Adviser
- Systems Analyst
- Systems Administrator
- Systems Engineer
- Teacher
- Telecommunications Engineer
- Webpage Developer

Full details of courses offered can be found at: [www.uow.edu.au/handbook/current](http://www.uow.edu.au/handbook/current)
### DEGREES AT A GLANCE

<table>
<thead>
<tr>
<th>DEGREE</th>
<th>APPROX. UAI</th>
<th>FULL-TIME DURATION</th>
<th>ASSUMED KNOWLEDGE</th>
<th>RECOMMENDED STUDIES/ ADDITIONAL REQUIREMENTS</th>
<th>LOCATION</th>
</tr>
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<tbody>
<tr>
<td>Bachelor of Computer Science</td>
<td>75</td>
<td>3 years</td>
<td>Any 2 units of English plus Mathematics</td>
<td></td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Computer Science</td>
<td>93</td>
<td>3 years</td>
<td>Any 2 units of English plus Mathematics</td>
<td></td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Engineering (Computer)</td>
<td>78</td>
<td>4 years</td>
<td>Any 2 units of English plus Mathematics</td>
<td>English Advanced, HSC Mathematics Extension 1</td>
<td>Wollongong</td>
</tr>
<tr>
<td>(Telecommunications)</td>
<td></td>
<td></td>
<td></td>
<td>and Physics</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Engineering (Dean’s Scholar)</td>
<td>93</td>
<td>4 years</td>
<td>Any 2 units of English plus Mathematics</td>
<td>English Advanced, HSC Mathematics Extension 1</td>
<td>Wollongong</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>and Physics</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Information Technology</td>
<td>75</td>
<td>3 years</td>
<td>Any two units of English plus Mathematics</td>
<td></td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Information Technology</td>
<td>93</td>
<td>3 years</td>
<td>Any two units of English plus Mathematics</td>
<td></td>
<td>Wollongong</td>
</tr>
<tr>
<td>(Dean’s Scholar)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Mathematics</td>
<td>75</td>
<td>3 years</td>
<td>Any 2 units of English plus Mathematics</td>
<td>HSC Mathematics Extension 1</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Mathematics Advanced</td>
<td>90</td>
<td>3 years</td>
<td>HSC Mathematics Extension 2</td>
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<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Mathematics &amp; Finance</td>
<td>82</td>
<td>4 years</td>
<td>Any 2 units of English plus Mathematics</td>
<td>HSC Mathematics Extension 1</td>
<td>Wollongong</td>
</tr>
<tr>
<td>(Dean’s Scholar)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Mathematics &amp; Finance</td>
<td>93</td>
<td>4 years</td>
<td>Any 2 units of English plus Mathematics</td>
<td>HSC Mathematics Extension 1</td>
<td>Wollongong</td>
</tr>
<tr>
<td>(Dean’s Scholar)</td>
<td></td>
<td></td>
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</tbody>
</table>
| Bachelor of Mathematics Education   | 75          | 4 years             | Any 2 units of English plus Mathematics    | HSC Mathematics Extension 1                  | Loftus    

NB: UAIs to be used as a guide only and are based on the previous year’s demand.

### Dean’s Scholar

The Dean’s Scholar programs are designed to encourage high-achieving students to continue their studies through the completion of Honours and research degrees. It is available in the following degrees:

- Bachelor of Computer Science
- Bachelor of Engineering (Computer, Electrical and Telecommunications majors)
- Bachelor of Information Systems
- Bachelor of Information Technology
- Bachelor of Internet Science and Technology
- Bachelor of Mathematics & Finance

Dean’s Scholars will complete all requirements for their respective degrees and, where possible, may be permitted to take an accelerated program after their first session. Dean’s Scholars will receive special privileges, including:

- $500 book allowance per year (pro rata for part-time study)
- Extended library access
- Extended Internet quota
- Access to an academic mentor—a member of academic staff who advises you on matters concerned with your degree
- Assignment to a Faculty research centre depending on your degree and area of interest
- Opportunity for summer internship

The Programs are a distinction highly visible to future employers, giving you an edge in competitive employment.

There will be a combined quota of 15–20 students admitted to the Program from across the Faculty each year, selected from candidates with a UAI above 93.

To apply for these Programs, make sure to include the relevant degree as one of your UAC preferences (see the UAC Guide for the appropriate code). There is no additional formal application process for these degrees in Informatics, although students who apply may be contacted by the University prior to admission.

Please note, the Dean’s Scholar Program is not offered in a double degree combination and is not a scholarship. Students intending to apply for a place in the Program are encouraged to apply for a UOW undergraduate scholarship separately (see page 69).

### Bachelor of Engineering

There is an international shortage of engineers, so a degree in Engineering offers not only good employment prospects but qualifications that are globally relevant. The Bachelor of Engineering degree produces professional engineers, who graduate with the proficiency to compete successfully anywhere in the world, and who possess the requisite knowledge, skills and attitudes to further develop in their chosen careers. The success of the UOW Engineering degree is evidenced by the number of graduates employed by large corporations in Australia, the United Kingdom, North America, Europe and Asia.

The degree programs are enriched by partnerships between UOW and industry.

Traditionally, Engineering at UOW has had close ties with Integral Energy and these continue today. Research activities have diversified over the years with the establishment of major research institutes and centres in fields such as Power Quality and Reliability, Telecommunications and Information Technology.
First- and second-year students complete common compulsory subjects, covering electrical engineering, engineering programming, digital hardware, power engineering, mathematics, physics, and engineering fundamentals. A key feature of the degree is a design and management strand that develops the interpersonal skills required to work in the commercial and industrial world.

There are three majors available within the degree: Computer, Electrical or Telecommunications Engineering. The common program of study in the first two and a half years allows students to select their major in the third year. Common subjects are taken in all majors in third and fourth year, including advanced studies in communication, control, electronics, design, digital hardware and signal processing. Additional subjects are taken from topics relevant to the chosen major study.

PROFESSIONAL WORK EXPERIENCE
All students complete a research project in their final year, and are also required to undertake 12 weeks of professional work experience. Honours is awarded at the end of the course based on overall performance throughout the four years of study.

PROFESSIONAL RECOGNITION
UOW engineering majors are accredited by Engineers Australia and relevant world engineering bodies through the Washington Accord. This ensures recognition by equivalent professional engineering bodies in the USA, UK, Hong Kong, Malaysia, Singapore, Japan, New Zealand, Canada, South Africa and other countries.

MAJORS

COMPUTER ENGINEERING

BACHELOR OF ENGINEERING (COMPUTER ENGINEERING)
The aim of this major is to produce professional computer engineers who have the skills needed to design and use computer systems in industrial processes. The primary emphasis of the major is on computer hardware design aspects. In addition, students receive a thorough grounding in software techniques, engineering design, synthesis and programming skills, telecommunications, control and systems theory, electronics, embedded systems design and mathematical analysis.

ELECTRICAL ENGINEERING

BACHELOR OF ENGINEERING (ELECTRICAL ENGINEERING)
The aim of this major is to produce professional electrical engineers, who have the skills needed to design, construct and control electronic and electrical systems for areas such as power and automated systems and telecommunications. Topics covered include engineering design and synthesis skills, mathematical analysis, power systems, control and systems theory, electronics, machine dynamics, computer hardware and software and telecommunications. This major is broad-based, allowing students to select their field of specialisation in the final year of the degree.

TELECOMMUNICATIONS

BACHELOR OF ENGINEERING

(TELECOMMUNICATIONS ENGINEERING)
The aim of this major is to produce professional telecommunications engineers who have the skills needed to design modern communications systems. Students will receive a solid grounding in engineering design and programming, digital communications, communication theory, computer hardware and software, and the mathematical analysis of physical problems; combined with a thorough knowledge of advanced telecommunications engineering, computer networking and mobile networks.

FURTHER STUDY
- Graduate Diploma in Internet Technology
- Master of Internet Technology
- Master of Engineering Studies (single and double major options)
- Master of Engineering – Research
- Doctor of Philosophy (PhD)

CIVIL, ENVIRONMENTAL, MATERIALS, MECHANICAL, MECHATRONIC OR MINING ENGINEERING

For information about Civil, Environmental, Materials, Mechanical, Mechatronic or Mining Engineering, please refer to the Faculty of Engineering section on page 38-41.

Bachelor of Computer Science
Computer scientists design and write programs for computer applications. These applications include the use of computer systems to control machinery, analyse stock market trends, design games, design neural networks, visualisation of chemical reactions, computational geometry for robot navigation, automatic teller machines and patient monitoring in hospitals.

This degree includes a core of programming subjects as well as electives in databases, java language, artificial intelligence, computer security, computer graphics, operating systems, real-time software and software engineering. The high point of the degree is the three-year group project where students form teams to design, implement and document a software system.

PROFESSIONAL RECOGNITION
Accredited at professional level by the Australian Computer Society.

MAJORS

ENTERPRISE SYSTEMS

BACHELOR OF COMPUTER SCIENCE

(ENTERPRISE SYSTEMS)
Modern economic enterprises depend on the use of computer systems for their operation and to gain a competitive advantage. Databases and enterprise computer applications are the key to the successful operation of most businesses. In this major, students focus on developing skills in database design, implementation and performance tuning. Systems security, server technology and enterprise computing are covered along with object-oriented design and implementation using the java language.

DIGITAL SYSTEMS SECURITY

BACHELOR OF COMPUTER SCIENCE (DIGITAL SYSTEMS SECURITY)
Information security should be viewed as a critical aspect of every computer scientist’s education. With the rapid evolution of security technology, this major provides knowledge and tools desirable in industry. Students will gain important knowledge and skills in up-to-date security technologies including computer security, system security and network computer security.

SOFTWARE ENGINEERING

BACHELOR OF COMPUTER SCIENCE

(SOFTWARE ENGINEERING)
This major explores software systems and their role in solving problems in specific application domains. Core subjects include databases, development methods and tools, software process management and software engineering methods.

MULTIMEDIA & GAME DEVELOPMENT

BACHELOR OF COMPUTER SCIENCE

(MULTIMEDIA & GAME DEVELOPMENT)
This major has been developed in response to the needs of the growing Australian game development industry, where employees require both traditional computer science skills and skills in creative arts. In addition to computer science subjects, students take 3D Modelling & Animation, Multimedia Computing, Computer Graphics, Development and Game Engine Fundamentals.

DOUBLE MAJORS

Each of the four majors can be combined with each other or with a second major in Biological Sciences, Chemistry, Electronic Commerce, Electronics, English Language Studies, Geosciences, Management, Marketing or Mathematics.

FURTHER STUDY
- Bachelor of Computer Science (Honours)
- Master of Computer Science
- Master of Computer Science Advanced
- Master of Computer Science – Research
- Doctor of Philosophy (PhD)

Bachelor of Computer Science Honours
Candidates who achieve a credit average or better in the Bachelor of Computer Science, or a major in computer science in another degree, are eligible to enrol in an additional year of study towards a Bachelor of Computer Science (Honours). The Honours program provides students with a challenging opportunity to pursue an individual research project and advanced studies in computer science.
Bachelor of Information Systems
This Information Systems course is designed to prepare you for a career as a systems analyst or as an information systems specialist in business. Analysts are involved in the analysis, design, implementation, maintenance and improvement of computer-based systems critical to the successful operation of modern businesses. They require a sound understanding of the business requirements for the systems they design, and must deal with users at all levels within an organisation. The program emphasises practical skills and involves working with a wide range of hardware and software tools, using state-of-the-art computing facilities. Real life projects will ensure your skills meet industry requirements.

PROFESSIONAL RECOGNITION
Accreditation at a professional level is being sought from the Australian Computer Society.

FURTHER STUDY
- Master of Information Systems Research
- Master of Information Systems
- Master of Information Systems Advanced

Bachelor of Information Technology
The Bachelor of Information Technology has a common core structure that offers graduates key skills required for any IT profession such as organisational areas in IT, database management, programming, information systems analysis and design, communications and networks, security, networks, eBusiness, project management, web-based technology, and professional practice in IT. Students can study a single or double major chosen from three majors outlined below.

PROFESSIONAL RECOGNITION
Accredited at professional level by the Australian Computer Society.

MAJORS

eBUSINESS
Conducting business online is increasingly an essential feature of any organisation’s operations, and to survive in this environment means integrating adaptive business solutions that exploit evolving technologies. This major provides students with an understanding of the organisational environment and a working knowledge of the technologies used successfully in the e-business environment.

NETWORK DESIGN AND MANAGEMENT
Every major company in the world now relies on its networks to survive. A major in network design and management develops the skills necessary to build or manage networks that support businesses and governments in a competitive global market.

Bachelor of Information Systems Honours
Candidates who achieve a credit average or better in the Bachelor of Information Systems (BIS), the Bachelor of Information Technology (BIT), or a major of IS or IT in another degree, are eligible to enrol in an additional year of study towards a Bachelor of Information Systems (Honours) or Bachelor of Information Technology (Honours).

SOCIAL POLICY
Businesses and governments around the world are struggling to develop policies on emergent issues in ICT including privacy, hacking and computer crime. A major in social policy develops an understanding of these and other social issues associated with the growth of ICT and the Web.

FURTHER STUDY
- Master of Information Systems
- Master of Information Systems Advanced
- Master of Information and Communication Technology
- Master of Information and Communication Technology Advanced

Bachelor of Information and Communication Technology

I decided to return to study to complete what I had started after realising how valuable achieving a University degree is. The University of Wollongong has a good reputation academically, and is set among picturesque grounds.

I value being able to apply lessons learned from the working environment to help you understand information learned in the classroom, it is great to be able to combine the two together to understand the whole picture.
Bachelor of Mathematics
And Finance
The Bachelor of Mathematics and Finance is an advanced degree that provides graduates with a firm foundation in both mathematics and finance. The degree covers the basics of corporate finance, financial institutions and investments, and allows students to specialise through the choice of four optional majors.

Graduates have the skill to apply sophisticated mathematical/statistical techniques to real world problems and are also encouraged to develop computing and communication skills, which are an asset in the employment market. This degree provides the essential background for analysing corporate performance, the state of the stock market, or strategic planning, and includes the option for high-achieving students to complete an Honours research project in the final year, or to take further specialist coursework subjects.

MAJORS
QUANTITATIVE CORPORATE
FINANCE AND INVESTMENTS
This major is designed for students interested in careers as quantitative analysts in the finance sector.

The major has a strong focus on numerical finance and computing, which are vital for options and derivative trading.

RISK MANAGEMENT AND INSURANCE
This major is designed for students interested in a career involving Actuarial Studies. It allows articulation into the Master of Actuarial Studies at ANU, the Master of Actuarial Practice at Macquarie University and the Master of Actuarial Studies at UNSW.

FINANCIAL SERVICES
This major is intended for students who are interested in a career in financial planning. It is accredited by the Australian Securities and Investment Commission (ASIC).

MATHEMATICAL ECONOMICS
Provides high level training in both Economics and Mathematics and students gain knowledge in a wide range of fields including econometrics, logistics and mathematical modelling of business, government and the international economy.

PROFESSIONAL ACCREDITATION
Graduates of this degree qualify for Associate Membership of the Institute of Securities Banking and Finance. This degree is also accredited by the Australian Mathematical Society.

FURTHER STUDY
- Master of Financial Mathematics
- Master of Mathematics
- Master of Statistics
- Master of Science – Research
- Master of Professional Accounting
- Doctor of Philosophy (PhD)

Bachelor of Mathematics
Advanced
This challenging Bachelor degree is available to students who have superior mathematical knowledge on entry (i.e. HSC Mathematics Extension 2 is assumed knowledge). It reduces the number of compulsory first-year subjects, enabling students to take enrichment projects which provide opportunities to build links with industry and to understand the interaction between mathematics and society. Students will also have close interaction with active academic researchers.

The degree offers a practice-oriented program to high-achieving students, providing adaptability and application, which is valued highly in industry and research organisations. The flexibility of this degree allows students to enhance their versatility by taking subjects from other disciplines.

HONOURS PROGRAMS
The Bachelor of Mathematics Advanced and Bachelor of Mathematics (Honours) programs are a fourth year of study available to students who have achieved at least a Credit average in the BMath or a Distinction average in the BMath(Adv) respectively. Both these Honours programs are challenging and include a research project.

Students who wish to enter the Honours program should obtain the approval of the Honours Coordinator at the end of their third year.

Bachelor of Mathematics
Education
This degree is an innovative approach to teacher training with both mathematical knowledge and teaching/educational training in an integrated fashion.

The degree focuses on developing secondary school teachers as critical reflective practitioners with a sound basis of practical teaching skills. In addition, this degree also develops mathematical concepts in a broad range of areas to provide a full Mathematics major in a specialisation of their choice that can be utilised in other community settings.

For more information, see the Faculty of Education entry on page 36.
A UOW Bachelor of Laws (LLB) degree provides an excellent foundation for a career in legal practice, and it also opens up a diverse range of other career options as well (see ‘Graduate Destinations’, below). The UOW Faculty of Law is committed to a style of legal education that involves much more than simply accumulating knowledge of the Law.

As well as meeting all the requirements necessary for accreditation by the NSW Legal Profession Admission Board, the UOW Law degree also has a number of distinctive features that ensure that graduates are ready for the real world, whatever their chosen career path. In addition to the standard prescribed subjects, and a range of elective options, the UOW Law degree includes a suite of skills subjects as part of the core curriculum: communication, legal research and writing, dispute management, advocacy and drafting. In addition, the UOW Law degree includes a unique Legal Internship which ensures that all students have the opportunity to obtain a minimum of four weeks of professional experience in a legal workplace. The internship forms part of students’ studies into the ethics, practices and role of the legal profession in Australia, helping them to understand the Law as a system of relationships between people, rather than just a set of rules in books.

In addition to the reputation enjoyed by its LLB program, the Faculty is also renowned for its interdisciplinary research strengths in: ocean resources and security; transnational crime; and law, society and culture.

**GRADUATE DESTINATIONS**
- Academic
- Banking Executive
- Barrister
- Commercial Lawyer
- Criminal Defence Lawyer
- Diplomat
- Environmental Lawyer
- Government Lawyer
- Human Rights Advocate
- Intellectual Property Lawyer
- Legal Adviser
- Legal Consultant
- Media Lawyer
- Magistrate
- Private Practitioner
- Policy Adviser
- Prosecutor
- Public Interest Lawyer
- Registrar
- Research Officer
- Teacher
- Solicitor

UOW Law degrees are recognised for admission to practice as a solicitor or barrister, subject to completion of the required professional practical training detailed on page 54.

Full details of courses offered can be found at: [www.uow.edu.au/handbook/current](http://www.uow.edu.au/handbook/current)
Students can undertake a range of legal work, and that also allows subjects that are the foundation for a career opportunity to study an extensive range of combinations listed below. These integrated double degrees are designed to provide an opportunity to undertake their pre-admission practical legal training at the end of the program. All students complete the standard three-year LLB program and then select from one of the following three strands:

- **LLB plus a Graduate Diploma in Legal Practice:** This option includes three additional electives plus the Practice Legal Training course. Students choosing this option will qualify for admission to practice when they graduate from the degree.
- **LLB (Honours):** This option allows students to undertake a year of research in their chosen area.
- **LLB 4-year program:** Students can broaden their range of legal knowledge by completing six additional electives.

### Bachelor of Laws (LLB) with another degree

Of course, students may still choose to combine their Law degree in any of the combinations listed below. These integrated double degrees are designed to provide an opportunity to study an extensive range of subjects that are the foundation for a career in a range of legal work, and that also allow the in-depth study of another discipline.

<table>
<thead>
<tr>
<th>DEGREE</th>
<th>APPROX. UAI</th>
<th>FULL-TIME DURATION</th>
<th>ASSUMED KNOWLEDGE</th>
<th>RECOMMENDED STUDIES/ADDITIONAL REQUIREMENTS</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Laws</td>
<td>90</td>
<td>4 years</td>
<td>Any 2 units of English</td>
<td>English Advanced</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Laws with:</td>
<td></td>
<td></td>
<td></td>
<td>For Law: English Advanced. For the degree taken in combination with the Bachelor of Laws refer to the relevant degree.</td>
<td>Wollongong</td>
</tr>
<tr>
<td>– Bachelor of Arts</td>
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<tr>
<td>– Bachelor of Commerce</td>
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<tr>
<td>– Bachelor of Communication and Media Studies</td>
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<tr>
<td>– Bachelor of Computer Science</td>
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<tr>
<td>– Bachelor of Creative Arts</td>
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<tr>
<td>– Bachelor of Journalism</td>
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<tr>
<td>– Bachelor of Mathematics</td>
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<td>– Bachelor of Medical Science</td>
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<tr>
<td>– Bachelor of Science (Faculty of H&amp;BS)</td>
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<tr>
<td>– Bachelor of Science</td>
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<td></td>
</tr>
<tr>
<td>Bachelor of Laws with – Bachelor of Engineering</td>
<td>90</td>
<td>5 years</td>
<td>For Law: Any 2 units of English. For the degree taken in combination with the Bachelor of Laws refer to the relevant degree.</td>
<td>For Law: English Advanced. For the degree taken in combination with the Bachelor of Laws refer to the relevant degree.</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Laws – Graduate Degree</td>
<td></td>
<td>3 years</td>
<td>Applicants must be graduates and will be selected on academic merit</td>
<td></td>
<td>Wollongong</td>
</tr>
</tbody>
</table>

NB: UAI to be used as a guide only and are based on the previous year’s demand.

### Undergraduate Bachelor of Laws (LLB)

The degree is for school leavers keen to complete their studies in Law without having to complete a double degree program. Its length (four years) allows for a greater period of time devoted to Law subjects than in the combined degrees, and also gives students the opportunity to undertake their pre-admission practical legal training at the end of the program. All students complete the standard three-year LLB program and then select from one of the following three strands:

- **LLB plus a Graduate Diploma in Legal Practice:** This option includes three additional electives plus the Practice Legal Training course. Students choosing this option will qualify for admission to practice when they graduate from the degree.
- **LLB (Honours):** This option allows students to undertake a year of research in their chosen area.
- **LLB 4-year program:** Students can broaden their range of legal knowledge by completing six additional electives.

Study in other academic disciplines allows students to recognise the way Law functions in social, economic, technical, environmental and scientific contexts. Some degrees, such as the Bachelor of Commerce (Accountancy) – Bachelor of Laws offer the opportunity to obtain two professional qualifications.

The normal duration of most of the double degrees is five years (six years for double degrees with Engineering). All double degree students complete subjects including Foundations of Law; Law of Contracts; Criminal Law; Law of Torts; Public Law; Property and Trusts; Law of Business Organisations; and Lawyers and Australian Society.

Students also have the opportunity to study a wide range of elective subjects such as Environmental Law; International Law; Media Law; Human Rights Law; Insurance Law; and Anti-discrimination Law.

The following double degrees with Law are available. Please see the relevant Faculty pages in this booklet for further information about the non-Law degree component.

### ARTS – LAWS

**BACHELOR OF ARTS – BACHELOR OF LAWS**

This is the most popular double degree. Students can combine their studies in Law with the variety of majors available in the humanities, social sciences and languages. See page 21 for detailed information on Bachelor of Arts majors.

### COMMERCE – LAWS

**BACHELOR OF COMMERCE – BACHELOR OF LAWS**

Combining Law with a business major cements an understanding of the way Law functions in social, economic and technical contexts. This double degree attracts people who wish to combine their interest in Law with a major in one of the following areas of commerce: accountancy, economics, finance, human resource management, international business, management, marketing or supply chain management.

Successful completion of a degree in accountancy may lead to professional qualifications in both Accountancy and Law.

### COMMUNICATION & MEDIA STUDIES – LAWS

**BACHELOR OF COMMUNICATION & MEDIA STUDIES – BACHELOR OF LAWS**

This degree provides students with an interest in Media Law with an overview of the industry, its practices and politics; and the opportunity to specialise in journalism, advertising and marketing, screen studies, or digital communication. Combining Law with Media and Communications and a second Arts major provides a solid foundation for students aiming for a career in politics or government.

### COMPUTER SCIENCE – LAWS

**BACHELOR OF COMPUTER SCIENCE – BACHELOR OF LAWS**

This double degree offers opportunities for students to undertake specialised studies in Computer Science and Law, developing an awareness of how Law functions in technical contexts, and supplementing their law studies with a specialisation in digital systems security, enterprise systems, software engineering, or multimedia and game development.

### CREATIVE ARTS – LAWS

**BACHELOR OF CREATIVE ARTS – BACHELOR OF LAWS**

This degree combination is unique to UOW and permits the combination of studies such as creative writing, music, theatre, media arts or visual arts with studies in Law. Many
how the law operates in practice, at an early stage in your studies. It also opens opportunities for employment, which gives UOW students a head start on other institutions.

In 2007 I was made a partner at Kells The Lawyers, where I head the local government, planning and environment law team. Kells is a firm of 8 partners with offices in Wollongong, Sydney, Shellharbour and Dapto.

After graduating with a Bachelor degree in town planning UNSW in 1990, I worked as a town planner in various NSW local government authorities for 10 years, during which time I developed an interest in law. This desire to study law was fulfilled when I graduated with a LLB (Honours) from UOW in 2001. Since that time, I have practised almost exclusively in the area of local government, planning and environmental law.

The small group seminar-based approach to learning which I experienced at the UOW Faculty of Law definitely helped me learn more readily than a traditional lecture-focused format. I felt encouraged to speak up and wasn’t afraid of asking ‘dumb’ questions.

The compulsory practical experience program is invaluable. It is a way of getting to observe how the law operates in practice, at an early stage in your studies. It also opens opportunities for employment, which gives UOW students a head start on other institutions.

**Graduate Bachelor of Laws Degree**

If you have already completed an undergraduate degree and have decided you would like to study law, you can enrol in a graduate version of the Bachelor of Laws degree. This three-year degree consists entirely of Law subjects with a narrower range of elective options.

For more information contact UniAdvice on 1300 367 869 or uniadvice@uow.edu.au or visit [www.uow.edu.au/handbook/current](http://www.uow.edu.au/handbook/current)

**Studying Law in other Degrees – Legal Studies & Business Law**

The Faculty of Law offers legal studies subjects to students from other UOW faculties.

Students enrolled in the Faculty of Commerce can complete a major or minor in Business Law. Other majors within the Bachelor of Commerce may require students to complete a number of legal studies subjects. Students in other faculties can take legal studies subjects to equip them for careers in industrial relations, teaching or business. Students should seek guidance from the Subdean of their faculty in making subject selections.

**Steps to Professional Legal Practice**

On completion of any of the LLB degrees, students who wish to practise as a legal practitioner must undertake some form of professional practical training. This requirement varies for each state and territory of Australia. To qualify for admission to practise as a solicitor or a barrister in NSW, students must undertake a practical legal training course accredited by the Legal Profession Admission Board, followed by or incorporating a period of practical experience in a Law-related setting.

The Faculty’s Legal Practice Unit runs a Practical Legal Training Course that has been accredited by the Legal Profession Admissions Board. The full-time course is offered over 20 weeks in a flexible mode, and integrates training with professional experience. It is also available part-time over two academic sessions.

This course is also available as a fourth-year option in the single Bachelor of Laws degree. Students who complete this option are qualified for admission to practice as soon as they finish their LLB degree.

Students who intend to practise as solicitors after admission should obtain further information about restricted practice and the mandatory continuing legal education requirements from the Law Society of NSW. Students who intend to practise as barristers after admission will be required to undertake the Bar Readers Course, and should contact the NSW Bar Association for more information.
The Science Faculty at UOW is distinguished by its strong integration of teaching and research. Leading researchers teach in both undergraduate and postgraduate programs, so you will learn from them from the beginning of your studies.

Teaching grows out of the world-class research conducted by our staff and students. The Faculty is renowned nationally and internationally for its research activities and has strong links with universities and other research organisations both in Australia and around the world. Programs range across the full spectrum of biological, chemical, earth and environmental sciences. Innovative, multi-disciplinary programs provide technical skills for specialist careers in science and develop analytical and research skills that can be applied to a wide array of career choices. The Faculty offers both three-year general degrees and specialist degrees in each of the core Science disciplines. Advanced degrees for high-achieving students and a range of double degrees, combining science with studies in another faculty, are also available.

As all Science degrees include practical laboratory and/or fieldwork, students take advantage of the superb local marine life, coastal landscapes, nearby rainforest escarpment and freshwater and terrestrial ecosystems. Collaborations with industry and government researchers provide students with real world experience in manufacturing and in the mining, medical and nuclear industries. As a Science student at UOW, you will learn skills valuable to employers, including logical and critical thinking, creative problem-solving, practical research skills, organisational abilities, numeracy, statistical literacy, and strong communication skills. You will also develop personal qualities, such as the ability to work and think independently, interpersonal and teamwork skills. You will be surprised just where a Science education can take you!

**GRADUATE DESTINATIONS**
- Agricultural Adviser/Researcher
- Biochemist
- Biotechnologist
- Cartographer
- Catchment and River Management Officer
- Coastal/Estuarine Management Officer
- Computer Bioinformatician
- Conservationist
- Demographer
- Ecologist
- Eco-tourism Manager/Operator
- Environmental Consultant/Officer
- Exploration/Mining Geologist
- Food Chemist
- Forensic Scientist
- Geochemist
- Geological Surveyor
- Health Service Officer
- Hospital Scientist
- Industrial/Pharmaceutical/Medicinal Chemist
- Laboratory Assistant
- Land Use/Urban Services Planner
- Marine Biologist
- Materials Scientist
- Medical Researcher
- Microbiologist
- Museum Curator
- National Park Ranger
- Oceanographer
- Patent Assessor
- Product Developer
- Rehabilitation Officer
- Re-vegetation Specialist
- Science Teacher
- Technician
- Technical Inspector
- Technical Sales Adviser
- Veterinary Researcher

Full details of courses offered can be found at: [www.uow.edu.au/handbook/current](http://www.uow.edu.au/handbook/current)
### DEGREES AT A GLANCE

<table>
<thead>
<tr>
<th>DEGREE</th>
<th>APPROX. UAI</th>
<th>FULL-TIME DURATION</th>
<th>ASSUMED KNOWLEDGE</th>
<th>RECOMMENDED STUDIES/ADDITIONAL REQUIREMENTS</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Science (Biological Sciences)</td>
<td>75</td>
<td>3 years</td>
<td>Mathematics and any 2 units of Science</td>
<td>Biology, Chemistry and Mathematics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science (Biotecnology)</td>
<td>75</td>
<td>3 years</td>
<td>4 units of Science or 4 units comprising Science and Mathematics</td>
<td>4 units of Science (incl. Biology) and Mathematics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science (Chemistry)</td>
<td>75</td>
<td>3 years</td>
<td>Mathematics and any 2 units of Science</td>
<td>Biology, Chemistry and Mathematics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science (Ecology)</td>
<td>75</td>
<td>3 years</td>
<td>Mathematics and any 2 units of Science</td>
<td>Biology, Chemistry and Mathematics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science (Environment)</td>
<td>75</td>
<td>3 years</td>
<td>Mathematics plus Biology or Chemistry or Geography or Earth &amp; Environmental Science</td>
<td>4 units of Science (incl. Biology) and Mathematics</td>
<td>Wollongong</td>
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<tr>
<td>Bachelor of Science (Geology)</td>
<td>75</td>
<td>3 years</td>
<td>Mathematics and any 2 units of Science</td>
<td>Biology, Chemistry and Mathematics</td>
<td>Wollongong</td>
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<tr>
<td>Bachelor of Science (Geosciences)</td>
<td>75</td>
<td>3 years</td>
<td>Mathematics and any 2 units of Science</td>
<td>Biology, Chemistry and Mathematics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science (Human Geography)</td>
<td>75</td>
<td>3 years</td>
<td>Mathematics and any 2 units of Science</td>
<td>Biology, Chemistry and Mathematics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science (Land &amp; Heritage Management)</td>
<td>75</td>
<td>3 years</td>
<td>Mathematics and any 2 units of Science</td>
<td>Biology, Chemistry and Mathematics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science (Medicinal Chemistry)</td>
<td>75</td>
<td>3 years</td>
<td>Chemistry and Mathematics</td>
<td>At least 4 units of Science (incl. Chemistry)</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science (Nanotechnology)</td>
<td>75</td>
<td>3 years</td>
<td>Mathematics and any 2 units of Science</td>
<td>Biology, Chemistry and Mathematics</td>
<td>Wollongong</td>
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<tr>
<td>Bachelor of Science (Physical Geography)</td>
<td>75</td>
<td>3 years</td>
<td>Mathematics and any 2 units of Science</td>
<td>Biology, Chemistry and Mathematics</td>
<td>Wollongong</td>
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<tr>
<td>Physics</td>
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<td></td>
<td>For all Physics degrees please refer to Faculty of Engineering Degrees at a Glance table on page 39.</td>
<td></td>
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<tr>
<td>SPECIALIST DEGREES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Bachelor of Biotechnology</td>
<td>85</td>
<td>4 years</td>
<td>4 units of Science or 4 units comprising Science and Mathematics</td>
<td>4 units of Science (incl. Biology or Chemistry) and Mathematics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Environmental Science</td>
<td>85</td>
<td>4 years</td>
<td>Mathematics plus Biology or Chemistry or Geography or Earth &amp; Environmental Science</td>
<td>4 units of Science (incl. Biology) and Mathematics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Marine Science</td>
<td>85</td>
<td>3 years</td>
<td>Mathematics and 2 units of Science</td>
<td>Biology or Chemistry, and Mathematics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Medicinal Chemistry</td>
<td>85</td>
<td>4 years</td>
<td>Chemistry and Mathematics</td>
<td>At least 4 units of Science (incl. Chemistry)</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Nanotechnology</td>
<td>85</td>
<td>4 years</td>
<td>Chemistry, Physics and Mathematics</td>
<td>HSC Mathematics Extension 1 plus Chemistry and Physics</td>
<td>Wollongong</td>
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<tr>
<td>ADVANCED DEGREES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Biotechnology Advanced</td>
<td>90</td>
<td>4 years</td>
<td>4 units of Science or 4 units comprising Science and Mathematics</td>
<td>4 units of Science (incl. Biology or Chemistry) and Mathematics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Environmental Science Advanced</td>
<td>90</td>
<td>4 years</td>
<td>Mathematics plus Biology or Chemistry or Geography or Earth &amp; Environmental Science</td>
<td>4 units of Science (incl. Biology) and Mathematics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Marine Science Advanced</td>
<td>90</td>
<td>4 years</td>
<td>4 units of Science (incl. Biology or Chemistry) or 4 units comprising Science &amp; Mathematics</td>
<td>Biology or Chemistry, and Mathematics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Medicinal Chemistry Advanced</td>
<td>90</td>
<td>4 years</td>
<td>Chemistry and Mathematics</td>
<td>At least 4 units of Science (incl. Chemistry)</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Nanotechnology Advanced</td>
<td>90</td>
<td>4 years</td>
<td>Chemistry, Physics and Mathematics</td>
<td>HSC Mathematics Extension 1 plus Chemistry and Physics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science Advanced (in any of the Bachelor of Science majors or programs listed above)</td>
<td>90</td>
<td>3–4 years</td>
<td>Mathematics and any 2 units of Science</td>
<td>Biology, Chemistry and Mathematics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>International Bachelor of Science</td>
<td>93</td>
<td>4 years</td>
<td>Mathematics and any 2 units of Science</td>
<td>Biology, Chemistry and Mathematics</td>
<td>Wollongong</td>
</tr>
</tbody>
</table>

NB: UAI is to be used as a guide only and is based on the previous year's demand.
Bachelor of Science

The flexible structure of the Bachelor of Science degree allows students to design their study to meet their own particular interests and abilities.

Students who are interested in taking a Specialist or Advanced degree, but who don’t initially meet the requirements, may consider starting in one of the Bachelor of Science programs. Subject to satisfactory performance and the approval of the Associate Dean, students may apply to transfer into their chosen degree at the end of first year.

**SPECIALIST DEGREES**

Specialist degrees provide students with the opportunity to undertake a prescribed program of specialist training and include the Bachelor of Biotechnology, Environmental Science, Marine Science, Medicinal Chemistry or Nanotechnology.

**ADVANCED PROGRAMS**

The Advanced Programs are designed for high-achieving HSC students, and offer direct entry into an Honours degree, unlike normal Science degrees, which delay selection for Honours until the completion of third year. They offer flexibility, enrichment activities throughout the program, and the opportunity to undertake individual research projects in second, third and fourth years.

Students are required to fulfil all of the normal degree and Honours requirements, and maintain a high standard of academic performance.

**MAJORS**

**BIOLOGICAL SCIENCES**

**BACHELOR OF SCIENCE (BIOLOGICAL SCIENCES)**

Biology is the study of living things, from organic molecules to cells, individual organisms, populations and whole ecosystems.

Studies in biological sciences offer comprehensive training. Field and laboratory studies are built into appropriate subjects at all levels and take advantage of the superb local marine, freshwater and terrestrial environments; field stations on the south coast and inland regions; and modern laboratory facilities.

First and second year subjects provide a broad training in the biological sciences, and students may choose to specialise in one of the following areas towards the end of their degree: Biochemistry; Cell & Molecular Biology; Immunology; Community and Population Ecology (including Terrestrial & Marine); or Comparative Physiology.

**BIOTECHNOLOGY**

**BACHELOR OF BIOTECHNOLOGY**

Biotechnology is the use of living organisms (micro-organisms, plants and animals) to make commercial products or research tools. A new generation of pharmaceuticals, vaccines, hormones and anti-inflammatory agents are being developed using these new technologies, which include genetic engineering, monoclonal antibody technology and proteomics.

Biotechnology degrees cover topics including genetics, physiology, infection, immunity and bioinformatics; and are designed to produce graduates who can examine and understand the application of cellular and molecular biology to industrial, agricultural, environmental and medical fields. Graduates of the Bachelor of Biotechnology qualify to apply for membership of the Australian Institute of Biology, the Australian Society of Microbiology and the Australian Biotechnology Society.

**CHEMISTRY**

**BACHELOR OF SCIENCE (CHEMISTRY)**

**BACHELOR OF SCIENCE ADVANCED**

Chemistry is the science of matter, concerned with the structures, properties and reactions of materials at the molecular level. In its central position between biology and medicine on the one hand, and mathematics, physical sciences and geosciences on the other, it has direct links with most other sciences. Chemical ideas and techniques play a vital role across the sciences and are essential to the health of our modern industrial civilisation.

The first year of the Chemistry degree provides a basic foundation in the fundamentals of chemistry, enabling students to identify those parts of chemistry that particularly interest them. In later years, students become familiar with a wide range of modern and sophisticated chemical instrumentation such as nuclear magnetic resonance, mass spectrometers and other recent advances in each of the major areas of Chemistry: analytical, physical, inorganic, organic, biological, environmental and medicinal chemistry.

This degree is accredited by the Royal Australian Chemical Institute.

**ECOLOGY**

**BACHELOR OF SCIENCE (ECOLOGY)**

**BACHELOR OF SCIENCE ADVANCED**

This specialisation focuses on the ecology of marine, freshwater and terrestrial systems in both tropical and temperate environments. In addition to studying a range of scientific techniques including remote sensing, molecular genetics and biodiversity assessment; students will also study landscape change, climatology, and organisms including endangered plants, marsupials, marine and arid land birds, and invertebrates.

**ENVIRONMENT**

**BACHELOR OF ENVIRONMENTAL SCIENCE**

**BACHELOR OF ENVIRONMENTAL SCIENCE ADVANCED**

**BACHELOR OF SCIENCE (ENVIRONMENT)**

Environmental scientists assess, research and manage resources and a wide range of environmental issues. The Environment major in the Bachelor of Science focuses on biological sciences, chemistry and geosciences and is ideal for students wishing to complete a science based environment degree within three years.

The Bachelor of Environmental Science is a specialist degree designed to give students the knowledge and skills required to manage environmental issues confronting Australia and other countries. It combines a broad-based scientific education with a multidisciplinary approach to problem solving, covering all the principal Sciences (biology, chemistry, geography, geology and physics, together with mathematics and statistics) and material from other relevant disciplines including engineering, management, law, science and technology studies, and philosophy. This equips students to understand the ethical, social, economic and political aspects of environmental issues, and to be able to work alongside engineers, lawyers and other environmental management professionals. In third and fourth years, students elect to specialise in one of four strands: Life Sciences, Land Resources, Earth Sciences or Environmental Chemistry. All students complete a research project for an external organisation in the fourth year. Graduates are eligible for full membership of the Environment Institute of Australia & New Zealand and other relevant professional bodies depending on their disciplinary orientation.

**GEOLOGY**

**BACHELOR OF SCIENCE (GEOLOGY)**

**BACHELOR OF SCIENCE ADVANCED**

Geology is the study of the earth, the materials it is made of, the processes that act on these materials, the products formed, and the history of the planet and its life forms.

Areas of specialised study include economic geology (coal, petroleum, uranium), geophysics, palaeontology, sedimentology, structural geology, stratigraphy, tectonics, volcanology and geochemistry.

**GEOSCIENCES**

**BACHELOR OF SCIENCE (GEOSCIENCES)**

**BACHELOR OF SCIENCE ADVANCED**

This program is designed for students who are interested in both Geography and Geology. It provides greater flexibility for students who wish to take a broad range of subjects in these areas.
**Human Geography**

**Bachelor of Science** (Human Geography)

Human Geography encompasses the study of both people and their environments. Geographers maintain that place matters in examining debates about population, economic development, environmental management, planning and citizenship. They study conflicts and tensions about access to resources and are able to make important contributions in resolving these conflicts.

Human Geography is an immediately relevant discipline with applications in environmental management, urban planning, population studies and the management of social and economic change.

**Bachelor of Science Advanced**

**Land and Heritage Management**

**Bachelor of Science** (Land and Heritage Management)

This specialist program combines Physical and Human Geography subjects (including rural and urban spaces, the environmental impact of societies, and environmental and heritage management) with other relevant subjects to provide the skills and knowledge required for employment or research on both cultural and natural heritage issues.

**Bachelor of Marine Science**

The diverse local coastal environment places UOW in an ideal position to offer this multidisciplinary course. The Bachelor of Marine Science provides a broad emphasis on the Marine Sciences, drawing subjects from the biological, earth and environmental sciences. The program includes a flexible range of elective subjects, and students can choose either a single specialisation in Marine Biology or Marine Geosciences, or a combination of the two. In the later years of the degree, students may pursue interests in a range of specialist marine-related areas, including marine biology, ecology, coastal landscapes and management, fisheries and aquaculture, sea-level change or tsunamis. Marine Science is only available as a three-year specialist degree, and not as a major in the Bachelor of Science.

**Alison Haynes**

**Bachelor of Science**

**Ecology**

I have school-age children, a career and a husband who travels frequently, so I knew going to university would be a challenge logistically, but I thought that life is too short not to give it a go. I thought UOW was a good choice, as it has a good reputation in the sciences and has an active research element. I was thinking of studying something that I really wanted to do rather than what I ‘should’ do. I thought it would be fabulous to learn about Australian flora and fauna, so I chose Ecology. I enrolled in one subject to begin with as an experiment. It was good for me to start slowly and easier for my family to adapt as well. I would advise others to start up slow if they can, to see how they cope, but it depends on your circumstances.

**Michael Hughes**

**Bachelor of Science/Bachelor of Arts**

**Geosciences and History**

I undertook study at UOW as I wanted a change in direction. In order to do that, I needed a formal qualification, and I wanted to find something I loved doing and could do for the rest of my life. I heard great things about the University of Wollongong from people that attended and I needed somewhere close to home, since I still have work commitments. I would advise people not to be scared by the thought of studying with people straight out of High School. I have found the younger members of the University to be great and inclusive. That said, you won’t be alone, there are a lot of us in the mature age category now.
MEDICINAL CHEMISTRY
BACHELOR OF MEDICINAL CHEMISTRY
BACHELOR OF MEDICINAL CHEMISTRY ADVANCED
BACHELOR OF SCIENCE (MEDICINAL CHEMISTRY)

Medicinal Chemists design and synthesise new medicinal and pharmacological agents, develop new dosage forms, monitor guidelines for testing drugs, undertake analyses, assist with drug regulatory affairs and assess patent applications for new drugs.

The Medicinal Chemistry degree aims to provide students with a strong grounding in chemistry, medicinal chemistry, and the biological sciences, as well as knowledge in anatomy, physiology, drug discovery and design, and pharmacology to help students address fundamental questions at the molecular level. Training is provided in physiology, pharmacology and other areas needed to understand the effects of disease on the body and the role of medicinal intervention.

The degrees in Medicinal Chemistry are accredited by the Royal Australian Chemical Institute and graduates fulfil the membership requirements as part of their degree.

NANOTECHNOLOGY
BACHELOR OF NANOTECHNOLOGY
BACHELOR OF NANOTECHNOLOGY ADVANCED
BACHELOR OF SCIENCE (NANOTECHNOLOGY)

Nanotechnology is a combination of chemistry and materials science that is set to revolutionise Materials Science and Engineering. It is already affecting our lives in areas such as health and communications. Students studying this major acquire a firm foundation in materials chemistry and engineering which will enable them to find careers in a wide range of industries and research settings. The degrees target the emerging fields of nano-materials, molecular machines and nano-science, and the focus on the use of nano-scale technologies and molecular architecture will give graduates an edge in the market as more industries implement the advances of the nanotechnology revolution.

Specialist subjects expose students to the possibilities that nano-science has to offer from the first year as they work alongside leading researchers and develop their laboratory skills and understanding of this emerging field. Graduates have career opportunities in the application of advanced materials, including the semi-conductor sector, biomedical materials, telecommunications, manufacturing, defence and the aerospace industries. In addition to the materials chemistry focus, elective streams are available in Physics, Mechatronics and Biology, and students may choose options that enable them to be eligible for accreditation with the Royal Australian Chemical Institute. Students also complete a major research project in the final year.

PHYSICS

Physics, as one of the fundamental sciences, provides the basis for making, interpreting and extending observations relating to the behaviour and structure of matter. Physics is fundamental to the study of all sciences and has a key role to play in generating and supporting new technologies. All Science and Engineering graduates will at some time in their careers use equipment and techniques or make judgements which require a basic grounding in physics. Topics covered in Physics include solid-state physics, nuclear physics, astronomy and astrophysics, radiation physics, optics, thermodynamics, and a number of advanced mathematics subjects. For information about Physics, please refer to the Faculty of Engineering section on page 41.

PHYSICAL GEOGRAPHY
BACHELOR OF SCIENCE (PHYSICAL GEOGRAPHY)
BACHELOR OF SCIENCE ADVANCED

Physical Geography is the study of patterns and processes in the environment caused by the forces of nature. It examines the environmental and ecological problems facing the world, and provides the skills and knowledge to assist in managing them. Skills in computer techniques, spatial analysis, satellite imagery, landscape change, climatology, and the environmental impact of societies mean that graduates are particularly marketable in those areas requiring expertise across several fields or disciplines.

International Bachelor of Science

The International Bachelor of Science is an internationally unique four-year degree offered in conjunction with the University of Colorado (Boulder) and Dublin City University. The degree offers a strong discipline-based training in the chosen Science major, integrated with a technological application of science and its social context. Students complete a major research project at Honours level and undertake at least one semester of overseas study at either of the partner universities.

Videoconferencing technology is used to link up students at all three universities in several ‘Global Classroom’ subjects.

FURTHER STUDY

- Honours in Major specialisation
- Graduate Diploma in Education
- Master of Science
- Master of Science – Research
- Doctor of Philosophy

Preparing for Science

The Faculty recommends students planning to enrol in a Science degree take at least two units of science and at least two units of mathematics for the HSC. In addition, students enrolling in degrees which recommend the completion of subjects in Biological Sciences, Chemistry, Physics or Mathematics are strongly advised to study these subjects at HSC level even though they may not be specified prerequisites.

MATHEMATICS REQUIREMENT

Students entering a Science degree without at least HSC Mathematics Band 4 (or equivalent) are required to complete a mathematics subject (usually MATH151) as part of their degree.

BRIDGING COURSES

Bridging courses in Biology, Chemistry and Physics are held prior to the commencement of the University year, during February. Students who do not meet standard entry levels in these subjects are advised to register on enrolment day. These subjects do not count towards the degree requirements. The current cost of these courses is $75 for Biology, and $150 each for Chemistry and Physics.

MENTORING FOR DISADVANTAGED STUDENTS

The Faculty offers a free program for first-year students in which senior students mentor disadvantaged students to ensure a smooth transition into university studies. For more information on the program, contact the Faculty of Science office.

CHEMISTRY HELP DESK

Extra consultation is available to first-year students who require additional support or assistance in chemistry studies. The aim of this program is to bring all students up to the same knowledge level by the end of the first year of study.

MATURE STUDENT COURSEGUIDE 2010
www.uow.edu.au/future/mature

/59
The University of Wollongong offers you the choice of studying two Bachelor degrees at the same time, providing you with broader qualifications and enhanced career prospects.

You can complete a double degree and achieve the same qualifications in much less time than it would take to complete the two degrees consecutively.

The tables below show the full range of double degrees offered at UOW. Details of the individual degrees can be found in the relevant faculty pages.

<table>
<thead>
<tr>
<th>DEGREE</th>
<th>APPROX. UAI</th>
<th>FULL-TIME DURATION</th>
<th>ASSUMED KNOWLEDGE</th>
<th>RECOMMENDED STUDIES/ADDITIONAL REQUIREMENTS</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Arts – Bachelor of Commerce</td>
<td>80</td>
<td>4.5 years</td>
<td>Any two units of English</td>
<td>English Advanced</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Arts – Bachelor of Laws</td>
<td>90</td>
<td>5 years</td>
<td>Any two units of English</td>
<td>English Advanced</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Commerce – Bachelor of Laws</td>
<td>90</td>
<td>5 – 5.5 years</td>
<td>Any two units of English</td>
<td>English Advanced</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Communication &amp; Media Studies – Bachelor of Arts</td>
<td>80</td>
<td>4.5 years</td>
<td>Any two units of English</td>
<td>English Advanced</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Communication &amp; Media Studies – Bachelor of Commerce</td>
<td>80</td>
<td>4.5 years</td>
<td>Any two units of English</td>
<td>English Advanced</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Communication &amp; Media Studies – Bachelor of Laws</td>
<td>90</td>
<td>5 – 5.5 years</td>
<td>Any two units of English</td>
<td>English Advanced, Mathematics and four units of Science</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Computer Science – Bachelor of Arts</td>
<td>80</td>
<td>4.5 years</td>
<td>Any two units of English plus Mathematics and at least two units of Science. Geography may be counted as Science units</td>
<td>Interview/audition/portfolio required for admission. English Advanced</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Computer Science – Bachelor of Commerce</td>
<td>80</td>
<td>4.5 years</td>
<td>Any two units of English plus Mathematics (not including General Maths).</td>
<td>Interview/audition/portfolio required for admission. English Advanced</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Computer Science – Bachelor of Laws</td>
<td>90</td>
<td>5.5 – 6 years</td>
<td>Any two units of English, plus Mathematics</td>
<td>Interview/audition/portfolio required for admission. English Advanced</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Creative Arts – Bachelor of Arts</td>
<td>4.5 years</td>
<td>Any two units of English</td>
<td>Interview/audition/portfolio required for admission. English Advanced</td>
<td>Wollongong</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Creative Arts – Bachelor of Commerce</td>
<td>4.5 years</td>
<td>Any two units of English</td>
<td>Interview/audition/portfolio required for admission. English Advanced</td>
<td>Wollongong</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Creative Arts – Bachelor of Communication &amp; Media Studies</td>
<td>4.5 years</td>
<td>Any two units of English</td>
<td>Interview/audition/portfolio required for admission. English Advanced</td>
<td>Wollongong</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Creative Arts – Bachelor of Computer Science</td>
<td>4.5 years</td>
<td>Any two units of English plus Mathematics</td>
<td>Interview/audition/portfolio required for admission. English Advanced</td>
<td>Wollongong</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Creative Arts – Bachelor of Laws</td>
<td>5 – 5.5 years</td>
<td>Any two units of English</td>
<td>Interview/audition/portfolio required for admission. English Advanced</td>
<td>Wollongong</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Creative Arts – Bachelor of Science</td>
<td>4.5 years</td>
<td>Any two units of English plus Mathematics and any two units of Science.</td>
<td>Interview/audition/portfolio required for admission. English Advanced</td>
<td>Wollongong</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Engineering (Civil/Environmental/Materials/Mechanical/Mechatronic/Mining) – Bachelor of Arts</td>
<td>80</td>
<td>5 years</td>
<td>Any two units of English plus Mathematics</td>
<td>English Advanced, HSC Mathematics Extension 1, Chemistry &amp; Physics. Engineering Studies if available</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Engineering (Computer/Electrical or Telecommunications) – Bachelor of Arts</td>
<td>80</td>
<td>5 years</td>
<td>Any two units of English plus Mathematics</td>
<td>English Advanced, HSC Mathematics Extension 1 &amp; Physics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Engineering (Civil/Environmental/Materials/Mechanical/Mechatronic/Mining) – Bachelor of Commerce</td>
<td>80</td>
<td>5 years</td>
<td>Any two units of English plus Mathematics</td>
<td>HSC Mathematics Extension 1, Chemistry &amp; Physics. Engineering Studies if available</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Engineering (Computer/Electrical or Telecommunications) – Bachelor of Commerce</td>
<td>80</td>
<td>5 years</td>
<td>Any two units of English plus Mathematics</td>
<td>English Advanced, HSC Mathematics Extension 1 &amp; Physics</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Engineering (Civil/Environmental/Materials/Mechanical/Mechatronic/Mining) – Bachelor of Computer Science</td>
<td>80</td>
<td>5 years</td>
<td>Any two units of English plus Mathematics</td>
<td>Chemistry, Physics, HSC Mathematics Extension 1. Engineering Studies if available</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Engineering (Civil/Environmental/Materials/Mechanical/Mechatronic/Mining) – Bachelor of Laws</td>
<td>90</td>
<td>6 years</td>
<td>Any two units of English plus Mathematics</td>
<td>English Advanced, Chemistry, Physics, HSC Mathematics Extension 1. Engineering Studies if available</td>
<td>Wollongong</td>
</tr>
<tr>
<td>DEGREE</td>
<td>APPROX. UAI</td>
<td>FULL-TIME DURATION</td>
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<td>RECOMMENDED STUDIES/ADDITIONAL REQUIREMENTS</td>
<td>LOCATION</td>
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<td>80</td>
<td>5 years</td>
<td>Any two units of English plus Mathematics</td>
<td>HSC Mathematics Extension 1, Chemistry &amp; Physics. Engineering Studies if available</td>
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<td>Any two units of English plus Mathematics and at least two units of Science</td>
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<td>5 years</td>
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<td>Any two units of English plus any four units of Mathematics and/or Science</td>
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*See Recommended Studies/Additional Requirements column.
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Student Support & Welfare

UOW offers excellent support to enhance your learning experience. The Learning Development Centre provides a range of assistance and free services to students, with workshops covering everything from essay writing and presentation skills, to better study practices and time management. Two childcare centres are open 51 weeks of the year, catering for children aged from six weeks to six years. Both offer full-time, part-time and occasional care as well as an educational program.

Academic Support

Library

www.library.uow.edu.au

The University Library provides comprehensive support to all students through innovative face-to-face and web-based services. Extensive collections include: half a million books in print; electronic journals and books; international news and subject-based resources; and statistical information. Quality information resources are accessible through the Library’s website, 24 hours a day, 7 days a week.

The newly upgraded library building offers a range of study places to meet all needs including quiet study, relaxed reading, group project work and more. Computing, printing and photocopying facilities are available on all floors and clients are supported throughout the building by library staff.

In fact, our friendly team can provide expert help in locating and evaluating information: in person; in specialised workshops; in lectures; and online via instant messaging and email services. Professional librarians work with lecturers to ensure that students’ develop strong information skills. A thorough orientation program provides everything you need to become independent learner, and to make the most of the Library.

Computer Resource Centre

www.uow.edu.au/its

UOW’s Information Technology Services (ITS) provides training, user-guides and the student computer resources, including nine central student computer laboratories, as well as teaching laboratories. Students can access email, the Internet, software and printers. Teaching laboratories contain special purpose software for tutorials run by individual departments. Staff can provide you with assistance with laboratory equipment, software, and online training.

Learning Resource Centre

www.uow.edu.au/student/services

The Learning Resource Centre offers help and free services to students who wish to improve their academic, literacy and language skills. Services and facilities include academic skills programs; English workshops; individual consultations; and resources for both undergraduate and postgraduate students, including a wide range of self-access resources on the interactive UniLearning website.

Academic Advisers

Academic advisers and the Subdean in your Faculty can assist you with choosing courses, subjects and with any difficulties you may have. You can also consult your tutor, lecturer, or the course coordinator.

Woolyungah Indigenous Centre

www.uow.edu.au/wic

Aboriginal and Torres Strait Islander students can find an understanding and supportive environment at the Woolyungah Indigenous Centre. The Centre provides for equity of access, participation and outcomes for UOW Indigenous students and encourages links with our local Aboriginal community. The Centre also teaches Aboriginal Studies subjects, and offers access to the Aboriginal Studies resource collection. Additionally, Aboriginal and Torres Strait Islander students have access to a computer lab and photocopying/printing facilities.

Welfare and Student Advocacy

Student Equity & Diversity Liaison Officers (SELOs)

www.uow.edu.au/student/services/SELO

Each Faculty has a Student Equity and Diversity Liaison Officer who is a first contact for help with student welfare and equity related issues, EdStart grants (see page 13), and liaison with areas of Student Services (including Counselling, Learning Development and the Careers Services), the Academic Registrar’s Division and other areas of the University.

Student Enquiries & Online Services

www.uow.edu.au/student

The Academic Registrar’s Division (ARD) provides a comprehensive range of support services for students, including Student Online Enrolment Management Services, the administration of scholarships, orientation, enrolment, leave of absence requests, and graduation.

Wollongong Undergraduate Students’ Association (WUSA)

wusa.uow.edu.au

All undergraduate students are eligible to join the Wollongong University Students’ Association. WUSA provides advocacy and support for students who are experiencing difficulties with their studies, produces a student newspaper, runs a secondhand bookshop, and provides cheap photocopying, faxing and binding, free tea and coffee, and interest-free emergency loans.

Dean of Students

www.uow.edu.au/student/services/dos

The Dean of Students oversees the welfare of all students and advocates on their behalf. Problems with admission, enrolment, assessment, progression, transferring courses and similar matters may be referred to the Dean if the relevant Faculty or Department cannot resolve them.

Disability Services

www.uow.edu.au/student/services/ds

Access and resources are available for students with disabilities and medical conditions that impact on their studies. Disability Services facilitate the transition to university life through to completion of studies. Advice and support, assistive technology, note-takers, volunteer readers, advocacy, peer support networks, an Access Room, alternate exam arrangements and accessible parking may be provided. Students are encouraged to register with supporting documentation as soon as possible.

UOW Alumni Network

www.uow.edu.au/alumni

When you graduate from UOW, you become part of the UOW Alumni Network. Current students can also benefit from the many activities and discounts available to Alumni. All UOW students are eligible to receive an Alumni Benefits Card which provides a wide range of discounts. Contact the Alumni Network for more information, or collect your card from the UniAdvice enquiry counter in Building 36.
CHILD CARE SERVICES
unicentre.uow.edu.au/kidsuni
Childcare facilities with qualified Early Childhood staff are available through UniCentre Children’s Services. Two day care centres are open 51 weeks of the year catering for children aged from six weeks to five years. Both offer full-time, part-time and occasional care, as well as an educational program. Out of School Hours Care and Vacation Care is also available for children aged five to twelve years.

COUNSELLING SERVICES
www.uow.edu.au/student/services/cs
The Counselling Service provides confidential, professional and sympathetic help at times of difficulty, conflict or crisis. This service is available to members of the Campus community at no charge.

CLUBS AND SOCIETIES
unicentre.uow.edu.au/getinvolved/clubs
There are over 35 clubs and societies on campus, including religious, cultural, social and recreational groups. The UniCentre and the Students’ Association manage the clubs, and the email addresses for the different clubs can be found on the Clubs and Societies website.

CAMPUS HEALTH
unicentre.uow.edu.au/retail/generalfacilities/health
A range of health and medical services are provided on the first floor of the UniCentre, including optometry, dentistry, naturopathy and acupuncture. UOW also has a doctor on-campus Monday to Thursday.

RELIGIOUS SERVICES
unicentre.uow.edu.au/retail/generalfacilities
The University’s Chaplaincy Service offers fellowship, personal counselling and guidance as well as leadership in doctrinal studies and worship. There is also a Muslim prayer space on campus, a mosque within walking distance of the University and a Buddhist Temple in Wollongong. Student-based religious clubs include the Buddhist Society; Catholic Club; Chinese Christian Fellowship; Evangelical Christian Union; and the Muslim Students Association. For more information, visit the UniCentre general facilities page above and click on ‘Chaplaincy’.

CENTRE FOR STUDENT ENGAGEMENT (CSE)
unicentre.uow.edu.au/cse
CSE designs and facilitates a range of opportunities for students including cultural and social activities, clubs and societies, adventure, leadership activities, and much more.

ACCOMMODATION SERVICES
www.uow.edu.au/about/accommodation
UOW accommodation services offers a range of university-managed accommodation options, both catered and self-catered, as well as assistance in finding off-campus accommodation. University-managed residences include a number of larger self-catered apartments suitable for families.
Expand Your Career Options

www.uow.edu.au/careers

EMPLOYERS RANK UOW TOP 100 IN THE WORLD
For the second year in a row, UOW has been ranked in the top 100 universities in the world by the Times Higher Education Employer Review (2008). This review rates employers’ opinions of UOW graduates.

The Careers Service provides programs, events, publications and services to help students in this. They include:
- Individual careers counselling
- Workshops
- Events such as careers fairs
- Employer presentations
- Work experience programs to promote Work Integrated Learning
- A comprehensive website, which includes graduate job vacancies, part-time and vacation jobs, information and advice on a range of career development issues, links to other online career resources and much more!

Students can access these services and resources at any time during their studies, to seek help for example, with choices of subjects and majors. There is a range of activities designed to enhance the skills sought after by Australian employers and to assist final year students in finding full-time paid employment at the end of their studies.

The service maintains contact with a wide range of employers of graduates in Australia and overseas, and ensures that UOW students are kept abreast of what is happening in the graduate labour market—where the jobs are.

INDIVIDUAL CAREERS COUNSELLING
Students can make appointments at any time during their studies to discuss their career plans and questions with an experienced careers counsellor. Discussion might include choice of subjects or majors to match your ideal job, further study to provide additional training or sharper focus to a career plan, strategies for accessing the graduate labour market or just general clarification or confirmation of career expectations.

WORKSHOP PROGRAM
Of particular value to final-year students, but open to all, the workshop program covers many aspects of career and job seeking—resume writing, cover letters, online job application and job-seeking strategies amongst others.

CAREERS EVENTS
Each year there are major events, notably the National Careers Fair in April, that bring employers onto campus. Students have the chance to talk to employers informally to get first hand information about graduate opportunities. Other fairs focus on areas such as the education and health industries.

Work-Integrated Learning Programs
EMPLOYMENT EXPERIENCE PROGRAM
The Employment Experience Program is designed to facilitate for and support students who wish to undertake unpaid work experience with an Australian business. Voluntary work experience is a great way to increase your employability—you will develop industry-specific skills attractive to employers.

UNIVATIVE ILLAWARRA
Univative Illawarra is a unique program where teams of student volunteers compete for prizes to provide a solution for a real-world business problem/issue posed to them by a local business. Participants have the chance to network with key industry players in the region and gain invaluable experience in teamwork, problem-solving and management.

CAREERS SERVICE INTERNSHIP
The Careers Service recruits students to become Careers Service Interns, who perform duties in a variety of publicity and administrative roles in the office and at activities such as careers fairs. Interns develop valuable skills, such as confidence in dealing with other students and employers, and public speaking.

INDUSTRIAL EXPERIENCE/VACATION WORK
Available for students at the end of their 2nd or 3rd year, industrial experience during the summer holiday/vacation covers work which relates to the student’s field of study, providing valuable experience of practical application of that field, and can act as a trial period for both student and employer to gain some understanding of each other.

For more information please visit ‘Industrial Experience/Vacation Work’ on ‘My JobBoard’.

VOLUNTARY WORK/WORK EXPERIENCE PROGRAMS
The Careers Service provides advice to students about strategies to secure work experience in a voluntary (i.e. unpaid) capacity. This can give an insight into possible graduate work in the area, enhance general workplace skills, and, in the case of community service organisations, enable students to make a much-valued contribution. It is important to understand any insurance issues related to unpaid work experience and this should be discussed with the prospective employer.

For more information please visit ‘Voluntary Work’ and ‘Work Experience Programs’ on ‘My JobBoard’.

Other Work Experience
There is also the option to take part in work experience programs other than those managed by the Careers Service. However, please note that while the Careers Service programs are freely available to all University students domestic and international, externally-managed programs will have conditions set by the particular employer in question. The University advises that you contact any employer with whom you’re interested in undertaking work experience for detailed information on any conditions which may apply.
The scholarships offered by UOW ensure the most deserving students get to put their best foot forward. UOW’s scholarship options provide equal opportunities to students from varied backgrounds. Some are designed to attract the most academic students and reward them for their outstanding achievements, while others recognise the personal attributes and community contributions of well-rounded students. UOW also offers scholarships to students with outstanding sporting ability, allowing them to study and pursue their sporting goals. There are also scholarships designed to help students who would not otherwise be able to study at the University of Wollongong.

Each scholarship provides financial assistance to allow students to focus more effectively on their studies, while some also offer the opportunity for work-integrated learning programs. Some offer support through the whole degree, while others are for shorter periods, or to cover expenses such as accommodation at UOW Residences.

UOW’s Scholarship program is supported by a range of valued partners who understand the value of assisting the next generation of UOW graduates.

**APPLYING FOR A SCHOLARSHIP**
You can download a copy of the application form from the Scholarships website: www.uow.edu.au/about/scholarships. find one in a copy of the UOW scholarships brochure, or call 1300 367 869 to have one sent to you.

Applications for scholarships close in September each year, the same date as UAC, unless stated otherwise.

**Frequently Asked Scholarship Questions**

**Q. Who should apply?**
A. Prospective students who are Australian citizens, permanent residents of Australia, or holders of an Australian humanitarian visa should apply (unless stated otherwise). Some scholarships are available throughout the year to students in all faculties and in all levels of study.

**Q. Are there specific criteria for each scholarship?**
A. Applicants must be (or intend to be) full-time students (see page 73). Additional criteria for individual scholarships are detailed on preceding pages.

**Q. Are there conditions placed on the scholarships?**
A. All UOW scholarships have conditions. Some scholarships are conditional on your academic progress; some depend on work experience performance. If you are successful in gaining a scholarship we will go through all of the conditions with you so that you completely understand them.

**Q. How will I be paid?**
A. Each scholarship is paid in two equal instalments for every year that the scholarship lasts. The first payment is in March, the second is in August.

**Q. Will I have to pay tax on my scholarship?**
A. Most scholarships are not taxable; though UOW encourages each scholarship recipient to seek their own advice. A good place to start is the Australian Tax Office (ATO). To find out if your Scholarship is taxable go to the ATO website www.ato.gov.au and use the “Scholarship Decision Tool”.

**Q. Do I need to make a separate application for my uni degree?**
A. Yes, you will need to apply to your degree.

**Q. How will I know if I am successful?**
A. Some sponsors will call for interviews, while some scholarships will be awarded based solely on the applications. Whether your application is successful or unsuccessful, you will be notified in late November. The offers are conditional on receiving an offer to study at UOW, and enrolment in a degree complementary to the scholarship. All scholarship applicants are ranked, and in the event that a successful candidate does not accept their offer, the next person on the list will be made the offer.

**Q. Can I defer my UOW scholarship?**
A. No, while you can defer your UOW enrolment, you cannot defer your scholarship. If you do want to defer, you are more than welcome to make a scholarship application for the following year.

**Q. How many scholarships can I hold at one time?**
A. Although you can apply for more than one scholarship, you will only be eligible to hold one UOW scholarship at a time.
UOW has additional campuses and Education Centres in the Shoalhaven, Batemans Bay, Bega, Moss Vale and Southern Sydney. The University also operates postgraduate programs at the Sydney Business School, and the University of Wollongong Dubai in the United Arab Emirates.

South Coast

SHOALHAVEN CAMPUS (NOWRA)
shoalhaven.uow.edu.au
Situated west of Nowra in the City of Shoalhaven, UOW and Illawarra Institute of TAFE have built a facility that provides teaching space for both institutions, a joint library, a canteen and student facilities. Students attending Shoalhaven Campus have access to a range of services and learning is supported by easy access to information technology.

BATEMANS BAY EDUCATION CENTRE
bbay.uow.edu.au
The Batemans Bay Education Centre is a joint facility for UOW, Illawarra Institute of TAFE and Eurobodalla Shire Council. Both UOW and TAFE provide courses at the Centre, which also houses the Batemans Bay Community Library. The Library has experienced staff to assist students, and stocks an excellent core collection of print and audiovisual materials. It also provides access to electronic databases and full-text resources.

BEGA EDUCATION CENTRE
bega.uow.edu.au
The Bega Education Centre is a joint facility for UOW, TAFE Illawarra and Bega High School. All three institutions provide courses, and the Centre is located in the heart of Bega, providing easy access to the local business district, Bega High School, and the Bega campus of TAFE Illawarra.

Southern Highlands

MOSS VALE EDUCATION CENTRE
mvale.uow.edu.au
The Moss Vale Education Centre is a joint initiative of UOW and Illawarra Institute of TAFE. The Centre is located in a new building located at the Moss Vale TAFE. The Moss Vale Campus Library has experienced staff who can assist students’ access to a core collection of print and audiovisual materials, plus electronic databases and full-text resources. Students also have access to a canteen and student lounge.

Regional Education Centres & Campus Scholarships

TEACHING INNOVATION SCHOLARSHIPS MATHS & SCIENCE EDUCATION

LOFTUS
Amount: Up to $6,000 over four years
Number Available: Five
- Applicants must be commencing study in the Bachelor of Science Education or Bachelor of Mathematics Education
- Academic excellence based on HSC performance or equivalent
- Positive motivation, interest and attitude towards High School teaching
- Communication and interpersonal skills
- Proven interest in mathematics and/or science
- Evidence of leadership, particularly with youth.

Southern Sydney

LOFTUS EDUCATION CENTRE
loftus.uow.edu.au
The Loftus Education Centre is a joint initiative of UOW, Southern Sydney Institute of TAFE and Sutherland Shire Council. The University building is located in the grounds of the Loftus TAFE Campus. The Loftus Campus Library provides library services, with experienced staff to assist students in accessing an excellent collection of resources. UOW students have access to the TAFE canteen facilities as well as their own lounge area, and access to computers and essential information technology. Students enjoy studying in a close-knit, community environment with smaller class sizes and a more personalised study experience.

EQUITY AND MERIT SCHOLARSHIP

LOFTUS EDUCATION CENTRE
Amount: Up to $6,000 over four years
Number Available: One
- Applicants must be studying either a Bachelor of Science Education or Bachelor of Mathematics Education
- Academic excellence based on HSC performance or equivalent
- Positive motivation, interest and attitude towards High School teaching
- Communication and interpersonal skills
- Proven interest in mathematics and/or science
- Demonstrated social, cultural or economic need; or living in a rural, isolated or outer-suburban environment.

Applications will be required to complete a questionnaire on social and/or financial disadvantage. This questionnaire will be mailed to applicants after the closing date for scholarship applications, and will be kept confidential.

COMMUNITY SPONSORED SCHOLARSHIPS

These scholarships are awarded to students who have gained admission to study full-time at the relevant satellite campus, and who reside in the local area and meet the Community Scholarships criteria. These scholarships are supported by local organisations and community members. Applications for these scholarships will be accepted until early March for the year students commence study.

BATEMANS BAY
- Amount: $500–$1,000 for one year
- Number Available: Varies

BEGA
- Amount: $500–$1,000 for one year
- Number Available: Varies

MOSS VALE EDUCATION
- Amount: Varies
- Number Available: Varies

SHOALHAVEN
- Amount: $500–$2,000 for one year
- Number Available: Varies
International Exchange

UOW’s extensive International Exchange Program gives you the chance to study for a semester or a year at some of the finest institutions in the world. This is an opportunity to discover a new culture, learn another language (or at least some new expressions) and give your resume an international edge.

Study four subjects overseas and you can even earn an International Studies minor as part of your degree.

UOW students can choose from over 100 exchange universities in more than 30 countries. You can study in English speaking countries like the USA, UK and Canada but programs are also taught in English in countries such as Sweden, Denmark, Mexico, Thailand and Japan. Of course, if you’re studying a foreign language, the best way to improve your language skills is to go on exchange to countries such as Italy, France or Spain.

EXCHANGE TRAVEL GRANTS & SCHOLARSHIPS
The International Exchange Program offers travel grants and scholarships ranging from $1,500 to $5,000 each session to help make studying overseas affordable. These are awarded on the basis of academic merit and vary depending on the Host University. All students who do not receive a targeted travel grant or scholarship will receive a travel grant of $1,000.

More information is available at [www.uow.edu.au/student/exchange/funding](http://www.uow.edu.au/student/exchange/funding) You may also be eligible for the Australian Government’s OS-HELP loan scheme, which allows students going on exchange to borrow up to $10,000 for two sessions of exchange.

Countries where International Exchange is available to UOW students include:
- Austria
- Belgium
- Canada
- Colombia
- Czech Republic
- Denmark
- Finland
- France
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Indonesia
- Italy
- Japan
- Malaysia
- Malta
- Mexico
- The Netherlands
- Norway
- Poland
- Portugal
- Slovenia
- South Korea
- Spain
- Sweden
- Switzerland
- Thailand
- United Kingdom
- United States of America

SHORT-TERM PROGRAMS
If going overseas on exchange for 6-12 months seems too long, you may decide to participate in a short-term program at one of UOW’s partner Universities. More information is available on the International Exchange website [www.uow.edu.au/student/exchange](http://www.uow.edu.au/student/exchange)
Glossary

Common university terms explained.

Academic year See Session

Advanced standing You may be granted advanced standing (credit) on the basis of previous study or experience. When advanced standing is given, it means that you do not have to take a particular subject because you have learned what you need to know through this previous study or experience.

Alumni Former students of a school or university. For more about the UOW Alumni Network, see page 65.

Assumed knowledge Universities often assume that you have studied certain subjects in the NSW HSC (or equivalent). For example, if HSC Mathematics Extension 1 is assumed knowledge for a particular degree and you have only studied HSC Mathematics, you may find related subjects in your degree difficult. Assumed knowledge is not compulsory for acceptance to UOW.

Bachelor degree The first level of tertiary study. A program of study requiring three to four years of full-time study, or part-time equivalent. Also referred to as a degree, program of study or course.

Census Date The date by which you must have finalised your subject selection and payment for a particular session.

Commonwealth supported place A university place for which the Australian Government makes a contribution towards the cost of the tertiary course.

Commonwealth supported student A student who is studying in a Commonwealth supported place.

Core subjects Some subjects are a compulsory requirement of studying your degree—these are called core subjects. Some degrees (for example, the Bachelor of Creative Arts) have a relatively large proportion of core subjects overall, while others (such as the Bachelor of Arts) allow students to pick a variety of electives (see below).

Credit points You will undertake a program of subjects that accrue credit points (cp) towards your degree. Credit points are a measure of student workload for each subject. Most subjects are single session and have a value of 6cp or 8cp. Full-time students normally complete 48cp per year, and 144cp over the course of a three-year Bachelor degree or 135cp over the course of a four-year Bachelor degree. A full-time 48cp year implies an average workload of up to 48 hours per week, including classes and private study. Part-time students enrol in less than 18cp per session.

Domestic Students Domestic students are Australian citizens and holders of permanent humanitarian visas. New Zealand citizens and holders of other permanent visas who will be residing in Australia for the duration of their study are also considered domestic students, but are not eligible for the HECS-HELP and FEE-HELP loan schemes and must pay tuition fees upfront.

Double degree Two Bachelor degrees studied simultaneously, with two sets of exams, usually completed in four to six years. For more information on double degrees see page 60.

Electives Electives are subjects that are not compulsory to your degree, but which you pick from a wide variety of areas. Electives can be chosen to complement your major area of study, or simply because you are interested in them. Most degrees require you to pick a certain number of electives.

Enrolment After you have been offered a place in a degree, you will be required to accept the offer and enrol at a certain time. This is essentially registering your subject choices for each year. Successful applicants will receive enrolment details with their offer. New students are sent enrolment information in January.

Entry requirements The minimum qualifications required for you to be considered for entry to a particular course.

FEE-HELP A Government loans scheme that helps eligible fee-paying students pay their tuition fees at eligible public and private higher education providers. All UOW undergraduate programs are Commonwealth supported—no FEE-HELP loan is required. See www.goingtouni.gov.au

Full-time or part-time This is not a matter of day or night classes, but is determined by the number of credit points in which you enrol. Only certain subjects are offered at night. For three-year degrees, full-time students normally enrol in a total of 48 credit points annually (four subjects or 24cp per session). Part-time students normally enrol in lower than 18 credit points per session.

HECS-HELP A loan scheme that helps eligible Commonwealth supported students to pay their student contribution amount. HECS-HELP is not means tested. See www.goingtouni.gov.au

Honours An Honours degree distinguishes a graduate as a high achiever. You can study Honours in one of two ways at UOW: In most three-year degrees, Honours is available as an additional (fourth) year of full-time study (or part-time equivalent) to students who achieve a high standard in their undergraduate degree. In a four- or five-year course, Honours is awarded for meritorious performance throughout the degree, often with a heavier weighting on the later years of the course. The admission requirements and classes of Honours awarded are defined in the Course rules in the UOW Undergraduate Calendar.

Lectures All students taking a subject attend lectures (and sometimes twice a week) group information sessions known as lectures. Lectures are generally one or two hours long. You may sometimes have two or more lectures consecutively.

Major A specialisation in an undergraduate degree.

NSW HSC The New South Wales Higher School Certificate.

Orientation A program of pre-session events (over several days) designed to help you acclimatise to the University, its procedures, facilities and the degree program in which you have enrolled.

Postgraduate program The second level of tertiary study (e.g., Graduate Certificate, Graduate Diploma, Masters degree or PhD), which can be attained after you have graduated with a Bachelor degree.

Recommended studies You may find some subjects in your degree easier if you have successfully completed the recommended HSC subjects.

Session The academic year is divided into three parts: the first session (Autumn, from February to June) and second session (Spring, from July to November), each usually 13 weeks long, and an optional third session (seven weeks over summer). Sessions are also referred to as ‘semesters’.


Testamur The official document you receive at your graduation ceremony, signifying the award of a qualification upon successful completion of the relevant program of study.

Tutorials Students studying a subject are divided into groups for weekly tutorials in which students discuss subject matter in-depth, or receive personalised assistance from their tutor. Some subjects will also include seminars, practical classes and/or laboratory work.

UAC Universities Admission Centre. The central office that receives and processes applications for admission to most undergraduate degrees at participating universities in NSW and the ACT. Mature Age students may apply either through the UAC or directly to UOW. For more information go to www.uac.edu.au

UAI score (or equivalent) Universities Admission Index. A rank between 0.00 and 100.00 with increments of 0.05 that provides information about how students perform overall against other students, and assists universities in ranking applicants for university selection. Released by the Universities Admission Centre, it is given to NSW HSC students who indicate they wish to be notified of their UAI. Applicants who have not completed the NSW HSC will have a UAI score calculated based on other information provided to assist in determining their eligibility for a degree. An example of this other information would be completed TAFE studies. Other criteria such as a portfolio, interview, or audition may also be taken into account for certain degrees, in conjunction with the UAI score (or equivalent).

Undergraduate course See Bachelor degree.