

# U



UNIVERSITY  
OF WOLLONGONG  
AUSTRALIA

# O

2017  
Undergraduate  
Course Directory

# W

Find  
your  
*why.*

In a world that is facing complex social, environmental and economic challenges, we are increasingly defined by our purpose and contribution to the world.

So, what contribution will you make? What inspires you? What makes you wonder? Where do your passions lie?

Let these questions guide you, and you're sure to find a UOW degree that will connect you with a meaningful career.

UOW is the place to find your *why*.

## Australia's top-rated uni

- Highest number of star ratings in the 2016 Good Universities Guide
- Highest percentage in federal government's Quality Indicators for Learning and Teaching (QILT) 2015

## World's top 20

- 17th best modern university in the world – QS Top 50 Under 50 Rankings 2015

## Job ready

- 5-stars for Getting a Full-time Job – 2016 Good Universities Guide
- 2015 Australian Financial Review Higher Education Award for Graduate Employability
- Top 1% of universities in the world – QS World University Rankings Graduate Employers Survey

## A 5-star uni

The 2016 Good Universities Guide awarded UOW the maximum 5-star rating in 6 categories

- Staff Qualifications
- Teaching Quality
- Generic Skills
- Overall Satisfaction
- Student Retention
- Getting A Full Time Job

## Inside

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# How to use this guide

Here you'll see the type of degrees we offer, an easy-to-follow course index and a guide to double degrees.

# Degree listings

This is an example of how we have presented our degrees in this directory:

Degree name

Address for detailed information about this degree.

The approximate ATAR/IB required for entry into the degree. This is subject to change and should be used as a guide only. Some degrees base their admissions on interviews, portfolios etc.

Accreditation given to the degree by relevant professional organisations.

One of these symbols next to the name of a degree or major means it is available as part of a special degree program for high achievers. See below for a description of these programs.

UOW campuses where you can study this degree.

The Universities Admission Centre (UAC) code used when applying to a degree. For more information visit [uac.edu.au](http://uac.edu.au)

UOW courses start every year in Autumn Session (February) and/or Spring Session (July). See inside back cover for key dates.

Normal minimum full-time duration of this degree

**Bachelor of Education - The Early Years**

[go.uow.edu.au/bed-eyrs](http://go.uow.edu.au/bed-eyrs)

ATAR	CAMPUS^	UAC
70/90 DS	Wollongong	755111/755211 DS
70/90 DS	Bega	755109/755209 DS
70/90 DS	Batemans Bay	755108/755208 DS
70/90 DS	Shoalhaven	755110/755210 DS
IB	DURATION	STARTS IN
25/33 DS	4yrs	Autumn (February)

**ACCREDITATION**  
The Bachelor of Education – The Early Years is accredited through the Australian Children's Education & Care Quality Authority (ACECQA).

**DS** Dean's Scholar available [go.uow.edu.au/bed-eyrs-ds](http://go.uow.edu.au/bed-eyrs-ds)

## BACHELOR DEGREES

Our Bachelor degrees offer you many options to specialise and combine interests. These degrees are very flexible and offer a wide range of majors, giving you the freedom to focus your studies around your passion.

Many degrees also offer the option of undertaking a double major, or a broad range of elective subjects, allowing you to custom-build your own qualification.

## DEAN'S SCHOLAR **DS** AND SCHOLAR DEGREES **S**

Dean's Scholar and Scholar degrees give high-achievers opportunities to excel.

They are built on standard Bachelor degrees and give you the chance to be paired with an academic mentor in the faculty. Scholars will have opportunities to tailor their studies to their interests, and may be able to accelerate their degrees.

## DOUBLE DEGREES

These programs let you complete two separate Bachelor degrees simultaneously, in less time than if you studied them one after the other. Studying a double degree lets you combine interests and increase your potential career paths. See page 08 for our diverse selection of double degree options.

## HONOURS **H** AND ADVANCED DEGREES **A**

An Honours or Advanced degree is recognised as a qualification above and beyond a Bachelor degree.

At UOW, Honours are either integrated into a degree, or are taken as an additional one-year program after completing a Bachelor degree. Advanced degrees are highly responsive to your interests and provide opportunities to participate in research projects. An additional Honours year is offered in most disciplines.

## UOW LOCATIONS

In addition to our main campus in Wollongong, UOW has a number of campuses throughout NSW. Each course listing will show the locations where you can study the degree. Alternatively, you can search by location at [coursefinder.uow.edu.au](http://coursefinder.uow.edu.au)

UOW Batemans Bay  
[bbay.uow.edu.au](http://bbay.uow.edu.au)

UOW Southern Sydney  
[ssydney.uow.edu.au](http://ssydney.uow.edu.au)

UOW Bega  
[bega.uow.edu.au](http://bega.uow.edu.au)

UOW Shoalhaven  
[shoalhaven.uow.edu.au](http://shoalhaven.uow.edu.au)

UOW Southern Highlands  
[highlands.uow.edu.au](http://highlands.uow.edu.au)

UOW Sydney Business School  
[sydneybusinessschool.com.au](http://sydneybusinessschool.com.au)

# Degree listings

**DS/S** Dean's Scholar/Engineering Scholar (additional selection criteria apply).

📍 Also offered at some regional campuses (ATARs may vary). 📍 First year can be completed at some Regional Campuses.

▣ Separate application, interview, audition or qualification. ☆ New Courses or Major, subject to final approval.

All ranks (ATARs & IB) are indicative. Check with UOW at time of application for up-to-date ranks.

## Arts and Humanities

			PAGE	DURATION	ATAR	IB
Bachelor of Arts	Community, Culture & Environment	12	3yrs	70	25	
	📍					
	Creative Writing / DS	12	3yrs	70/93 DS	25/35 DS	
	Cultural Studies / DS	12	3yrs	70/93 DS	25/35 DS	
	English Literatures / DS	12	3yrs	70/93 DS	25/35 DS	
	French / DS	12	3yrs	70/93 DS	25/35 DS	
	History / DS	12	3yrs	70/93 DS	25/35 DS	
	Indigenous Studies / DS	12	3yrs	70/93 DS	25/35 DS	
	International Relations / DS	13	3yrs	70/93 DS	25/35 DS	
	Italian / DS	13	3yrs	70/93 DS	25/35 DS	
	Japanese / DS	13	3yrs	70/93 DS	25/35 DS	
	Mandarin For Character Background Students / DS	13	3yrs	70/93 DS	25/35 DS	
	Mandarin For Non-Chinese Background Students / DS	13	3yrs	70/93 DS	25/35 DS	
	Philosophy / DS	13	3yrs	70/93 DS	25/35 DS	
	Photography / DS	13	3yrs	70/93 DS	25/35 DS	
	Politics / DS	13	3yrs	70/93 DS	25/35 DS	
	Science and Technology Studies / DS	13	3yrs	70/93 DS	25/35 DS	
	Sociology / DS	13	3yrs	70/93 DS	25/35 DS	
	Spanish / DS	13	3yrs	70/93 DS	25/35 DS	
	Writing & English Literatures / DS	14	3yrs	70/93 DS	25/35 DS	
Bachelor of Politics, Philosophy and Economics		14	3yrs	80/93 DS	29/35 DS	
Diploma in Languages		14	4yrs part-time	75	27	

## Business

Bachelor of Business	📍	17	3yrs	70	25	
Bachelor of Commerce	📍	17	3yrs	75/93 DS	27/35 DS	
	Accountancy / DS	17	3yrs	75/93 DS	27/35 DS	
	Business Law / DS	17	3yrs	75/93 DS	27/35 DS	
	Economics / DS	17	3yrs	75/93 DS	27/35 DS	
	Finance / DS	17	3yrs	75/93 DS	27/35 DS	
	Financial Planning / DS	17	3yrs	75/93 DS	27/35 DS	
	Human Resource Management / DS	17	3yrs	75/93 DS	27/35 DS	
	International Business / DS	18	3yrs	75/93 DS	27/35 DS	
	Management / DS	18	3yrs	75/93 DS	27/35 DS	
	Marketing / DS	18	3yrs	75/93 DS	27/35 DS	
	Public Relations / DS	18	3yrs	75/93 DS	27/35 DS	
	Supply Chain Management / DS	18	3yrs	75/93 DS	27/35 DS	

Bachelor of Economics and Finance	📍	18	3yrs	80	29	
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## Combined vocational programs

Bachelor of Commerce - TAFE Advanced Diploma of Events	📍	18	3yrs	72	26	
Bachelor of Commerce - TAFE Advanced Diploma of Hospitality		19	3yrs	72	26	

## Related studies

Bachelor of Commerce - TAFE Advanced Diploma of Travel and Tourism		19	3yrs	72	26	
Bachelor of Business Information Systems / DS		47	3yrs	75/95 DS	27/37 DS	
Bachelor of Mathematics and Finance (Honours) / DS		59	4yrs	85/95 DS	31 / 37 DS	

## Communications and Media

Bachelor of Communication & Media Studies	Digital Media and Communication / DS	22	3yrs	70/93 DS	25/35 DS	
	Global Media and Communication / DS	22	3yrs	70/93 DS	25/35 DS	
	Journalism and Professional Writing / DS	22	3yrs	70/93 DS	25/35 DS	
	Marketing Communication and Advertising / DS	22	3yrs	70/93 DS	25/35 DS	
Bachelor of Journalism		22	3yrs	75	27	
Bachelor of Digital Media		26	3yrs	75	27	

## Related studies

			PAGE	DURATION	ATAR	IB
Creative Arts	Bachelor of Creative Arts	Creative Writing / DS	25	3yrs	75/93 DS	27/35 DS
		Graphic Design / DS	25	3yrs	75/93 DS	27/35 DS
		Music / DS	25	3yrs	75/93 DS	27/35 DS
		Theatre / DS	25	3yrs	75/93 DS	27/35 DS
		Visual Arts / DS	25	3yrs	75/93 DS	27/35 DS
		Visual Arts & Design / DS	25	3yrs	75/93 DS	27/35 DS
	Bachelor of Arts	Creative Writing / DS	26	3yrs	70/93 DS	25/35 DS
		Photography / DS	26	3yrs	70/93 DS	25/35 DS
		Writing & English Literatures / DS	26	3yrs	70/93 DS	25/35 DS
	Bachelor of Digital Media		26	3yrs	75	27
	Bachelor of Performance / DS		26	3yrs	NA/93 DS	NA/35 DS
Education	Early Years	Bachelor of Education - The Early Years / DS	29	4yrs	70/90 DS	25/33 DS
		Bachelor of Primary Education / DS	29	4yrs	75/90 DS	27/33 DS
	Primary	Bachelor of Mathematics Education / DS	30	4yrs	73/90 DS	26/33 DS
		Bachelor of Health and Physical Education / DS	30	4yrs	75/90 DS	27/33 DS
		Bachelor of Science Education / DS	30	4yrs	73/90 DS	26/33 DS
	Secondary	Master of Teaching (Primary) ♀	30	2yrs	NA	NA
		Master of Teaching (Secondary) ♀	31	2yrs	NA	NA
	Related Studies	Bachelor of Social Science	79	3yrs	70/90 DS	25/33 DS
Engineering	Bachelor of Engineering (Honours)	Biomedical Engineering* / S	34	4yrs	80/95 S	29/37 S
		Civil Engineering / S	34	4yrs	80/95 S	29/37 S
		Computer Engineering / S	34	4yrs	80/95 S	29/37 S
		Electrical Engineering / S	34	4yrs	80/95 S	29/37 S
		Environmental Engineering / S	35	4yrs	80/95 S	29/37 S
		Materials Engineering / S	35	4yrs	80/95 S	29/37 S
		Mechanical Engineering / S	35	4yrs	80/95 S	29/37 S
		Mechatronic Engineering / S	35	4yrs	80/95 S	29/37 S
		Mining Engineering / S	35	4yrs	80/95 S	29/37 S
		Telecommunications Engineering / S	36	4yrs	80/95 S	29/37 S
Geography	Bachelor of Science (Materials)		36	3yrs	78	28
	Bachelor of Geography ☆		39	3yrs	75	27
	Bachelor of Science	Human Geography / Hon DS	39	3yrs/4yrs Hons DS	75/90 Hons DS	27/33 DS
		Land & Heritage Management / Hon DS	39	3yrs/4yrs Hons DS	75/90 Hons DS	27/33 DS
	Bachelor of Social Science	Human Geography / DS	39	3yrs/ DS	70/90 DS	25/33 DS
	Related studies	Bachelor of Science	74	3yrs/4yrs Hons DS	75/95 Hons DS	27/37 Hons DS
		Physical Geography and Environmental Geosciences / Hon DS				
Health & Medicine	Bachelor of Exercise Science		42	3yrs	78	28
	Bachelor of Exercise Science and Rehabilitation		42	4yrs	94	36
	Bachelor of Health Science (Indigenous Health)		42	3yrs	70	25
	Bachelor of Medical and Health Sciences / Hon DS		43	3yrs/4yrs Hons DS	82/93 Hons DS	30/35 Hons DS
	Bachelor of Nursing / Adv ♀		43	3yrs/4yrs Adv	70/80 Adv	25/29 Adv
	Bachelor of Nursing (Conversion)		43	1yr	NA	NA
	Bachelor of Nutrition & Dietetics (Honours)		43	4yrs	93	35
	Bachelor of Nutrition Science		44	3yrs	78	28
	Bachelor of Pre-Medicine, Science and Health		44	3yrs	95	37
	Bachelor of Health and Physical Education / DS		30	4yrs	75/90 DS	27/33 DS
Information and Communication Technology	Bachelor of Public Health Nutrition		70	3yrs	75	27
	Bachelor of Business Information Systems / DS		47	3yrs	75/95 DS	27/37 DS
	Bachelor of Computer Science	Big Data / DS	47	3yrs	75/95 DS	27/37 DS
		Cyber Security / DS	47	3yrs	75/95 DS	27/37 DS
		Digital Systems Security / DS	47	3yrs	75/95 DS	27/37 DS
		Game & Mobile Development / DS ☆	47	3yrs	75/95 DS	27/37 DS
		Software Engineering / DS	48	3yrs	75/95 DS	27/37 DS
	Bachelor of Information Technology	Digital and Social Innovation / DS	48	3yrs	75/95 DS	27/37 DS

			PAGE	DURATION	ATAR	IB	
Information and Communication Technology (continued)	Bachelor of Information Technology	eBusiness / DS	48	3yrs	75/95 DS	27/37 DS	
		Network Design and Management / DS	48	3yrs	75/95 DS	27/37 DS	
		Web Design and Development / DS	48	3yrs	75/95 DS	27/37 DS	
	Bachelor of Information Technology (International) ☆		48	3yrs	85	31	
International Studies	Bachelor of Arts	French / DS	51	3yrs	70/93 DS	25/35 DS	
		International Relations / DS	51	3yrs	70/93 DS	25/35 DS	
		Italian / DS	51	3yrs	70/93 DS	25/35 DS	
		Japanese / DS	51	3yrs	70/93 DS	25/35 DS	
		Mandarin For Character Background Students / DS	51	3yrs	70/93 DS	25/35 DS	
		Mandarin For Non-Chinese Background Students / DS	51	3yrs	70/93 DS	25/35 DS	
		Spanish / DS	51	3yrs	70/93 DS	25/35 DS	
Related Studies	Bachelor of International Studies	Global Media and Communication / DS	51	3yrs	75/93 DS	27/35 DS	
		Global Sustainable Development / DS	51	3yrs	75/93 DS	27/35 DS	
		International Relations / DS	51	3yrs	75/93 DS	27/35 DS	
Related Studies	Bachelor of Communication & Media Studies	Global Media and Communication / DS	22	3yrs	70/93 DS	25/35 DS	
Law	Bachelor of Laws		54	4yrs	90	33	
Double Degrees	Bachelor of Laws (Graduates only)		54	3yrs	NA	NA	
	Bachelor of Arts – Bachelor of Laws		54	5yrs	90	33	
	Bachelor of Arts (Psychology) – Bachelor of Laws		54	5yrs	90	33	
	Bachelor of Commerce - Bachelor of Laws		54	5yrs	90	33	
	Bachelor of Communication & Media Studies – Bachelor of Laws		54	5yrs	90	33	
	Bachelor of Computer Science – Bachelor of Laws		55	6yrs	90	33	
	Bachelor of Creative Arts – Bachelor of Laws		55	5yrs	90	33	
	Bachelor of Economics & Finance – Bachelor of Laws		55	5yrs	90	33	
	Bachelor of Engineering (Honours) – Bachelor of Laws		55	6yrs	90	33	
	Bachelor of Information Technology – Bachelor of Laws		55	5yrs	90	33	
	Bachelor of International Studies – Bachelor of Laws		55	5yrs	90	33	
	Bachelor of Journalism – Bachelor of Laws		56	5yrs	90	33	
	Bachelor of Psychological Science – Bachelor of Laws		56	5yrs	90	33	
	Bachelor of Mathematics – Bachelor of Laws		56	5.5yrs	90	33	
Mathematics and Statistics	Bachelor of Science – Bachelor of Laws		56	5yrs	90	33	
	Bachelor of Mathematics	Applied Statistics / Adv	59	3yrs/4yrs Adv	75/95 Adv	27/37 Adv	
		Mathematics / Adv	59	3yrs/4yrs Adv	75/95 Adv	27/37 Adv	
		Mathematics & Statistics / Adv	59	3yrs/4yrs Adv	75/95 Adv	27/37 Adv	
06	Related Studies	Bachelor of Mathematics and Finance (Honours)	Financial Planning / DS	59	4yrs	85/95 DS	31/37 DS
			Mathematical Economics / DS	59	4yrs	85/95 DS	31/37 DS
			Quantitative and Computational Trading / DS	59	4yrs	85/95 DS	31/37 DS
			Quantitative Corporate Finance and Investments / DS	59	4yrs	85/95 DS	31/37 DS
			Risk Management and Insurance / DS	59	4yrs	85/95 DS	31/37 DS
			Bachelor of Medical Mathematics	60	3yrs	85/95 DS	31/37 DS
			Bachelor of Mathematics Education / DS	30	4yrs	73/90 DS	26/33 DS
Physics	Physics	Bachelor of Medical and Radiation Physics / Adv	63	3yrs/4yrs Adv	80/95 Adv	29/37 Adv	
		Bachelor of Science	Atmospheric Science / Adv	63	4yrs Adv	95 Adv	37 Adv
			Biomolecular Physics / Adv	63	4yrs Adv	95 Adv	37 Adv
			Nuclear Science & Technology	63	3yrs	78	28
			Physics / Adv	63	3yrs/4yrs Adv	78/95 Adv	28/37 Adv
Psychology	Bachelor of Psychology (Honours)		66	4yrs	89	33	
	Bachelor of Arts	Psychology	66	3yrs	75	27	
	Bachelor of Psychological Science		66	3yrs	76	27	
	Bachelor of Social Science	Psychology	66	3yrs	77	27	
	Bachelor of Psychological Science (Honours) - 1 year		66	1yr	NA	NA	
3-year options							
4th year option							

			PAGE	DURATION	ATAR	IB
Public Health	Bachelor of Public Health	Epidemiology / DS	69	3yrs	73/90 DS	26/33 DS
		Health Administration / DS	69	3yrs	73/90 DS	26/33 DS
		Health Communication and Marketing Studies / DS	69	3yrs	73/90 DS	26/33 DS
		Health Promotion / DS	69	3yrs	73/90 DS	26/33 DS
		Indigenous Health / DS	69	3yrs	73/90 DS	26/33 DS
		Population and Environment / DS	69	3yrs	73/90 DS	26/33 DS
	Bachelor of Public Health Nutrition		70	3yrs	75	27
	Bachelor of Social Science	Health Promotion / DS ♀	70	3yrs	70/90 DS	25/33 DS
		Public Health / DS ♀	70	3yrs	70/90 DS	25/33 DS
Science International	International Bachelor of Science 	Nutrition / Hons	73	3yrs/4yrs Hons	75/95 Hons	27/37 Hons
		Sport and Movement Science / Hons	73	3yrs/4yrs Hons	75/95 Hons	27/37 Hons
Earth & Environmental Sciences	Bachelor of Environmental Science (Honours)		74	4yrs	85	31
	Bachelor of Science	Environment	74	3 yrs	75	27
		Geology / Hons DS	74	4 yrs/4 yrs Hons DS	75/95 Hons DS	27/37 Hons DS
		Physical Geography and Environmental Geosciences / Hons DS	74	5 yrs/4 yrs Hons DS	75/95 Hons DS	27/37 Hons DS
Life Sciences	Bachelor of Conservation Biology (Honours) / Hons DS		74	4yrs Hons and Hons DS	85/95 Hons DS	31/37 Hons DS
	Bachelor of Marine Science / H / Hons DS		74	3yrs/4yrs Hons and Hons DS	85/85 Hons/95 Hons DS	31/37 Hons/37 Hons DS
	Bachelor of Science	Biological Sciences / Hons DS	75	3yrs/4yrs Hons DS	75/95 Hons DS	27/37 Hons DS
		Conservation Biology	75	3yrs	75	27
Molecular Science	Bachelor of Medical Biotechnology (Honours) / Hons DS		75	4yrs Hons and Hons DS	85/95 Hons DS	31/37 Hons DS
	Bachelor of Medicinal Chemistry (Honours) / Hons DS		75	4yrs Hons and Hons DS	85/95 Hons DS	31/37 Hons DS
	Bachelor of Science	Chemistry / Hons DS	75	3yrs/4yrs Hons DS	75/95 Hons DS	27/37 Hons DS
		Medical Biotechnology	75	3yrs	75	27
Related Studies	Bachelor of Medical and Radiation Physics / Adv		63	3yrs/4yrs Adv	80/95 Adv	29/37 Adv
	Bachelor of Science	Nuclear Science & Technology	63	3yrs	78	28
		Physics / Adv	63	3 yrs/4 yrs Adv	78/95 Adv	28/37 Adv
		Human Geography / Hon DS	39	3yrs/4yrs Hons DS	75/90 Hons DS	27/33 DS
		Land & Heritage Management / Hon DS	39	3yrs/4yrs Hons DS	75/90 Hons DS	27/33 DS
	Bachelor of Pre-Medicine, Science and Health		44	3yrs	95	37
	Bachelor of Science Education / DS		30	4yrs	73/90 DS	26/33 DS
	Bachelor of Geography		39	3yrs	75	27
Social Sciences	Bachelor of Social Science	Criminology / DS	79	3yrs	70/90 DS	25/33 DS
		Community, Culture & Environment / DS ♀	79	3yrs	70/90 DS	25/33 DS
		Education For Change / DS	79	3yrs	70/90 DS	25/33 DS
		Health Promotion / DS ♀	79	3yrs	70/90 DS	25/33 DS
		Indigenous Studies / DS ♀	79	3yrs	70/90 DS	25/33 DS
		Public Health / DS ♀	80	3yrs	70/90 DS	25/33 DS
		Social Marketing / DS	80	3yrs	70/90 DS	25/33 DS
		Social Policy / DS ♀	80	3yrs	70/90 DS	25/33 DS
		Sociology / DS ♀	80	3yrs	70/90 DS	25/33 DS
Related studies	Bachelor of Social Science	Psychology	66	3yrs	77	27
	Bachelor of Geography		39	3yrs	75	27
Social Work	Bachelor of Social Work ♀		83	4yrs	80	29

# Double degrees and majors

A double degree or double major lets you pursue more than one area of study, and will make you more competitive in a crowded job market. UOW graduates are already highly regarded<sup>1</sup> for their general skills and adaptability—having a dual qualification will ensure your knowledge is relevant to many different employers.

## DOUBLE DEGREES

DOUBLE BACHELOR DEGREES OFFERED	Arts	Arts (Psychology)	Commerce	Communication & Media Studies	Computer Science	Creative Arts	Economics & Finance	Engineering (Honours) (All majors)	Engineering (Honours) (Mechatronics)	Exercise Science	Information Technology	International Studies	Journalism	Laws	Mathematics	Psychological Science	Psychology (Honours)	Science	Science (Physics)
Arts			•	•		•	•	•					•	•	•				•
Arts (Psychology)			•																
Commerce	•	•		•		•	•	•				•	•	•		•	•	•	•
Communication & Media Studies	•		•			•	•					•	•	•					•
Computer Science					•		•						•	•	•				•
Creative Arts	•		•	•	•		•						•	•	•				•
Economics & Finance	•			•								•	•						
Engineering (Honours) (all majors)	•		•				•							•	•	•	•	•	•
Engineering (Honours) (Mechatronics)												•							
Exercise Science																			
Information Technology																			
International Studies	•		•	•		•	•	•					•	•	•				
Journalism	•		•	•		•	•	•					•	•	•				•
Laws	•	•	•	•		•	•	•					•	•	•	•	•	•	•
Mathematics					•										•	•			•
Psychological Science				•											•				
Psychology (Honours)				•															
Science	•		•	•		•	•	•						•	•				
Science (Physics)	•							•											

For details on degree programs, go to [coursefinder.uow.edu.au](http://coursefinder.uow.edu.au)

## DOUBLE MAJORS

There are many double major combinations available for UOW Bachelor degrees. A double major lets you explore different interests, or customise your study to suit a particular career specialisation. In some cases you will still complete your degree within the normal duration.

Combinations can include:

- Public Relations and Marketing
- Cultural Studies and Politics
- Social Work and Psychology
- Finance and Accountancy
- Creative Writing and English
- Mining and Environmental Engineering
- e-Business and Network Design and Management
- Software Engineering and Enterprise Systems Development

# Course information

Each UOW degree has been designed to reflect the needs of future employers, paving the way for a fulfilling career. The following pages list the essential information on what you will learn, and where it will take you.

# Arts and Humanities

We will empower you to think for  
yourself and question your answers.  
Critical thinking skills are highly valued  
and equip you to work in diverse fields.



## WHY STUDY ARTS AND HUMANITIES

We all know how quickly the world changes. Employers look for graduates who are flexible and analytical, with adaptable skills that can be applied in a multitude of ways. They want people who can think critically and creatively, who can reason and who have informed opinions. This is the foundation of arts and humanities at UOW: looking at humanity and asking why and what's next.

## WHY STUDY ARTS AND HUMANITIES AT UOW

- Our flexible degrees let you personalise your degree as you progress and develop skills in areas you're passionate about. We offer majors and minors in the traditional areas of the Humanities as well as the Creative Arts.
- You will learn critical thinking and analysis skills applied to real world issues to inform thinking and practice—valuable skills you can apply to any career or field.
- We encourage you to have a worldly outlook with international study opportunities and in-country language programs.
- You'll learn from academics who are passionate about what they do, actively engaged in their industry and enthusiastic about sharing what they know.
- Our Language Centre provides a world-class learning experience, using the latest learning techniques with teaching grounded in the relevant society and culture.

## THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as the best university in Australia for Humanities, Culture & Social Sciences.

## CAREERS

UOW Humanities graduates have the skills that employers want: critical and creative thinking, reasoning, the art of debate and well-formed opinions. Having such in-demand skills means you can take them to any career, anywhere in the world.

<ul style="list-style-type: none"> <li>- Art Historian</li> <li>- Heritage Specialist</li> <li>- Government Policy</li> <li>- Business Administration</li> <li>- Consultancy</li> <li>- Publishing</li> <li>- Marketing</li> <li>- Diplomacy</li> <li>- Archiving and Librarianship</li> </ul>	<ul style="list-style-type: none"> <li>- Translation</li> <li>- Interpreting</li> <li>- Journalism</li> <li>- Advertising</li> <li>- Politics</li> <li>- Arts Production and Management</li> <li>- Tourism and Hospitality</li> <li>- Writer</li> </ul>
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“

*The first lecture in the subject Globalisation of World Politics sparked my interest in politics. Along with a trip to Geneva, this was enough to make me change to a Bachelor of Arts, where I could combine politics and economics and the freedom to question the status quo.”*



**Alexandra McDermott**

Bachelor of Arts (Politics, Economics)  
Government Engagement Coordinator – Indigenous Affairs Group – Department of the Prime Minister and Cabinet

## Bachelor of Arts

A

ATAR	CAMPUS <sup>^</sup>	UAC
70/93 DS	Wollongong	753101/753105 DS
70	Batemans Bay	753106
70	Bega	753107
70	Shoalhaven	753102
70	Southern Highlands	753108
IB	DURATION	STARTS IN
25/35 DS	3yrs	Autumn (February). Spring (July)

**DS** Dean's Scholar available [go.uow.edu.au/barts-ds](http://go.uow.edu.au/barts-ds)

B

Studying arts and humanities at UOW allows you to tailor a degree specifically to your interests. Our flexible options let you choose the direction your program takes, such as specialising in a political, historical, international or creative discipline. The degree is made up of subjects with origins in the humanities: history, literature, languages and philosophy—and the disciplines of social sciences: cultural studies, sociology and politics. The degree allows you to take either a single major plus a minor and electives, or a double major. You must elect one major and a minor or a second major from the Faculty of Law, Humanities and the Arts. Some majors are offered at regional campuses.

C

<sup>^</sup>Completion of full majors at these campuses is subject to availability at the time of enrolment.

D

## Majors

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### COMMUNITY, CULTURE & ENVIRONMENT

[go.uow.edu.au/barts-cce](http://go.uow.edu.au/barts-cce)

ATAR	CAMPUS <sup>^</sup>	UAC
70	Batemans Bay	753106
70	Bega	753107
70	Shoalhaven	753102
70	Southern Highlands	753108

A UOW degree in Community, Culture and Environment has been designed to address issues that affect our community and our environment, and the skills needed to understand, analyse and interpret these issues. Core subjects are diverse and will teach you communication and media skills, about indigenous peoples and the environment, post-federation Australian literature, children and young adult fictional literature, environmental contexts and current issues, and problems and change in the human environment.

<sup>^</sup>Completion of full majors at these campuses is subject to availability at the time of enrolment.

F

### CREATIVE WRITING DS

[go.uow.edu.au/barts-cwrit](http://go.uow.edu.au/barts-cwrit)

Creative writing lets you express ideas and thoughts in an imaginative way. It allows you to show feelings and emotions through writing; you're not just relaying facts or conveying information. Creative writers write to entertain or educate someone, to spread awareness about something or someone, or simply write as a way of sharing a human experience, like love or loss. A UOW degree in creative writing will focus on three key areas of creative writing practice: poetic, dramatic and narrative. You will be able to produce new work in poetry, drama and short stories and reflect on these practices in relation to the history and politics of writing.

G

### CULTURAL STUDIES DS

[go.uow.edu.au/barts-cultstud](http://go.uow.edu.au/barts-cultstud)

Cultural studies is an innovative field of inquiry that explores the production of culture, with a particular concern for the operations of power in everyday practice. Core subjects will teach you about contesting cultures, culture and the creative economy, the culture of everyday life and ordinary lives in a diverse world. Themes and topics include everyday life, global media and cultures, race, sexuality, identities, and the body and emotion. This major is currently under review. Cultural Studies will continue to be offered as a minor.

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### ENGLISH LITERATURES DS

[go.uow.edu.au/barts-elit](http://go.uow.edu.au/barts-elit)

ATAR	CAMPUS <sup>^</sup>	UAC
70/93 DS	Wollongong	753101/753105 DS
70	Batemans Bay	753106
70	Bega	753107
70	Shoalhaven	753102
70	Southern Highlands	753108

Studying English literatures will get you thinking creatively about the English language. It will get you analysing theories, critiquing prose and verse, and taking a more critical look at the signs and words surrounding us every day. It provides a platform for you to develop skills that future employers are looking for: analytical thinking, exceptional written and oral communication skills, and the capacity to appreciate differences in cultural perspectives.

<sup>^</sup>Completion of full majors at these campuses is subject to availability at the time of enrolment.

### FRENCH DS

[go.uow.edu.au/barts-fren](http://go.uow.edu.au/barts-fren)

French is a world language. Alongside English, it is the only language spoken on the five continents. At UOW, you will study French language, grammar, culture and history. You can begin your study of the French language from beginner or intermediate level and become proficient in all four skills of speaking, listening, reading and writing. Core subjects will teach you to speak French in social situations as well as learning French history, culture and society.

### HISTORY DS

[go.uow.edu.au/barts-hist](http://go.uow.edu.au/barts-hist)

ATAR	CAMPUS <sup>^</sup>	UAC
70/93 DS	Wollongong	753101/753105 DS
70	Batemans Bay	753106
70	Bega	753107
70	Shoalhaven	753102
70	Southern Highlands	753108

Historians study the everyday lives of people who lived in the past by looking at objects and documents that people left behind, which have survived throughout the years. Core subjects will teach you broad histories of specific Australian, Asian and European societies. In your second and third years you will be able to specialise and study topics in greater depth, including specific historical examinations of empires, the political and social impacts of wars, and the development of the State.

<sup>^</sup>Completion of full majors at these campuses is subject to availability at the time of enrolment.

### INDIGENOUS STUDIES DS

[go.uow.edu.au/barts-indstud](http://go.uow.edu.au/barts-indstud)

ATAR	CAMPUS <sup>^</sup>	UAC
70/93 DS	Wollongong	753101/753105 DS
70	Batemans Bay	753106
70	Bega	753107
70	Shoalhaven	753102
70	Southern Highlands	753108

Indigenous studies at UOW is designed to equip you to think incisively about issues that impact on Indigenous individuals and communities on a local, national and global scale. This includes a focus on cultural, political, economic and social factors that have shaped, and continue to shape, the lives of Aboriginal and Torres Strait Islander peoples. This is developed through the study of international Indigenous experiences and engagement with a range of Indigenous perspectives and organisations on a global scale.

<sup>^</sup>Completion of full majors at these campuses is subject to availability at the time of enrolment.

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**INTERNATIONAL RELATIONS DS****go.uow.edu.au/barts-intrel**

International relations is a vibrant, growing and constantly evolving discipline designed for students interested in careers in foreign affairs and international organisation, or any organisation that has a focus beyond Australia's borders. Core subjects include how global politics works, how security is envisioned and conflict managed, and the role of the state in the new millennium. Students will partake in a model United Nations (UN), discussing ideas and brainstorming solutions to global challenges as model diplomats, learning not just about the UN, but about negotiation skills and policy development.

**ITALIAN DS****go.uow.edu.au/barts-ital**

Learning Italian will give you access to one of the richest European cultural traditions and to the language of opera, film and music, as well as the language of architecture, fashion and industrial design. At UOW, you will study Italian language, grammar, culture and history. You can begin your study of the Italian language from beginner or intermediate level and become proficient in all four skills of speaking, listening, reading and writing. Core subjects focus on developing written and spoken language skills that can be used in real-life situations, as well as subjects on Italian history, culture and society.

**JAPANESE DS****go.uow.edu.au/barts-jap**

The study of Japanese opens up a whole new world of linguistic and cultural experience that offers employment and research opportunities. Programs can be tailored specifically to prepare you with the skills to work both professionally and competently in a language other than English. You'll also have the opportunity to experience Japanese studies firsthand through a period of study abroad in Japan. Core subjects focus on developing spoken and written language skills that can be used in real-life situations, as well as subjects on Japanese history, culture and society.

**MANDARIN FOR CHARACTER BACKGROUND STUDENTS DS****go.uow.edu.au/barts-char**

This degree is for students who already know Chinese characters, but who either speak a Chinese dialect such as Shanghainese, Cantonese or Taiwanese and do not speak Mandarin, or wish to improve their Mandarin skills. You will study Mandarin language, grammar, culture and history; learn Mandarin from the comparative linguistic perspective; and be able to express yourself clearly and accurately in spoken and written Mandarin. UOW's Language Centre uses the latest technologies in language teaching, and authentic and current linguistic and cultural information.

**MANDARIN FOR NON-CHINESE BACKGROUND STUDENTS DS****go.uow.edu.au/barts-nonchar**

This major is for students who have no prior knowledge of the language or of Chinese characters. Core subjects will teach you to speak Mandarin for social situations before moving on to speaking advanced Mandarin, and learning about Chinese heritage, modern Chinese history and contemporary China. Programs can be tailored specifically to prepare you with the skills to work both professionally and competently in a language other than English. The Chinese program at UOW offers you the experience of in-country studies as a component of your degree.

**PHILOSOPHY DS****go.uow.edu.au/barts-phil**

A UOW degree in philosophy looks at the central concepts and arguments concerning contemporary problems in mind, ethics, politics, and science. By evaluating evidence and alternative viewpoints, you will learn to articulate the relationship between philosophical and practical problems and make informed decisions. Core subjects will teach you about values, mind and self; about ethics; about knowledge, explanation and understanding; and about great thinkers.

**PHOTOGRAPHY DS****go.uow.edu.au/barts-phot**

Photography is a form of art and expression. It is a graphic communication that can be internationally understood. It can be used to show facts, inform, educate, entertain, reform, or share some experience with other people. Photography will take you through visual experiences and critical thinking. You will undertake a range of studies using analog and digital technologies in diverse studio subjects, including digital

photography and Photoshop, darkroom processes and printing, studio lighting (portraiture and still life), fieldwork site and context, photo-assemblage and series, and photography in the expanded field of new technologies (including audio and the moving image).

**POLITICS DS****go.uow.edu.au/barts-pol**

Politics can and does occur at many levels, from international relations to the nation state; from local communities to the individual.

Studying politics at UOW involves examining the origins and nature of consent, authority, and consensus, which underpin social order.

You will study subjects in international relations, Australian politics, political theory, comparative politics, the politics of developing countries, public policy, culture and media.

**SCIENCE AND TECHNOLOGY STUDIES DS****go.uow.edu.au/barts-sts**

Science and technology studies is a field that draws on the full range of disciplines in the social sciences and humanities to examine the ways that science and technology shape, and are shaped by, our society, politics, and culture. Science and technology studies explores current controversies, historical transformations, policy dilemmas, and broad philosophical questions. At UOW, Science and technology studies addresses complex real world problems such as global warming, or how to regulate scientific research. It combines sociological and historical perspectives on science, technology, medicine, and develops the skills to analyse and advise on technological and environmental policy. This major is currently under review. Science and Technology Studies will continue to be offered as a minor.

**SOCIOLOGY DS****go.uow.edu.au/barts-soc**

ATAR	CAMPUS <sup>1</sup>	UAC
70/93 DS	Wollongong	753101/753105 DS
70	Batemans Bay	753106
70	Bega	753107
70	Shoalhaven	753102
70	Southern Highlands	753108

Sociology is the study of society: it examines social life, cultural and social change, and the social causes and consequences of human behaviour.

Specific areas of study include social theory and social research methods, social policy and the state, gender, sexuality and the body, crime and punishment, race and ethnicity, social class, families and intimacy, social interaction, social movements, globalisation, development and social change, and media and popular culture. Sociology will give you an understanding of cultural diversity and an awareness of injustices and inequality.

<sup>1</sup>Completion of full majors at these campuses is subject to availability at the time of enrolment.

**SPANISH DS****go.uow.edu.au/barts-span**

Spanish is one of the worlds most widely spoken languages. At UOW, you will study Spanish language, grammar, culture and history. You will learn to converse, read and translate Spanish in all real contexts, including the contemporary Spanish work environment. Core subjects focus on developing spoken and written language skills that can be used in real-life situations, as well as subjects on Hispanic history, culture and society.

**WRITING & ENGLISH LITERATURES DS****go.uow.edu.au/barts-writenglit**

**A** Writing & English Literatures allows you to combine your love of writing with the analytics of literature.

**B** This major focuses on the study of literature from various periods and literary practice, and the practical application of this study through creative writing.

**C** Core subjects will introduce you to creative writing: the romantics, the modernists, Shakespeare and early modern drama. Writing & English Literatures pairs well with cultural studies, languages, Indigenous studies or philosophy.

## **G** Bachelor of Politics, Philosophy and Economics

**H** **go.uow.edu.au/bppe**

ATAR	CAMPUS	UAC
<b>I</b> 80/93 DS	Wollongong	<b>753115/753116 DS</b>
IB	DURATION	STARTS IN
<b>L</b> 29/35 DS	3yrs	Autumn (February), Spring (July)

**DS** Dean's Scholar available **go.uow.edu.au/bppe-ds**

**M** Combining politics, philosophy and economics gives you an essential approach to understanding our communities and the international world around us.

**P** This degree will teach you to interpret and apply complex economic ideas and data, and understand the basis behind political organisations and policy-making processes. You will gain an understanding of popular national and international movements, systems of government and ethical forms of behaviour. You will learn the political, ethical and economic perspectives needed to make a difference in our contemporary society.

## Diploma in Languages

ATAR	CAMPUS	
75	Wollongong	
IB	DURATION	STARTS IN
27	4yrs part-time (2 subjects per year) or concurrent studies with a UOW degree	Autumn (February)

If you'd like to learn a language, you can study the Diploma in Languages concurrently with any UOW degree. You can choose from Chinese (Mandarin), French, Italian, Japanese or Spanish. Languages can be studied from beginners to advanced level. On completion of the program, you will be competent in speaking, writing, listening and reading in a range of situations. Learning a second language will develop and improve your communication skills and give you a greater understanding of a different country and its culture. It will also make you more employable and will prepare you to work in a multicultural and globalised economy.

UOW's Language Centre provides a world-class learning experience, using the latest technologies for language teaching and incorporating authentic and current linguistic and cultural information. You can also include a period of study abroad as part of your language studies at one of UOW's many exchange partners.

**A****B****C****E****G****H****I****L****M****P****S****14**

## Related studies

### Bachelor of International Studies

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**SEE PAGE 51**

# Business

With Business, your options are endless. Learn sought-after skills that can be applied to your chosen career anywhere in the world.

## HOW BUSINESS IS TAUGHT AT UOW

Business students experience a modern curriculum that doesn't merely teach business theory, but applies it to everyday business contexts. Our degrees give you the benefit of exploring a range of business disciplines, such as Accounting, Finance, Management, Marketing, International Business and Public Relations.

Students have the opportunity to participate in our Business Internship program that will connect them with industry leaders such as the Commonwealth Bank, Cancer Council, World Vision Australia and Gazal.

## WHY STUDY BUSINESS AT UOW

- Throughout their degree, business students have the opportunity to gain practical, real-world experience and make professional connections that will help launch their career, including the opportunity to participate in our Business Internship program.
- Graduates earn up to 50 per cent more than a typical Year 12 graduate in the same role.\*
- Our degrees give you the benefit of exploring a range of core business subjects in your first year, with the option of tailoring your degree to suit your interests in the 2nd and 3rd years.
- You'll be more than a number, and be taught by accomplished, passionate educators and staff who are dedicated to providing you with the support you need to finish your degree.
- Our Business degrees are recognised by professional associations in Australia as well as overseas. See course descriptions for more detail.

\* Braithwaite, B., West, G., Harvie, C., Hartgerink, N. (2013). *Leading Locally, Competing Globally: Measuring the University of Wollongong's Contribution to Economic and Social Prosperity*. Centre for Small Business and Regional Research, Faculty of Business, University of Wollongong, Wollongong. ISBN: 978-1-74128-231-3 (book) ISBN: 978-1-74128-232-0 (ebook).

## THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as the best university in Australia for Business & Management

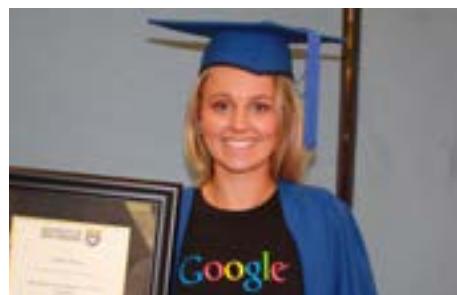
## CAREERS

The flexibility of a UOW Business degree has graduates finding rewarding careers in a wide range of industries. Below is just a sample of the careers you can pursue.

- Auditor
- Banker
- Analyst
- Financial Controller
- Accountant
- Policy Advisor
- Business Adviser
- Ohs Officer
- HR Manager Consultant
- Stock Broker
- Insurance Broker
- Fund Manager
- Exporter/Importer
- Public Relations Coordinator
- Market Researcher
- Advertising Executive
- Brand/Product Manager
- Event Manager

“

*I never thought I would have Google Sales Engineer in my title. The Bachelor of Commerce prepares you for this. You are taught to be agile, to think quickly, to work in teams and to be an innovative thinker. UOW is a globally recognised organisation, but still feels like a family community. This is exactly like Google on the inside. If anything, I believe it's important to take these qualities of authenticity into your working career.”*



**Natalie Piucco**

Bachelor of Commerce (Dean's Scholar)  
Marketing and Public Relations  
Apps Sales Engineer, Google for Work

## Bachelor of Business

### [go.uow.edu.au/bbus](http://go.uow.edu.au/bbus)

ATAR	CAMPUS^	UAC
70	Wollongong	753660
70	Batemans Bay	753662
70	Bega	753663
70	Shoalhaven	753661
70	Southern Highlands	753664
70	Southern Sydney	753665
IB	DURATION	STARTS IN
25	3yrs	Autumn (February). Spring (July)

The Bachelor of Business provides you with the knowledge and experience to move into many types of business careers such as international business, finance, public relations, management and marketing. You will develop a comprehensive knowledge of business and organisations, and the skills to analyse business issues in local, national and international contexts. You will also undertake a final-year capstone subject that lets you apply everything you've learned up to that point in collaboration with students from other disciplines. Plus, you have the option of applying for an internship that provides work-integrated learning.

<sup>^</sup>Completion of full degree at regional campuses is subject to availability at the time of enrolment.

## Bachelor of Commerce

ATAR	CAMPUS^	UAC
75/93 DS	Wollongong	753602/753610 DS
72	Batemans Bay	753604/753612 DS
72	Bega	753605/753613 DS
72	Shoalhaven	753603/753611 DS
72	Southern Highlands	753606/753614 DS
75	Southern Sydney	753607/753615 DS
IB	DURATION	STARTS IN
Wollongong/ Southern Sydney	3yrs	Autumn (February). Spring (July)
27/35 DS		

Other Campuses

### 26/35 DS

**DS** Dean's Scholar available [go.uow.edu.au/bcomm-ds](http://go.uow.edu.au/bcomm-ds)

The Bachelor of Commerce offers a foundation year that covers all core disciplines of business, giving students a solid understanding of issues facing business today. The degree is designed for students who would like to major in one or more of the principal areas of commerce. You will receive relevant industry driven content and a firm foundation in the principles of ethical commerce, preparing you to succeed in your chosen career, and for the next generation of leadership roles.

In every major, you will undertake a final-year capstone subject that lets you apply everything you've learned up to that point in collaboration with students from other disciplines. Plus, you have the option of applying for an internship that provides work-integrated learning.

<sup>^</sup>Completion of full majors at regional campuses is subject to availability at the time of enrolment.

## Majors

### ACCOUNTANCY DS

[go.uow.edu.au/bcomm-accy](http://go.uow.edu.au/bcomm-accy)

PROFESSIONAL RECOGNITION

Graduates are eligible for membership of CPA Australia, Chartered Accountants ANZ, the Institute of Public Accountants (IPA), and the Association of Chartered Certified Accountants (ACCA).

For more information visit [business.uow.edu.au/accreditation](http://business.uow.edu.au/accreditation)

Accountancy is about providing reliable, timely and accurate information for decision makers, especially for economic decisions. Topics include financial reporting, auditing, management accounting and information systems in accounting. You will learn about financial accounting in its organisational, social and political contexts as well as study relevant law subjects (including taxation law and law of business organisations) to be eligible for associate membership of professional accounting bodies.

### BUSINESS LAW DS

[go.uow.edu.au/bcomm-buslaw](http://go.uow.edu.au/bcomm-buslaw)

Understanding the context, application and the impact of law on the structures and transaction of business is crucial to business innovation. Business law encompasses many overlapping fields, ranging from specific regulatory frameworks to corporate governance. Fields you can focus on include international business law, banking and taxation law, employment and anti-discrimination law, work health and safety law, and media law.

### ECONOMICS DS

[go.uow.edu.au/bcomm-econ](http://go.uow.edu.au/bcomm-econ)

Economists are interested in the behaviour of consumers and business firms, the labour market, health care, the environment, technology and innovation, economic growth and development, monetary and fiscal policy, international trade and finance, and the global economy.

You will study both macroeconomic and microeconomic theory with an emphasis on policy and its effect on working economies. You will look at what determines supply and demand for various goods and services and how prices are determined, consumption and investment patterns, international influences on the economy, the role of government within the economy and money and interest rates.

### FINANCE DS

[go.uow.edu.au/bcomm-fin](http://go.uow.edu.au/bcomm-fin)

PROFESSIONAL RECOGNITION

Graduates are eligible to apply for membership of the Financial Services Institute of Australasia (FINSIA).

For more information visit [business.uow.edu.au/accreditation](http://business.uow.edu.au/accreditation)

Finance is about money and investments. People on their own and in partnerships, companies and other entities (including state and federal governments), have a common objective of profitable investment. You will learn the theoretical knowledge and tools demanded by employers in all sections of the world economy: investment, financial markets, financial modelling and portfolio analysis. You will explore corporate finance, including financial strategies, security analysis and portfolio management.

### FINANCIAL PLANNING DS

[go.uow.edu.au/bcomm-finplan](http://go.uow.edu.au/bcomm-finplan)

PROFESSIONAL RECOGNITION

The Bachelor of Commerce (Financial Planning) meets ASIC training requirements for RG146 Tier 1 compliance in the following areas: Financial Planning, Securities, Derivatives, Managed Investments, Superannuation, Self-Managed Superannuation Funds, Foreign Exchange, Margin Lending Facility, General Insurance, Life Insurance, Insurance Broking, Deposit Products and Non-Cash Payments, Generic Knowledge and Skills.

For more information visit [business.uow.edu.au/accreditation](http://business.uow.edu.au/accreditation)

Financial planners must have an understanding not only of finance but of accounting, management and marketing. Financial planning is the design of specific financial outcomes that meet a client's unique needs and objectives, given their financial resources and risk profile. You will investigate securities and the market they operate in as well as theories of the market and the equilibrium prices of securities. You will learn how to assess investments, and the method for identifying the best financial product for a client, with particular attention to their risk profile.

### HUMAN RESOURCE MANAGEMENT DS

[go.uow.edu.au/bcomm-hrm](http://go.uow.edu.au/bcomm-hrm)

PROFESSIONAL RECOGNITION

The HRM major is accredited by the Australian Human Resources Institute. For more information, visit [business.uow.edu.au/accreditation](http://business.uow.edu.au/accreditation)

People are an organisation's most valuable resource. Human resource management (HRM) is concerned with finding the right people for an organisation and having employed them, nurturing them so that they want to stay and perform to the best of their abilities. Specific focus is placed on the acquisition and development of employees, positively influencing their employment performance while monitoring and managing the processes of staff selection, retention and turnover.

HRM examines specific people management practices such as recruitment and selection, organisational behaviour, employee relations, management of change, learning and development, and workplace health and safety management.

**INTERNATIONAL BUSINESS DS**[go.uow.edu.au/bcomm-intbus](http://go.uow.edu.au/bcomm-intbus)

International business is about understanding business in other cultures and regions, and learning how to think globally about the business world. You will learn how to manage across cultural boundaries in an international business context, having gained knowledge of international human resource management and trade environments. You'll improve your understanding of leadership, strategy, cultural diversity, communications and decision making as they relate to contemporary international business issues.

**MANAGEMENT DS**[go.uow.edu.au/bcomm-mgmt](http://go.uow.edu.au/bcomm-mgmt)

Management is the art and science of planning, coordinating and leading group efforts. It is the mobilising of human and material resources to achieve organisational goals. You will learn how to strategically manage both physical and intangible assets for organisational success and employee wellbeing. You will do this by gaining a sound understanding of the framework of organisational structures, including the local and international environments in which they operate.

**MARKETING DS**[go.uow.edu.au/bcomm-mktg](http://go.uow.edu.au/bcomm-mktg)

Marketing is the activities, institutions and processes for creating, communicating and delivering products and services. This includes facilitating relationships to deliver value for consumers, clients and society. It's about everything from establishing who the customer is to developing a competitive advantage by effectively positioning products/services in the market. You will study how consumers behave, how organisations find out about their markets and the customers in those markets, how to create effective marketing communications campaigns, and how organisations manage marketing successfully.

**PUBLIC RELATIONS DS**[go.uow.edu.au/bcomm-pubrel](http://go.uow.edu.au/bcomm-pubrel)

Public relations (PR) is about managing information between private and public spaces—between organisations and stakeholders, individuals and the public, or a combination of these. The key is effective communication and the way this information is planned and executed. You will learn how to communicate effectively with internal and external stakeholders using a range of media. Learn how to evaluate the cultural and organisational contexts, key trends and ethical issues influencing contemporary PR, and to critically evaluate the role of PR in society and organisations.

**SUPPLY CHAIN MANAGEMENT DS**[go.uow.edu.au/bcomm-scmgmt](http://go.uow.edu.au/bcomm-scmgmt)**PROFESSIONAL RECOGNITION**

Bachelor of Commerce (Supply Chain Management) graduates are eligible for membership of the Logistics Association of Australia (LAA); the Supply Chain & Logistics Association of Australia (SCLAA); and the Logistics & Supply Chain Management Society (LSCMS) – Singapore.

For more information, visit [business.uow.edu.au/accreditation](http://business.uow.edu.au/accreditation)

Supply chain management is concerned with the entire life cycle of a product or service, from before it is made, to how it is disposed of, and how it moves between each stage. As well as goods and services, supply chain managers analyse and manage information from the suppliers, through intermediaries, to the customer.

You will learn the principles and tools associated with operations management and continuous quality improvement. You will also gain an understanding of total supply chain management and have the opportunity to specialise in a number of areas, such as logistics, operations, systems thinking, continuous quality improvement and supply chain strategies.

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**Bachelor of Economics and Finance**[go.uow.edu.au/beconfin](http://go.uow.edu.au/beconfin)

ATAR	CAMPUS*	UAC
80	Wollongong	753670
80	Batemans Bay	753672
80	Bega	753673
80	Shoalhaven	753671
80	Southern Highlands	753674
80	Southern Sydney	753675
IB	DURATION	STARTS IN
29	3yrs	Autumn (February), Spring (July)

**PROFESSIONAL RECOGNITION**

Graduates are eligible to apply for membership of the Financial Services Institute of Australasia (FINSIA). For more information, visit [business.uow.edu.au/accreditation](http://business.uow.edu.au/accreditation)

Economics is concerned with the big picture—how a country, region or particular market is operating; while finance takes a more microscopic look at industry risk and return on investment. The two disciplines complement each other giving you a more complete picture of the business world—and open many doors to sought-after careers.

This degree is for high achievers and as a graduate of the degree you will be able to identify and apply the tools of analysis to a wide range of economic issues, including the behaviour of consumers and firms, the labour market, the environment, fiscal and monetary policy, and international trade.

Your final year culminates with an exciting applied research project capstone subject. This is an experiential learning opportunity that offers a workplace-based project, or more traditional research-based project.

\*The first year of this degree can be completed at a UOW regional campuses.

**Combined vocational programs**

Students graduate from the below degrees with a Bachelor of Commerce identifying a major area of study: Human Resource Management, Management, Marketing or Public Relations AND a TAFE Advanced Diploma, identifying a major area of study: Events, Hospitality or Travel and Tourism. Please note that not all majors are available at Southern Sydney campus. You are advised to check major availabilities prior to your enrolment.

**Bachelor of Commerce - TAFE Advanced Diploma of Events**[go.uow.edu.au/bcomm-emgmt](http://go.uow.edu.au/bcomm-emgmt)

ATAR	CAMPUS	UAC
72	Wollongong	753640
72	Southern Sydney ^	753641
IB	DURATION	STARTS IN
26	3yrs	Autumn (February), Spring (July)

Event management is the special branch of management that focuses on using managerial and logistical techniques to organise and run events. It is a dynamic industry that requires forward planning to execute a seamless event.

The degree will give you the practical, vocational workplace skills as well as theoretical knowledge necessary to operate in a business context. This qualification provides a pathway to work in events in a range of industries including tourism and travel, hospitality, sport, cultural and community sectors.

The first year and a half of the degree is a combination of TAFE and University study while the last part of the degree is University only.

You will also undertake a final-year capstone subject that lets you apply everything you've learned up to that point in collaboration with students from other disciplines. Plus, you have the option of applying for an internship that provides work-integrated learning.

<sup>\*</sup>Completion of full majors at Southern Sydney campus is subject to availability at the time of enrolment.

## Bachelor of Commerce - TAFE Advanced Diploma of Hospitality

[go.uow.edu.au/bcomm-hmgmt](http://go.uow.edu.au/bcomm-hmgmt)

ATAR	CAMPUS	UAC
72	Wollongong	753630
IB	DURATION	STARTS IN
26	3yrs	Autumn (February). Spring (July)

The hospitality industry—from entertainment and recreation to accommodation and food service—forms a key part of the economy of many nations, including Australia. It is a highly diverse industry that requires flexible, responsive managers to successfully guide businesses.

Work will be undertaken in various hospitality and tourism settings such as restaurants, hotels, catering operations, clubs, nightclubs and cafés.

The first year and a half of the degree is a combination of TAFE and University study while the last part of the degree is University only.

You will also undertake a final-year capstone subject that lets you apply everything you've learned up to that point in collaboration with students from other disciplines. Plus, you have the option of applying for an internship that provides work-integrated learning.

## Bachelor of Commerce - TAFE Advanced Diploma of Travel and Tourism

[go.uow.edu.au/bcomm-tmgmt](http://go.uow.edu.au/bcomm-tmgmt)

ATAR	CAMPUS	UAC
72	Wollongong	753650
IB	DURATION	STARTS IN
26	3yrs	Autumn (February). Spring (July)

Travel and tourism are worldwide industries that continue to play an important part in both wealthy nations and developing economies. In many ways, they are businesses of adventure, but are also building global communities and creating wealth at every level.

The degree offers practical, vocational workplace skills and knowledge of the tourism industry together with the broader conceptual base necessary for senior level management.

The first year and a half of the degree is a combination of TAFE and University study while the last part of the degree is University only.

You will also undertake a final-year capstone subject that lets you apply everything you've learned up to that point in collaboration with students from other disciplines. Plus, you have the option of applying for an internship that provides work-integrated learning.

## Related studies

### Bachelor of Business Information Systems

[SEE PAGE 47](#)

### Bachelor of Mathematics and Finance (Honours)

[SEE PAGE 59](#)

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# Communications and Media

In this increasingly connected and digital world,  
communicators with broad skills are in real demand.

## HOW COMMUNICATIONS AND MEDIA IS TAUGHT AT UOW

We will provide you with the opportunities to develop a broad array of skills that are tailored to meet the demands of the communications and media industries. You will learn to research and communicate with different audiences for different purposes and produce and present engaging, informative and timely stories. Creative, technical and conceptual skills are in demand by the communications and media industries as well as a range of other professions.

## WHY STUDY COMMUNICATIONS AND MEDIA AT UOW

- You'll work on real projects learning practical skills, such as how to research, create and present content to real clients.
- UOW has specialist equipment and teaching spaces for each discipline, including contemporary computer labs, recording rooms, radio studio and a Digital Media Centre at our Innovation Campus.
- You will choose from a range of collaborative and diverse study areas, including digital and global media, journalism, professional writing, marketing, communication and advertising.
- Our degrees are relevant, current and internationally focussed. We keep you in touch with the global communications landscape to ensure you can secure the career you want.

## ONE OF THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as second out of every university in NSW/ACT for Communications.

## CAREERS

Communications is critical to the success of Australia's creative industries sector—a \$32 billion dollar industry that is one of the fastest growing in the world. Communications offers a wide variety of roles and occupations in this profitable industry.

<ul style="list-style-type: none"><li>- Global Communications</li><li>- Digital Publishing</li><li>- Media Strategy and Planning</li><li>- Public Relations</li><li>- Copywriter</li><li>- Market Research</li><li>- Event Coordinator</li><li>- Publicity Officer</li><li>- Tourism Officer</li><li>- Print/Television/Radio/Photo/Online Journalist</li></ul>	<ul style="list-style-type: none"><li>- Government</li><li>- Editor</li><li>- Feature Writer</li><li>- Reporter</li><li>- Researcher</li><li>- Advertising</li><li>- Social Media Manager</li><li>- Media Management Advisor</li><li>- Communication Specialist</li><li>- Corporate Communications</li><li>- Content Development</li></ul>
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*“Practical experience is one of the big differences UOW offers students. My degree included hands-on experience in every form of media and I completed work placement at ABC Radio and at a local newspaper in Canberra. I learned how to develop contacts, write stories, conduct interviews and work in front of a camera—all the foundations of what I do today.*



**Matthew Snelson**

Bachelor of Communications and Media Studies (2006)  
Seven News Reporter

## A Bachelor of Communication & Media Studies

ATAR 70/93 DS	CAMPUS Wollongong	UAC 753110/753111 DS
IB	DURATION	STARTS IN
25/35 DS	3yrs	Autumn (February). Spring (July)

**DS** Dean's Scholar available [go.uow.edu.au/bcms-ds](http://go.uow.edu.au/bcms-ds)

Communication and media studies will prepare you to succeed in advertising, public relations and corporate branding. You will be able to research, plan, execute and manage marketing campaigns and acquire skills in issue management, product publicity, crisis communications, and media relations.

This degree has a strong focus on international media and encourages an understanding of how producers and consumers interact in a media saturated world. You will gain knowledge about how communication practices and the use of different technologies are integrated with our professional, social and political lives. You will also address relevant global, economic and political issues affecting the media and communications industries.

### Majors

#### DIGITAL MEDIA AND COMMUNICATION **DS**

[go.uow.edu.au/bcms-digmedcomm](http://go.uow.edu.au/bcms-digmedcomm)

Media and communication messages are distributed across many digital platforms, including television, radio, the internet, public relations, mobile technologies, movies, and music. Digital technologies underpin all sectors of the contemporary communications environment, and the internet revolution has brought to life a new ecology of networked digital media, radically changing the way we work, play, and communicate. Core subjects provide you with an understanding of the core cultural and technological dynamics of contemporary digital media. They offer a framework of practical competencies to operate successfully as a professional communicator in a global media market. Elective subjects allow you to develop digital media skills and an understanding in important and applied contexts, such as journalism, political communication and media arts.

#### GLOBAL MEDIA AND COMMUNICATION **DS**

[go.uow.edu.au/bcms-globmedcomm](http://go.uow.edu.au/bcms-globmedcomm)

Global media and communication explores the role of media such as film, television, games and the Internet in shaping local, national and global identities. With a strong focus on social justice, this major addresses the power of media communication to influence global debates on issues ranging from climate change to war, global inequalities and the movement of refugees. In this major, you will develop your skills in negotiating cultural difference and diversity, and will be able to produce and interpret media content within a diverse range of local, national and international contexts. The global media and communication major is complemented very well by language studies—choose from French, Italian, Japanese, Mandarin or Spanish.

#### JOURNALISM AND PROFESSIONAL WRITING **DS**

[go.uow.edu.au/bcms-jourprofwrit](http://go.uow.edu.au/bcms-jourprofwrit)

Journalists gather, assess, create and present news and information to a wide range of audiences and they also write, edit and publish a broad variety of written materials. Professional writing is a must-have skill in the journalism world as journalists write feature articles, investigate and report on a wide range of issues, and write for the media. Core subjects equip you with skills in a range of fields, including journalism and writing for organisations, both government and corporate. The Journalism and Professional Writing major is practical: you will source stories and write for a range of publications within the overall news ecology, including newspapers, magazines and websites.

## B MARKETING COMMUNICATION AND ADVERTISING **DS**

[go.uow.edu.au/bcms-mktcommadv](http://go.uow.edu.au/bcms-mktcommadv)

Marketing, communications and advertising are coordinated messages about a product or service delivered through one or more channels (television, radio, social media, public relations activities) to a range of audiences in order to influence how they think and feel. The marketing communications and advertising major will prepare you to succeed in advertising, public relations and corporate branding. You will be able to research, plan, execute and manage marketing campaigns and acquire skills in issue management, communications technology, product publicity, crisis communications, and media relations.

## C Bachelor of Journalism

[go.uow.edu.au/bjour](http://go.uow.edu.au/bjour)

ATAR 75	CAMPUS Wollongong	UAC 754700
IB	DURATION	STARTS IN
27	3yrs	Autumn (February)

The Bachelor of Journalism provides in-depth hands-on training in journalism, converging media (radio, TV, web, phone, tablet), digital communication and multimedia storytelling. It has a strong professional focus, with an emphasis on practical learning and studio-based studies in multimedia content production. You will learn to research, produce and present entertaining and timely stories through video, audio, print and digital technologies, including podcasting and webcasting, working both independently and collaboratively. You can be a part of the UOW TV multimedia student newsroom, participate in radio broadcasts, or record video for the YouTube channel. You will experience real deadlines and have the opportunity to engage with community and industry.

## D Related studies

### E Bachelor of Digital Media

**SEE PAGE 26**

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# Creative Arts

You will be an artist or creative professional, with the skills to think analytically, creatively and conceptually.



## WHY STUDY CREATIVE ARTS

The creative and cultural economy in Australia and globally is growing at almost double the rate of the broader economy. Be inspired to do your best at a university that understands what it means to be creative.

Studying Creative Arts equips you with knowledge of contemporary arts, art theory and history. This theoretical understanding of your craft will help you develop your skills and cultivate your own creative identity.

## WHY STUDY CREATIVE ARTS AT UOW

- UOW will give you the right balance of doing and thinking—spending lots of time in the studio creating and refining your technique, then exploring the theory, history and meaning of your chosen discipline in the classroom.
- You'll learn from professional artists, published authors, respected playwrights, performers, actors, musicians and designers: people who are successful creatives in their own right. They'll guide you as you push yourself creatively, help you improve your craft and open doors for your career.
- Our technical facilities and studio-based practice will encourage you to carve out your own creative niche. You'll work alongside exceptional artists—including fellow students—exploring new genres and forms in the creative industries and the impact these have on the creative landscape.
- You will join a community of like-minded students and staff who are passionate about the Arts, and invested in growing the creative community locally and globally. Work alongside students from a wide variety of disciplines, building the foundations for strong connections and collaboration.

## ONE OF THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as second out of every university in NSW/ACT for Creative Arts

## CAREERS

The creative industries employ more than 500,000 people in Australia—that's 5.3 per cent of the total workforce. There are literally thousands of creative careers waiting for people with the right mix of skills and experience.

- Copywriter
- Novelist
- Feature Writer
- Screen Writer
- Editor
- Creative Director
- Photographer
- Graphic Designer
- Web Designer
- Fine Artist
- Sculptor
- Musician
- Actor
- Theatre Performer
- Theatre Director
- Dancer
- Curator
- Museum Manager
- Digital Media Manager
- Digital Game Designer
- Lighting Designer
- Stage Manager
- Film and Television Producer

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*Writing was always a novelty, I didn't realise it was a possible career for me until I went to UOW. I learned how to be a better writer but most importantly I also learned how to make a career out of writing. During my degree we published a literary journal, TIDE. The whole process was similar to what we go through every month at Home Beautiful. This practical publishing and editing experience helped me land my first job.”*



**Bettina Tyrrell**

Bachelor of Creative Arts (Creative Writing), 2011  
Junior Sub-Editor/Feature Writer,  
Home Beautiful, Pacific Magazines

## Bachelor of Creative Arts

ATAR	CAMPUS	UAC
75/93 DS	Wollongong	754601/754610 DS
IB	DURATION	STARTS IN
27/35 DS	3yrs	Autumn (February)

**DS** Dean's Scholar available [go.uow.edu.au/bca-ds](http://go.uow.edu.au/bca-ds)

Studying Creative Arts at UOW means you get the right balance of practical and theoretical subjects and you get to design your own degree to meet your career aspirations. This degree prepares you to become part of the global creative industries and a community as passionate about self-expression as you are. A Creative Arts degree equips you with a sound knowledge of contemporary arts, arts theory and history within Australia and how that fits within an international context, reflecting on social, cultural and ethical issues.

### Majors

#### CREATIVE WRITING DS

[go.uow.edu.au/bca-crwrit](http://go.uow.edu.au/bca-crwrit)

ATAR	CAMPUS	UAC
75/93 DS	Wollongong	754601
IB	DURATION	STARTS IN
27/35 DS	3yrs	Autumn (February)

Majoring in creative writing will allow you to focus on three key areas of creative writing practice: poetic, dramatic and narrative. You will be able to produce new work in poetry, drama, writing and short stories and reflect on these practices in relation to the history and politics of writing. Students will work on a major project allowing them to develop a significant piece of creative content on completion of their degree. Various artist and writer-in-residence programs take place throughout your degree and you will be encouraged to participate in extracurricular activities, facilitate public readings, perform your written work and pursue publication.

#### GRAPHIC DESIGN DS

[go.uow.edu.au/bca-gdes](http://go.uow.edu.au/bca-gdes)

ATAR	CAMPUS	UAC
75/93 DS	Wollongong	754602
IB	DURATION	STARTS IN
27/35 DS	3yrs	Autumn (February)

A graphic design major combines the study of graphic design and design thinking with studio-based practice in print and screen-based design. You will learn a range of advanced graphic design techniques and practices, including visual communication design, innovations in design practice and sustainability, and ethics. You will be encouraged to take a collaborative approach to your study with students from other creative disciplines. The course culminates in a final year major project and public exhibition of students' work within the Graduate Show.

#### MUSIC DS

[go.uow.edu.au/bca-music](http://go.uow.edu.au/bca-music)

ATAR	CAMPUS	UAC
75/93 DS	Wollongong	754603
IB	DURATION	STARTS IN
27/35 DS	3yrs	Autumn (February)

The study of music integrates physical, intellectual and emotional aspects, including instrumental or vocal performance, composition, music production, theory and history, in order to gain a deeper understanding of how music works, as well as to develop skills as a creative practitioner to prepare for a career in the arts. This is a versatile, hands-on degree that prepares you to become part of the global creative industries by focusing on contemporary music practice. The music major combines teaching in performance and composition with developments in electronic media, building your skills and expertise across three interrelated areas: music studio, audio production and critical studies in music.

#### THEATRE DS

[go.uow.edu.au/bca-thea](http://go.uow.edu.au/bca-thea)

ATAR	CAMPUS	UAC
75/93 DS	Wollongong	754609
IB	DURATION	STARTS IN
27/35 DS	3yrs	Autumn (February)

This flexible degree equips you with skills in a broad range of performance-related areas, including stage craft, dramaturgy, stage management and the production of live performance. You will learn to refine your performance skills, including acting, singing, movement and voice. You will also receive an introduction to lighting and sound design. It is primarily practice-based and offers opportunities to work with professional artists on the creation of contemporary theatre works. You will learn that theory and history are essential to your development as an informed, professional and self-reliant practitioner.

#### VISUAL ARTS DS

[go.uow.edu.au/bca-visart](http://go.uow.edu.au/bca-visart)

ATAR	CAMPUS	UAC
75/93 DS	Wollongong	754605
IB	DURATION	STARTS IN
27/35 DS	3yrs	Autumn (February)

Visual arts represents a category of artistic disciplines, including fine arts, conceptual art and contemporary arts. This field includes painting, print-making, photography, drawing, sculpture and textiles. This flexible degree equips you with technical skills and best-practice techniques in studio practice and related theory and history studies. The studio processes cover textiles, painting and sculpture. You'll also receive a strong foundation in visual and design concepts and then work towards your chosen area of specialisation in studio subjects. Explore the areas of drawing, printmaking, photography, video, installation, digital image making and curatorial practices. You will also take part in a major artistic showcase and public exhibition by the end of your degree. Student work is exhibited throughout the year in our gallery spaces.

#### VISUAL ARTS & DESIGN DS

[go.uow.edu.au/bca-vad](http://go.uow.edu.au/bca-vad)

ATAR	CAMPUS	UAC
75/93 DS	Wollongong	754607
IB	DURATION	STARTS IN
27/35 DS	3yrs	Autumn (February)

This degree combines study in the fields of both visual arts and design, including both studio practice and related theory and history studies blending the cultural and vocational aspects of traditional and new media. You will explore the areas of drawing, printmaking, photography, video, installation, digital image making and curatorial practices. Investigate a range of graphic design techniques and practices across a number of platforms, including visual communication design, innovations in design practice and sustainability and ethics. You will also take part in a major artistic showcase and public exhibition by the end of your degree. Student work is exhibited throughout the year in our gallery spaces.

## Bachelor of Arts

ATAR	CAMPUS*	UAC
70/93 DS	Wollongong	753101/753105 DS
IB	DURATION	STARTS IN
25/35 DS	3yrs	Autumn (February). Spring (July)

**DS** Dean's Scholar available [go.uow.edu.au/barts-ds](http://go.uow.edu.au/barts-ds)

A creative major within the Bachelor of Arts is recommended for students who have an interest in multiple areas and would like to broaden the scope of their study. This cross-discipline degree will give you new perspectives on approaching ideas and problems and expand your career options as you finish your studies. You will graduate with an interdisciplinary focus, flexibility, critical analysis, and practical skills to prepare you for real-world problems.

By undertaking a Bachelor of Arts and majoring in a creative discipline you will complete with fewer credit points than required for a major in the Bachelor of Creative Arts.

## Majors

### CREATIVE WRITING **DS**

[go.uow.edu.au/barts-cwrit](http://go.uow.edu.au/barts-cwrit)

Creative writing lets you express ideas and thoughts in an imaginative way. It allows you to show feelings and emotions through writing; you're not just relaying facts or conveying information. Creative writers write to entertain or educate someone, to spread awareness about something or someone, or simply as a way of sharing a human experience, like love or loss. A UOW degree in creative writing will focus on three key areas of creative writing practice: poetic, dramatic and narrative. You will be able to produce new work in poetry, drama and short stories and reflect on these practices in relation to the history and politics of writing.

### PHOTOGRAPHY **DS**

[go.uow.edu.au/barts-phot](http://go.uow.edu.au/barts-phot)

Photography is a form of art and expression. It is a graphic communication that can be internationally understood. It can be used to show facts, inform, educate, entertain, reform, or share some experience with other people. Photography will take you through visual experiences and critical thinking. You will undertake a range of studies using analog and digital technologies in diverse studio subjects, including digital photography and Photoshop, darkroom processes and printing, studio lighting (portraiture and still life), fieldwork site and context, photo-assemblage and series, and photography in the expanded field of new technologies (including audio and the moving image).

### WRITING & ENGLISH LITERATURES **DS**

[go.uow.edu.au/barts-writenglit](http://go.uow.edu.au/barts-writenglit)

Writing and English Literatures allows you to combine your love of writing with the analytics of literature.

This degree focuses on the study of literature from various periods and literary practice, and the practical application of this study through creative writing. Core subjects will introduce you to creative writing: the romantics, the modernists, Shakespeare and early modern drama. Writing and English Literatures pairs well with a major in cultural studies, languages, Indigenous studies or philosophy.

## Bachelor of Digital Media

**go.uow.edu.au/bdigmed**

ATAR	CAMPUS	UAC
75	Innovation Campus	754650
IB	DURATION	STARTS IN
27	3yrs	Autumn (February)

The Bachelor of Digital Media (BDM) is a comprehensive course designed to meet the diverse requirements of the growing digital media industry in both Australia and abroad. Students will develop a mixture of relevant contemporary technical skills, as well as a fundamental understanding of the digital medium and new contexts for production and technologically mediated creative practice. Students will be engaged in supported technical instruction, collaborative learning activities, the development of research and inquiry skills, and project-based opportunities that reflect real life creative collaborations.

This degree program aims to produce graduates who can flexibly respond to changing industry needs and opportunities, informed by an understanding and appreciation of relevant artistic traditions

## Bachelor of Performance

**go.uow.edu.au/bperf**

ATAR	CAMPUS	UAC
NA/93 DS	Wollongong	754800/754810 DS
IB	DURATION	STARTS IN
NA/35 DS	3yrs	Autumn (February)

Entry is also via an audition

Entry requirements can be found at [go.uow.edu.au/bperf](http://go.uow.edu.au/bperf)

**DS** Dean's Scholar available [go.uow.edu.au/bperf-ds](http://go.uow.edu.au/bperf-ds)

The Bachelor of Performance at UOW is a specialist course that will develop you as a self-reliant, highly skilled performing artist through a practice-based program. You will learn to apply practical skills and theoretical knowledge to contemporary performance as well as learn the techniques, strategies and processes of modern theatre-making. Subjects will cover traditional interpretive actor training, developing your skills in acting, voice, singing and movement, and also focus on devised works for theatre and contemporary performance. You will study theatre-making, with an emphasis on collaboration and ensemble practice. Subjects also cover the history and theory of theatre and professional practice.

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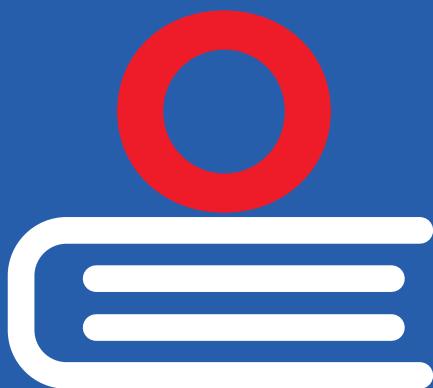
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# Education

Authentic learning experiences will prepare you for a career in classrooms, early childhood settings and beyond.



## WHY STUDY EDUCATION

Education is a highly rewarding profession that can truly change lives. There are very few other professions where you can have such a profound impact on the lives of so many young children and their families. As an education professional you'll not only play a huge role in the social, cognitive, emotional, and educational development of your students, you'll be an integral and respected member of your local community.

## WHY STUDY EDUCATION AT UOW

- Learn by doing with more than 80 days of professional practice. Opportunities include local, rural and international placements where you will apply your skills in real-world classrooms and settings.
- We're considered a 'university of choice' with partnership agreements signed with over 400 schools around the region.
- Our academics—your teachers—are at the forefront of their specialisations. They are passionate about teaching and learning, published authors, expert researchers and accredited professionals.
- As an Early Years student you will have an opportunity to learn in our new \$44 million Early Start facility—the most sophisticated teaching, research and community engagement initiative undertaken in Australia.
- Our degrees are accredited by the professional associations that matter. See individual course descriptions for more detail.

## THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as the best university in Australia for Teacher Education.

UOW also ranked in the top 100 universities in the world for Education in the QS World University Rankings by Subject 2015.

## CAREERS

A UOW education degree can lead to a wide variety of careers both inside and outside the classroom.

- School Teacher – Catholic, Independent or Government
- Child Care Worker
- Educational Consultant
- Educational Manager
- High School Teacher in: art, computing science, drama, english, history, mathematics, music, science, languages
- Outdoor Education Teacher
- PDHPE Teacher
- Preschool Teacher
- Primary Teacher
- Private College Teacher
- Recreational Activities Coordinator
- School Counsellor
- School Principal
- Sport Development Officer
- Tafe Teacher
- Training And Development Officer

“

*The professional experience was arguably the most important part of my degree. Having four different professional experience placements meant there was a consistent and conscious effort to improve my teaching and prepare me for the 'real world'. The support I received was amazing and ensured I was always learning and developing.”*



**Josh Perizzolo**

Bachelor of Physical and Health Education, 2013

PDHPE Teacher/Boys' Advisor, Deniliquin High School

# Early Years

## Bachelor of Education - The Early Years

### go.uow.edu.au/bed-eyrs

ATAR	CAMPUS^	UAC
70/90 DS	Wollongong	755111/755211 DS
70/90 DS	Bega	755109/755209 DS
70/90 DS	Batemans Bay	755108/755208 DS
70/90 DS	Shoalhaven	755110/755210 DS
IB	DURATION	STARTS IN
25/33 DS	4yrs	Autumn (February)

### ACCREDITATION

The Bachelor of Education - The Early Years is accredited through the Australian Children's Education & Care Quality Authority (ACECQA).

**DS** Dean's Scholar available [go.uow.edu.au/bed-eyrs-ds](http://go.uow.edu.au/bed-eyrs-ds)

During this degree you will study:

- The development of young children and their connection to family, community, and culture
- Improving education and developmental outcomes for children
- Establishing relationships with children and families
- Cultural and social diversity
- Early intervention and transition to school
- Leadership and advocacy
- Creating physical and social learning environments.

For the duration of this degree you will be part of the Professional Partners in Practice (PPP) and engage in a continuous professional mentoring program. This will give you invaluable industry experience and professional connections that will enhance your employment pathways and opportunities. You will 'learn by doing' in the Professional Experience Program, spending up to 16 weeks teaching in early childhood education and care centres.

\*Completion of full majors at regional campuses is subject to availability at the time of enrolment. ATARs may vary.

# Primary

## Bachelor of Primary Education

### go.uow.edu.au/bprimed

ATAR	CAMPUS	UAC
75/90 DS	Wollongong	755112/755212 DS
IB	DURATION	STARTS IN
27/33 DS	4yrs	Autumn (February)

**DS** Dean's Scholar available [go.uow.edu.au/bprimed-ds](http://go.uow.edu.au/bprimed-ds)

### ACCREDITATION

This degree is accredited by the NSW Board of Studies Teaching and Educational Standards (BOSTES) and is recognised as a professional teaching qualification in other jurisdictions nationally and internationally. Students seeking work outside Australia are advised to check with potential employers and other teacher registration authorities for local requirements.

Primary teaching is a rewarding profession that can change lives. A primary teacher educates children from Kindergarten to Year 6 (ages 5 to 12 years) and teaches all areas of the Australian primary curriculum. UOW Bachelor of Primary Education graduates focus on educating the 'whole child' and promote lifelong learning in children.

In addition to studying the Australian curriculum subjects, you will focus on educational foundation subjects including Teaching Gifted Learners, Aboriginal Education, Learners with Exceptional Needs, Educational Research, and Teaching Linguistically and Culturally Diverse Students. You can choose to study an education minor in Quality Mathematics Teaching, Information & Communication Technology (ICT), Literacy and Teaching, Environmental Education, The Arts, Special Education or English as a Second Language (ESL).

This degree produces quality teachers with an understanding of diversity in the classroom and strong connections to school communities. It includes 90 days of professional experience and opportunities for international teaching placements.

The School of Education has a partnership agreement that provides opportunities to complete religious education subject(s) with the Broken Bay Institute, which can be used towards provisional accreditation to secure employment in the Catholic School system.

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# A Secondary

## B Bachelor of Mathematics Education

### C go.uow.edu.au/bmathed

ATAR	CAMPUS	UAC
73/90 DS	Wollongong	755102/755202 DS
IB	DURATION	STARTS IN
26/33 DS	4yrs	Autumn (February)

E **DS** Dean's Scholar available [go.uow.edu.au/bmathed-ds](http://go.uow.edu.au/bmathed-ds)

### F ACCREDITATION

G This degree is accredited by the NSW Board of Studies Teaching and Educational Standards (BOSTES) and is recognised as a professional teaching qualification in other jurisdictions nationally and internationally. Students seeking work outside Australia are advised to check with potential employers and other teacher registration authorities for local requirements.

I Mathematics is a discipline central to many branches of science and commerce. Given its wide variety of applications, teaching the next generation of mathematicians requires specific skills. UOW Mathematics Education involves learning mathematics and how to teach it effectively.

L During this four-year degree you will study a combination of maths and education subjects allowing you to practically apply both disciplines throughout your degree. Mathematics subjects, including calculus, algebra, statistics and mathematical modelling, are complemented with education subjects about teaching and learning strategies, including learning and development, pedagogy (the method and practice of teaching), professional teaching skills, curriculum studies and meeting learners' needs.

M Two HSC units of Mathematics (not Mathematics General 2) are required to enrol in this course.

P This degree produces quality teachers with an understanding of diversity in the classroom and strong connections to school communities. It includes 90 days of professional experience and opportunities for international teaching placements.

## H Bachelor of Health and Physical Education

### I go.uow.edu.au/bphysed

ATAR	CAMPUS	UAC
75/90 DS	Wollongong	755101/755201 DS
IB	DURATION	STARTS IN
27/33 DS	4yrs	Autumn (February)

J **DS** Dean's Scholar available [go.uow.edu.au/bphysed-ds](http://go.uow.edu.au/bphysed-ds)

### K ACCREDITATION

L This degree is accredited by the NSW Board of Studies Teaching and Educational Standards (BOSTES) and is recognised as a professional teaching qualification in other jurisdictions nationally and internationally. Students seeking work outside Australia are advised to check with potential employers and other teacher registration authorities for local requirements.

M This four-year degree gives you expert theory and professional experience for employment as a health and physical education teacher. You may also gain employment in educational environments such as game development officers in sports. You will learn through face-to-face delivery in classrooms, online learning and community settings.

N You will study physical and health education subjects, including games and sports, rhythmic movements, mental and sexual health, relationships, curriculum and pedagogy (the method and practice of teaching), anatomy and physiology, biomechanics, educational foundations, and movement skills. You will also study broader complementary subjects, including Aboriginal Education, Information and Communication Technology, Learners with Exceptional Needs, Educational Research, Communication, and Risk and Behaviour Management.

O This degree produces quality teachers with an understanding of diversity in the classroom and strong connections to school communities. It includes 90 days of professional experience and opportunities for international teaching placements.

## P Bachelor of Science Education

### Q go.uow.edu.au/bsciied

ATAR	CAMPUS	UAC
73/90 DS	Wollongong	755103/755203 DS
IB	DURATION	STARTS IN
26/33 DS	4yrs	Autumn (February)

### R ACCREDITATION

S This degree is accredited by the NSW Board of Studies Teaching and Educational Standards (BOSTES) and is recognised as a professional teaching qualification in other jurisdictions nationally and internationally. Students seeking work outside Australia are advised to check with potential employers and other teacher registration authorities for local requirements.

T **DS** Dean's Scholar available [go.uow.edu.au/bsciied-ds](http://go.uow.edu.au/bsciied-ds)

U Science education at UOW involves learning science and how to teach it effectively. As a science teacher you will teach the structure and behaviour of both the physical and natural world through observation and experiment. UOW-educated science teachers have practical teaching skills and a high-level knowledge of science.

V Science subjects, including biology, chemistry, earth and environmental science, and physics, are complemented with education subjects about teaching and learning strategies, including learning and development, pedagogy (the method and practice of teaching), professional teaching skills, curriculum studies and meeting learners' needs.

W This degree produces quality teachers with an understanding of diversity in the classroom and strong connections to school communities. It includes 90 days of professional experience and opportunities for international teaching placements.

## X Teaching Pathway

### Y Master of Teaching (Primary)

### Z go.uow.edu.au/mteach-prim

DURATION	STARTS IN
2yrs (or part-time equivalent*)	Autumn (February)
CAMPUS	

A Wollongong, Batemans Bay, Bega, Shoalhaven, Southern Highlands

B \*Part-time not available at the Wollongong Campus

### C ACCREDITATION

D This degree is accredited by the NSW Board of Studies Teaching and Educational Standards (BOSTES) and is recognised as a professional teaching qualification in other jurisdictions nationally and internationally. Students seeking work outside Australia are advised to check with potential employers and other teacher registration authorities for local requirements.

E The Master of Teaching (Primary) is for university graduates from non-teaching courses who want to become primary school teachers (Kindergarten to Year 6). This degree produces quality teachers with an understanding of diversity in the classroom and strong connections to school communities. It includes 70 days of professional experience and opportunities for international teaching placements. You will benefit from quality training with local teachers and a range of workshops to enhance your skills in Information Technology (IT), communication, working with parents, designing assessment tasks and conducting school-based research. Your learning will be supported by online teaching, forums, podcasts and video streamed lectures, on-campus tutorials and in-school activities.

# Master of Teaching (Secondary)

[go.uow.edu.au/mteach-sec](http://go.uow.edu.au/mteach-sec)

DURATION	STARTS IN
2yrs (or part-time equivalent*)	Autumn (February)
CAMPUS	

Wollongong, Batemans Bay, Bega, Shoalhaven, Southern Highlands

\* Part-time not available at the Wollongong Campus

## ACCREDITATION

This degree is accredited by the NSW Board of Studies Teaching and Educational Standards (BOSTES) and is recognised as a professional teaching qualification in other jurisdictions nationally and internationally. Students seeking work outside Australia are advised to check with potential employers and other teacher registration authorities for local requirements.

The Master of Teaching (Secondary) is for university graduates from non-teaching courses who want to become secondary school teachers (Years 7 to 12). This degree produces quality teachers with an understanding of diversity in the classroom and strong connections to school communities. It includes 70 days of professional experience and opportunities for international placement teaching. You will benefit from quality training with local teachers and a range of workshops to enhance your skills in Information Technology (IT), communication, working with parents, designing assessment tasks and conducting school-based research.

This degree focuses on building teaching skills through a professional experience immersion program in your very first session, and regular professional experience periods throughout the degree. Your learning will be supported by online teaching, forums, podcasts and video streamed lectures, on-campus tutorials and in-school activities.

## Related Studies

### Bachelor of Social Science

EDUCATION FOR CHANGE

SEE PAGE 79

## PROFESSIONAL EXPERIENCE

All UOW undergraduate education courses involve placement in schools, and early childhood and care centres as part of the Professional Experience component.

Professional teaching experiences are integrated into the degrees and usually occur in the Illawarra, Shoalhaven, South West Sydney, Southern Highlands and Southern Sydney schools. There are also opportunities for students to apply for 'out-of-area' Professional Experiences (e.g. in rural NSW) and International Teaching Experiences in countries such as Thailand, Fiji and China.

Please note: Professional Experience is a compulsory component embedded in our undergraduate Education courses and the Master of Teaching (Primary/Secondary) degree. Therefore it is an expectation that students who participate in these courses are capable of meeting the demands of navigating their own way to, from and around the Professional Experience contexts.

## WORKING WITH CHILDREN CHECKS

Under the Child Protection (Working with Children) Act 2012, and the Child Protection (Working with Children) Regulation 2013, students enrolled in UOW Education degrees, undertaking professional experience placement in schools or other educational institutions that involve children or young people, may be required to complete a Volunteer/Student Declaration. However, pre-service teachers who participate in Internship programs in NSW schools will be required to undergo a Working With Children Check (WWCC).

## SUPPLEMENTARY ENTRY REQUIREMENT

To be employed by the NSW Department of Education as a primary school teacher you must have completed 2 units of Mathematics and 2 units of English, during your HSC or equivalent. If you don't have the required level of either, you will undertake concurrent study with your degree.

## DEAN'S SCHOLAR

The Dean's Scholar is a program for high-achieving students who intend to continue their studies through honours and research degrees. As a Dean's Scholar you will make a scholarly contribution to your field of study and to UOW. You will have access to a Dean's Scholar study space, school workshops, seminars and networking events. There is also the opportunity for casual employment in the UOW Faculty of Social Sciences, community research, or projects supervised by leading practitioners or scholars for 15 hours per year.

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2017 Undergraduate Course Directory

# Engineering

Engineers design and create solutions for everyday life, from the large scale to the nano-level.

## WHY STUDY ENGINEERING

Engineering is truly an international career where your skills can solve problems anywhere in the world. Clean water solutions, sustainable energy sources, transport systems that reduce congestion, cost-effective modules for space travel—engineers make things happen.

## WHY STUDY ENGINEERING AT UOW

- A common first year means you can try all study areas before specialising
- UOW is part of the elite Group of Eight (Go8) Engineering and Associates—in recognition of being among the top Australian engineering faculties.
- Your degree is accredited by Engineers Australia, and under the Washington Accord you have a passport to work as an engineer in many other countries
- We are leaders in sustainability. You'll be studying at the home of the award-winning Solar Decathlon House and the Sustainable Buildings Research Centre.
- Learn and create in some of Australia's best labs and workshops
- Go on overseas study tours and enter creative design competitions
- Receive strong support from the Women in STEM (Science, Technology, Engineering and Mathematics) Student Society.

## ONE OF THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as the best university in NSW/ACT for Engineering.

UOW also ranked in the top 200 universities in the world for Engineering and Technology in the QS World University Rankings by Subject 2015.

## CAREERS

Engineers enjoy a wide range of careers and great opportunities for advancement in all fields. It is as much about technical knowledge as it is a mindset: a practical way of learning to understand and develop, and then continuously improve solutions to technical and social problems. Here is just a sample of the careers you can pursue.

<ul style="list-style-type: none"> <li>- Biomedical Engineer</li> <li>- Computer Architect</li> <li>- Computer Systems Engineer</li> <li>- Civil Engineer</li> <li>- Construction Manager</li> <li>- Electronics Engineer</li> <li>- Electrical Engineer</li> <li>- Environmental Engineer</li> <li>- Geotechnical Engineer</li> <li>- Materials Engineer</li> <li>- Mechanical Engineer</li> </ul>	<ul style="list-style-type: none"> <li>- Metallurgist</li> <li>- Network Engineer</li> <li>- Production Engineer</li> <li>- Security Engineer</li> <li>- Software Engineer</li> <li>- Structural Engineer</li> <li>- Systems Analyst</li> <li>- Telecommunications Engineer</li> <li>- Transport Engineer</li> <li>- Water Quality Manager</li> </ul>
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The Faculty of Engineering & Information Sciences' ongoing high-quality research gives us admission to the Go8 – Group of Eight Engineering and Associates, the top research faculties in Australia.

“

*I went to India on a social impact internship to work on a water impact project. We were the first water group to go over so we were tasked with 'needs identification' or determining the community's needs and wants in terms of water. Future groups will continue our work, working towards a sustainable solution. The project was very rewarding and an eye opening way to see how engineering can improve communities.”*



**Katie Menzies**

Bachelor of Engineering (Honours) – Environmental Engineering

## A Bachelor of Engineering (Honours)

ATAR	CAMPUS	UAC
80/95 S	Wollongong	See Major/755601 S
IB	DURATION	STARTS IN
29/37 S	4yrs	Autumn (February), Spring (July)

### C ACCREDITATION

UOW's engineering programs 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, Ireland, Korea, Malaysia, Singapore and other countries. This recognition ensures that graduates from this course are admitted, on application, to the grade of Graduate Membership of Engineers Australia.

**S** Scholar option available [go.uow.edu.au/beng-schol](http://go.uow.edu.au/beng-schol)

## H Double Major Programs

I The double major degrees will make you highly employable in specialist industries and government bodies, operating in complex environments.

### L DOUBLE MAJORS

- Civil – Environmental 5 years
- Civil – Mining 5 years
- Computer – Telecommunications 5 years
- Electrical – Computer 5 years
- Electrical – Telecommunications 5 years
- Mechanical – Materials 5 years
- Mechanical – Mining 5 years
- Mining – Environmental 5 years
- Mining – Materials 5 years

## F Flexible First Year

### go.uow.edu.au/beng-flex

ATAR	CAMPUS	UAC
80	Wollongong	755624
IB	DURATION	STARTS IN
29	4yrs	Autumn (February), Spring (July)

You will study a common first year, which allows you to learn more about engineering and its different fields before deciding which discipline to study. The common first year provides you with sound fundamentals in mathematics, statistics, physics, chemistry, computing, engineering science and communication, mechanics, materials and fluids. You then focus on your chosen major study area from second year.

## M Majors

### BIOMEDICAL ENGINEERING\* S

ATAR	CAMPUS	UAC
80/95 S	Wollongong	755610/755601 S
IB	DURATION	STARTS IN
29/37 S	4yrs	Autumn (February), Spring (July)

34 Biomedical Engineering is a multi-disciplinary field that enables engineers to combine engineering principles with biological and medical sciences. Developments in biomedical engineering provide vital skills and knowledge to enable change to the national health system and improve people's lives, for example, developments in imaging, instrumentation, robotics, scaffolding, materials engineering, computer science and prosthetics. Students will study areas related to mechanical, electrical, artificial intelligence (e.g. evolutionary computation, neural network, fuzzy logic, machine learning) and aspects of modern biomedical systems. Graduates will develop a solid understanding of critical issues involved in developing biomedical systems in a global economy and make significant technological contributions to biomedical systems, both in Australia and abroad.

\*new major subject to approval

## C CIVIL ENGINEERING S

### go.uow.edu.au/beng-civil

ATAR	CAMPUS	UAC
80/95 S	Wollongong	755611/755601 S
IB	DURATION	STARTS IN
29/37 S	4yrs	Autumn (February), Spring (July)

Civil engineers build and maintain the infrastructure of advanced modern living. They plan, design, construct, operate and maintain everything from buildings to bridges, tunnels and dams, highways and airports, power plants, and water and sewerage systems.

The later years of the Civil Engineering degree cover structural engineering, water engineering, geomechanics, engineering management, engineering applications and design, materials and transport, and surveying.

## P COMPUTER ENGINEERING S

### go.uow.edu.au/beng-comp

ATAR	CAMPUS	UAC
80/95 S	Wollongong	755621/755601 S
IB	DURATION	STARTS IN
29/37 S	4yrs	Autumn (February), Spring (July)

Computer engineers design computers and/or computer systems, hardware and software to control sensors, embedded devices and manufacturing or industrial plants. This field of engineering not only focuses on how computer systems themselves work, but how they integrate into the bigger picture.

In the Bachelor of Engineering (Honours) Computer Engineering you will study electrical engineering, software design and hardware-software integration, from the development of super computers to circuit design. You will acquire specialist expertise in the fields of computer architecture and software design to combine hardware and software solutions to solve practical problems.

The later years of the Bachelor of Engineering (Honours) Computer Engineering focus on the development of high level computer engineering capabilities including:

- Hardware design
- Software techniques
- Signal processing
- Multimedia control systems and robotics.

**ELECTRICAL ENGINEERING S****go.uow.edu.au/beng-elec**

ATAR	CAMPUS	UAC
80/95 S	Wollongong	755622/755601 S
IB	DURATION	STARTS IN
29/37 S	4yrs	Autumn (February), Spring (July)

Electrical engineering focuses on electrical and electronic devices and systems, computer systems, telecommunications, control and electrical power engineering. Electrical engineers play a vital role in renewable energy generation, heavy industry and manufacturing installations, robotics and automation, mining and electrical power distribution.

In the Bachelor of Engineering (Honours) Electrical Engineering you will study subjects that will give you the specialist knowledge you need to move into the industry, including:

- Electricity generation and distribution (including renewable energy)
- Electrical power quality
- Machines and drives
- Power electronics
- Control systems
- Automation.

You can choose to specialise in any of the following sub-disciplines:

- Control Engineering—focuses on integrated sensors and control systems
- Electronics Engineering—focuses on semi-conductors and electronic components in the design and development of engineering systems
- Power Engineering—dealing with the generation, transmission and distribution of electricity.

**ENVIRONMENTAL ENGINEERING S****go.uow.edu.au/beng-env**

ATAR	CAMPUS	UAC
80/95 S	Wollongong	755612/755601 S
IB	DURATION	STARTS IN
29/37 S	4yrs	Autumn (February), Spring (July)

Environmental engineers develop engineering solutions to problems that impact our land, water and air quality, with an aim towards sustainable development. At UOW, environmental engineering embraces broad environmental concerns, including water quality and supply; groundwater protection and remediation; wastewater treatment; indoor and outdoor air pollution; solid and hazardous waste disposal; supply of safe drinking water; cleaning contaminated sites; preserving sensitive wetlands; and prevention of pollution through product and process design.

In your third and fourth year of the major you will branch into more specialised areas, including water quality engineering, air and noise pollution control, solid and hazardous waste management, environmental engineering design, and site remediation.

**MATERIALS ENGINEERING S****go.uow.edu.au/beng-mat**

ATAR	CAMPUS	UAC
80/95 S	Wollongong	755613/755601 S
IB	DURATION	STARTS IN
29/37 S	4yrs	Autumn (February), Spring (July)

Materials engineers play a key role in reducing environmental impact through recycling, redesigning processes to reduce waste, and developing high performance materials for new energy technologies.

At UOW you will learn to apply knowledge of science and engineering to turn raw materials into finished products, and how the structure and properties of materials can be controlled by composition and processing.

In your third and fourth year of the major you will choose electives from more specialised areas, including engineering alloys; fracture, failure and degradation; polymeric materials; ceramics, glasses and refractories; materials processing and transport; materials science and technology; metallurgical processing; materials forming and manufacturing; and sustainability in materials engineering.

**MECHANICAL ENGINEERING S****go.uow.edu.au/beng-mech**

ATAR	CAMPUS	UAC
80/95 S	Wollongong	755614/755601 S
IB	DURATION	STARTS IN
29/37 S	4yrs	Autumn (February), Spring (July)

Mechanical engineers design, build, test and maintain all kinds of machines from robots to cars to space vehicles. They are continually designing, building and testing new forms of environmentally safe technologies, such as solar energy, solar vehicles, and wave and wind energy. They are also involved in advanced manufacturing, materials handling, powder technology, automotive technology, and biomechanics.

Technical subjects in the Bachelor of Engineering (Honours) Mechanical Engineering include:

- Engineering computing and instrumentation and workshop practice
- Mechanical engineering design
- Control of machines and processes
- Process design and analysis
- Manufacturing process analysis
- Manufacturing systems
- Sustainable energy
- Transport and engine technologies
- Dynamics of engineering systems
- Bulk solids handling technology
- Fluid power
- Heat transfer and aerodynamics.

**MECHATRONIC ENGINEERING S****go.uow.edu.au/beng-mtron**

ATAR	CAMPUS	UAC
80/95 S	Wollongong	755616/755601 S
IB	DURATION	STARTS IN
29/37 S	4yrs	Autumn (February), Spring (July)

Mechatronic engineering is the combination of mechanical, electrical and computer technologies. Industrial robots are an example of mechatronic engineering: computer-controlled mechanical arms capable of performing manual labour with greater strength, speed and efficiency than a human.

The reality of the modern world is that computer-controlled systems are commonplace in homes, business and industry. Nearly everyone uses a mechatronic system every day, from washing machines to central air-conditioning, cameras and computer printers.

In your third and fourth year of the major you will branch into more specialised areas, including control theory, microcontroller architecture and applications, electronics, mechanical engineering design, foundation in electrical energy utilisation, robotics and flexible automation.

**MINING ENGINEERING S****go.uow.edu.au/beng-min**

ATAR	CAMPUS	UAC
80/95 S	Wollongong	755615/755601 S
IB	DURATION	STARTS IN
29/37 S	4yrs	Autumn (February), Spring (July)

Mining engineers apply science, geoscience, engineering and technology to the efficient exploration and extraction of minerals from the earth, turning raw materials into valuable products.

At UOW, mining engineering focuses on the design of engineering structures, with an emphasis on mining methods, ventilation, environmental engineering, rock mechanics, computer applications, mineral beneficiation, mining economics and industrial management.

The final sessions of the course are professionally oriented and include subjects such as mine planning, occupational health and safety aspects of mining, mine water, geostatistics, and the environmental impact of mineral operations.

**TELECOMMUNICATIONS ENGINEERING S**[go.uow.edu.au/beng-tel](http://go.uow.edu.au/beng-tel)

ATAR	CAMPUS	UAC
80/95 S	Wollongong	755623/755601 S
IB	DURATION	STARTS IN
29/37 S	4yrs	Autumn (February), Spring (July)

**A**

Telecommunications engineering deals with large-scale data networks, such as the internet and other devices and systems that represent, store and transmit analog and digital information. This includes data transmission, equipment, customer access technology, analog and digital radio and television systems, satellite communications, global navigation, mobile communications and remote sensing/telemetry systems.

**B**

As a telecommunications engineering student at UOW you will study data, voice and video communications, transmission through wireless and wired media, predicting and modelling communication systems performance, and detecting or correcting errors in transmission.

**C**

In the Bachelor of Engineering (Honours) Telecommunications Engineering you'll be trained to take up roles as telecommunications engineers focusing on the transmission and management of information through channels such as coaxial cable, optical fibres or free space. You will study data communications, control theory, digital signal processing and communications systems.

**D****Bachelor of Science (Materials)****E**[go.uow.edu.au/bsci-mat](http://go.uow.edu.au/bsci-mat)

ATAR	CAMPUS	UAC
78	Wollongong	757636
IB	DURATION	STARTS IN
28	3yrs	Autumn (February), Spring (July)

**F**

When you choose the Bachelor of Science majoring in Materials, you will study core materials subjects such as the detailed structure of the properties of metals, alloys, ceramics, polymers and composites. Electives in second and third years are selected from a list of subjects in the fields of materials, chemistry or science and technology studies.

**G**

When you study materials science you'll explore the ways in which new materials are changing our world. You'll find out how to measure and control the strength of metals and polymers, learn about the structure of crystals and glasses, or discover how semiconductors work.

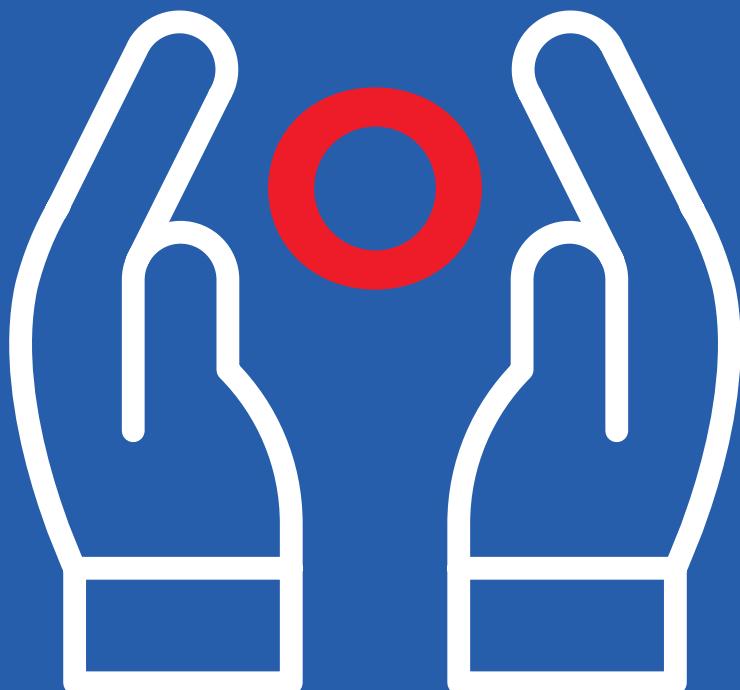
**H**

This course will provide you with 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.

**I****J****K****L****M****N****O****P****Q****R****S****T****U****V****W****X****Y****Z**

# Geography

Geography goes far beyond maps and graphs. By investigating both sides of the human-environment relationship, Geographers help solve some of the biggest issues affecting our world today.



## HOW GEOGRAPHY IS TAUGHT AT UOW

Never before have geography skills been so important. Pressing issues like climate change, population, economic development, environmental management, planning and citizenship require the holistic approach and diverse skills set of a geographer.

Equally, in an era of massive data of both physical and human processes, geographers have never been better positioned to support decision making and planning at all levels of government and business.

## WHY STUDY GEOGRAPHY AT UOW

- You'll undertake extensive practical laboratory work and fieldwork, taking advantage of the diverse local environment, including urban and heritage landscapes, and coastal, rainforest and freshwater ecosystems.
- You'll be involved in rewarding qualitative research projects that will help solve real-world issues. It's here you'll form lasting friendships while developing the skills you'll need to make a difference.
- Your teachers are leading researchers tackling complex world issues, including climate change, sustainability, indigenous perspectives on place, culture and society.
- You'll develop the knowledge and skills to apply the latest technologies in spatial analysis and Geographical Information Systems (GIS)
- Our new \$35 million Sciences Teaching Facility is equipped with the latest technologies to assist your learning.

## ONE OF THE BEST IN AUSTRALIA

UOW is globally ranked in the top 100 universities for Geography by the QS World University Rankings By Subject 2015

The Federal Government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as the best university in NSW/ACT for Science & Mathematics, as well as Humanities, Culture & Social Sciences.

## CAREERS

With such a transferable skill set, Geographers find employment in a diverse range of organisations, across scientific and technical areas such as GIS, and social and environmental policy areas in both government and private organisations.

<ul style="list-style-type: none"> <li>- Research Officer</li> <li>- Heritage Officer</li> <li>- Policy/Project Officer</li> <li>- Hydrologist</li> <li>- Tourism and Recreation Planner</li> <li>- Geospatial Intelligence Officer</li> </ul>	<ul style="list-style-type: none"> <li>- Market Researcher</li> <li>- Cartographer</li> <li>- Climatologist</li> <li>- Ranger</li> <li>- Environmental Health Officer</li> <li>- International Aid Officer</li> </ul>
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With further study Geographers can pursue a career as a Teacher or Urban Planner.

“

*Studying Human Geography at UOW has given me the opportunity to focus on my interest, which is the challenge of urban population growth and carbon intensive lifestyles. My research focuses on understanding the everyday lives of urban residents, including the way people consume, share and interact in the context of apartment living. In terms of student life on campus, I really enjoy getting involved in clubs and societies. I recently established a human geography society where I've met some great like-minded people and have had the chance to organise fun events.”*



**Sophie-May Kerr**

Doctor of Philosophy (Human Geography) - Current  
Advanced Bachelor of Science (Human Geography) Class 1 Honours - completed in 2014

## Bachelor of Geography\*

### go.uow.edu.au/bgeo

ATAR	CAMPUS	UAC
75	Wollongong	755250
IB	DURATION	STARTS IN
27	3yrs full-time	Autumn (February)

Geographers help shape the future by understanding, explaining and predicting both human and physical environments. In this degree, you will learn skills in logical and critical thinking, creative problem-solving, practical research skills, organisation and project management, numeracy, statistical literacy, computer skills (including GIS), and strong communication. You will apply these skills to problems in physical and human geography, studying the natural environment, its processes, and the interaction of these with human society and the way it is shaped and is shaped by its natural world. Your studies will include climate change, biogeography, coastal and fluvial environments, populations, urban and regional societies, spatial geography and environmental management.

\* New for 2017, subject to final approval.

## Bachelor of Science

ATAR	CAMPUS	UAC
75/90 Hons DS	Wollongong	757710/757700 DS
IB	DURATION	STARTS IN
27/33 DS	3yrs/4yrs Hons	Autumn (February)

DS Dean's Scholar available [go.uow.edu.au/bsci-hons-hlthsoc](http://go.uow.edu.au/bsci-hons-hlthsoc)

As a science student, you will learn skills in logical and critical thinking, creative problem-solving, practical research skills, organisation and project management, numeracy, statistical literacy, computer skills, and strong communication.

## Majors

### HUMAN GEOGRAPHY DS

[go.uow.edu.au/bsci-humgeog](http://go.uow.edu.au/bsci-humgeog)

This is a flexible degree designed for students who seek to major in Human Geography, but choose to complement their degree with science subjects. Human Geography is a discipline that addresses contested questions of how to live in a rapidly changing world. These questions are centred on sustainability (climate change), social justice and inequality. In this major you will focus on critical thinking and research skills. You will be introduced to various theories to explain climate change, food security, mega-cities, inequalities, mobility, globalisation, race, community, gender, class and power. Human Geography is a field-based discipline. This major therefore offers opportunities for experiential learning through participating in fieldwork, both nationally and internationally.

### LAND & HERITAGE MANAGEMENT DS

[go.uow.edu.au/bsci-lhmgmt](http://go.uow.edu.au/bsci-lhmgmt)

The UOW Bachelor of Science (Land and Heritage Management) is a prescribed degree designed for students who seek the research and critical thinking skills of both scientists and social scientists. This major address the contemporary questions and challenges of land and heritage management. This specialist degree provides training in the practical skills and creative problem solving of human geographers and environmental scientists to address questions around 'human impact', managing valued landscapes, and the designation of heritage sites.

## Bachelor of Social Science

ATAR	CAMPUS	UAC
70/90 DS	Wollongong	755300/755320 DS
IB	DURATION	STARTS IN
25/33 DS	3yrs	Autumn (February), Spring (July)

DS Dean's Scholar available [go.uow.edu.au/bsocsci-ds](http://go.uow.edu.au/bsocsci-ds)

Social science looks at how and why we live the way we do. Social scientists seek to understand society and social behaviour in order to positively transform the lives of individuals, families, communities and their environments.

## Majors

### HUMAN GEOGRAPHY DS

[go.uow.edu.au/bsocsci-humgeog](http://go.uow.edu.au/bsocsci-humgeog)

Human Geography is a discipline that addresses contested questions of how to live in a rapidly changing world. These questions are centred on sustainability (climate change), social justice and inequality. In this major you will focus on critical thinking and research skills. You will be introduced to various theories to explain climate change, food security, mega-cities, inequalities, mobility, globalisation, race, community, gender, class and power. Human Geography is a field-based discipline. This major therefore offers opportunities for experiential learning through participating in fieldwork, both nationally and internationally.

## Related studies

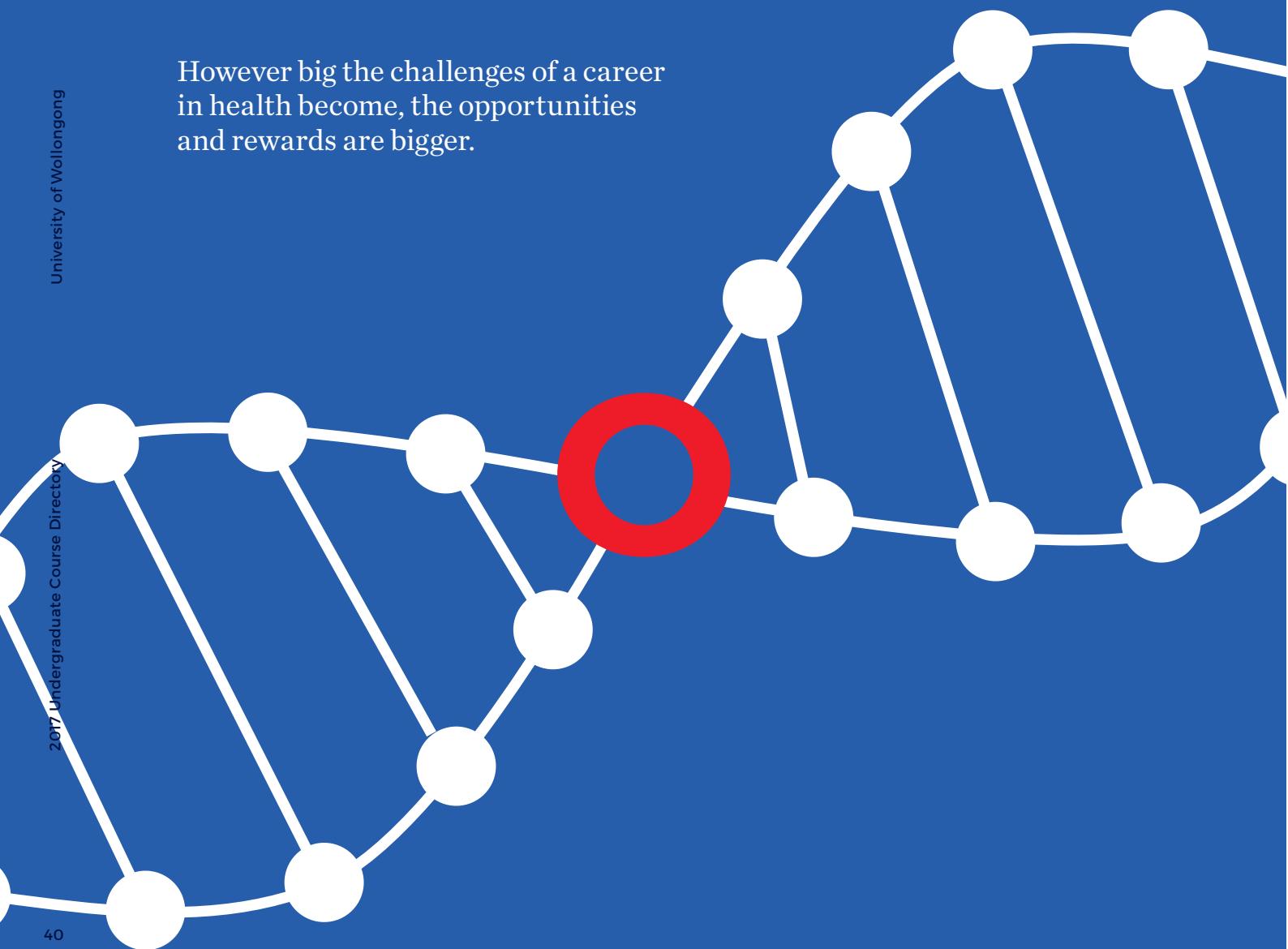
### Bachelor of Science

#### PHYSICAL GEOGRAPHY AND ENVIRONMENTAL GEOSCIENCES

SEE PAGE 74

# Health & Medicine

However big the challenges of a career in health become, the opportunities and rewards are bigger.



## WHY STUDY HEALTH AND MEDICINE

Studying health and medicine puts you on a career path where you can have a direct, positive influence on the wellbeing of others. The skills you will learn are highly transferrable across a range of careers in health and medicine.

Health care has been the primary provider of new jobs within Australia and is projected to make the largest contribution to employment growth from 2015 to 2019. This brings exciting employment opportunities and career options to your specific interests and passions.

Labour Market Information Portal Employment Projections 2015

## WHY STUDY HEALTH AND MEDICINE AT UOW

- Practical placements are built into our industry accredited degrees. Every clinical placement will develop the practical skills you need to become a highly sought-after graduate.
- You'll learn from professional dietitians, nurses, doctors, exercise physiologists, medical scientists, health administrators and researchers.
- Take your learning beyond the textbook. Anatomy class at UOW uses actual human cadavers in the Human Anatomy Laboratory.
- Our Clinical Learning Facilities in Nursing and Medicine have the technology to give you the closest experience to seeing real patients.
- Peak professional bodies accredit our degrees. See individual course descriptions for more detail.

## THE BEST IN NSW/ACT

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as the best university in NSW/ACT for both Medicine and Health Services & Support.

## CAREERS

Medical and health professionals play an important role in improving the wellbeing of populations. UOW's strong links with industry will ensure that you graduate with the skills and attributes that are highly valued by employers in a wide variety of careers.

<ul style="list-style-type: none"> <li>- Biomedical Researcher</li> <li>- Community or Registered Nurse</li> <li>- Counsellor</li> <li>- Dietitian</li> <li>- Doctor</li> <li>- Exercise Scientist/Physiologist</li> <li>- General Practitioner</li> <li>- Health Administrator</li> <li>- Health Promotion Officer</li> <li>- Health Worker</li> </ul>	<ul style="list-style-type: none"> <li>- Industry Health Worker</li> <li>- Laboratory Technician</li> <li>- Nutritionist</li> <li>- Sports Administrator</li> <li>- Psychologist</li> <li>- Rehabilitation Specialist</li> <li>- Sports Rehabilitator</li> <li>- Sports Scientist</li> <li>- Scientific Researcher</li> <li>- Allied Health Professional</li> </ul>
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*I am currently involved in the Simulated Patient Program of the Graduate School of Medicine, and it has been an amazing and valuable experience. I believe the success of the medical program offered by UOW is attributed to the clinical development and communication skills provided by this program. I feel extremely honoured to be contributing to this program, particularly as it directly relates to my ambition to pursue a career in medicine.*



**Mary Ann Hernandez**  
Bachelor of Medical and Health Sciences

**ACCREDITATION FOR HEALTH CAREERS**

Working as a professional practitioner in exercise science, nursing, nutrition and dietetics often requires an accredited qualification. In general, the relevant professional organisations require a minimum of four years of academic study (nursing requires three years) in combination with practical or work experience. Our professional degrees have been accredited by their relevant professional organisations.

Subject to meeting a very high standard of academic performance, students enrolled in the related three-year degrees may be able to transfer to the four-year professional degree or enrol in an accredited postgraduate degree. Permission to transfer is not guaranteed and is highly competitive. Full details of courses offered can be found at [coursefinder.uow.edu.au](http://coursefinder.uow.edu.au)

**INHERENT REQUIREMENTS FOR NURSING DEGREES**

Inherent requirements ensure the academic integrity of a course is maintained and preserves the University's learning, assessment and accreditation processes. They must be met by all students. For more information on the Inherent Requirements of our Nursing programs, please see the UOW Inherent Requirements website [go.uow.edu.au/nursing-requirements](http://go.uow.edu.au/nursing-requirements)

**DEAN'S SCHOLAR DEGREES**

Dean's Scholar programs are for high achieving students, in recognition of their meritorious performance. As a Dean's Scholar, you will be invited to participate in networking, enrichment and mentoring opportunities that will give you a valuable edge when entering the job market.

**Bachelor of Exercise Science****go.uow.edu.au/bexsci**

ATAR	CAMPUS	UAC
78	Wollongong	757642
IB	DURATION	STARTS IN
28	3yrs	Autumn (February)

**ACCREDITATION**

Graduates of the Bachelor of Exercise Science are eligible to register for accreditation as Exercise Physiologists with Exercise and Sports Science Australia (ESSA).

Exercise scientists look at the effect of exercise on human performance. They design, implement and evaluate exercise and physical activity for healthy people. They provide programs for improving general health, the prevention of chronic diseases, health promotion and enhanced sports performance.

You will study anatomy, physiology, exercise physiology, exercise prescription and biomechanics. You will gain 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.

**Bachelor of Exercise Science and Rehabilitation****go.uow.edu.au/bexscreh**

ATAR	CAMPUS	UAC
94	Wollongong	757643
IB	DURATION	STARTS IN
36	4yrs	Autumn (February)

**ACCREDITATION**

Graduates of the Bachelor of Exercise Science & Rehabilitation are eligible to register for accreditation as Exercise Physiologists with Exercise and Sports Science Australia (ESSA).

Exercise rehabilitation is specifically concerned with restoring good health and physical capability to people after illness or injury, or improving quality of life and managing physical function in people with chronic disease and physical disabilities. Accredited exercise physiologists are allied health professionals who specialise in the delivery of exercise for the prevention and management of chronic diseases and injuries. You will study anatomy, physiology, exercise physiology, exercise prescription and biomechanics. Your scientific training will improve your skills in data gathering and analysis, systems integration and, most importantly, understanding the fundamental processes behind both healthy and unhealthy human bodies. This scientific foundation will enable you to adapt to a variety of situations in the workplace.

**Bachelor of Health Science (Indigenous Health)****go.uow.edu.au/bhsih**

ATAR	CAMPUS	UAC
70	Wollongong	756632
IB	DURATION	STARTS IN
25	3yrs	Autumn (February), Spring (July)

Aboriginal and Torres Strait Islander people face a unique set of personal and community health issues. Professionals working in this field require a broad set of skills and knowledge to deliver effective, responsive and compassionate health care.

The degree includes the following subjects, Effective Communication in Health Care Relationships, Functional Structures in Indigenous Communities, Cultural Competence in Health Care Practice, Current Services in Indigenous Health, Indigenous Community Development: Environmental Health Issues, Indigenous Community Development: Health Promotion, Indigenous Community Development: Social & Emotional Wellbeing.

You can also elect to study subjects such as Introduction to Indigenous Australia, Critical Themes in Indigenous Studies, and Indigenous Peoples and Decolonisation: Global Perspectives.

## Bachelor of Medical and Health Sciences

### go.uow.edu.au/bmhs

ATAR	CAMPUS	UAC
82/93 Hons DS	Wollongong	757630/757631 Hons DS
IB	DURATION	STARTS IN
30/35 Hons DS	3yrs/4yrs Hons DS	Autumn (February)
<b>HDS</b> Honours Dean's Scholar option available		

### go.uow.edu.au/bmhs-hon-ds

Medical and health scientists play an important role working alongside other health professionals within the medical research and clinical health fields in both private industry and hospital settings. Using the scientific bases of human structure, function and health, medical and health scientists are involved in the development of therapies, treatments and health services.

In your first year you will cover Human Biology, Physiology, Biochemistry and Anatomy. After studying the core science subjects, you'll have the chance to customise your program of study with elective subjects that include Pathophysiology, Pharmacology, Histology, Exercise and Cardio-respiratory Physiology, Genetics, Molecular Biology, and specialised areas within chemistry, anatomy, bioethics and public health.

Honours (Dean's Scholar) students will develop an understanding of and demonstrate practical applications of medical research via a core stream of research methodology subjects as well as the final year Honours subject.

## Bachelor of Nursing

### go.uow.edu.au/bnurs

ATAR	CAMPUS	UAC
70/80 Adv	Wollongong	757101/757110 Adv
70/80 Adv	Batemans Bay	757105/757114 Adv
70/80 Adv	Bega	757102/757111 Adv
70/80 Adv	Shoalhaven	757103/757112 Adv
70/80 Adv	Southern Sydney	757104/757113 Adv
IB	DURATION	STARTS IN
25/29 Adv	FULL-TIME ONLY 3yrs/4yrs Adv	Autumn (February)

### ACCREDITATION

You will be eligible to apply to register with the Australian Health Practitioner Regulation Agency (AHPRA) through the Nursing and Midwifery Board of Australia (NMBA). Registration with AHPRA will require an IELTS score of 7 with a minimum score of 7 in all four test categories: Reading, Writing, Speaking, and Listening. Results must have been obtained no more than 2 years prior to applying for registration.

**A** Advanced option available [go.uow.edu.au/bnurs-adv](http://go.uow.edu.au/bnurs-adv)

Nursing is one of the cornerstones of the health care system and nurses play an important role in health promotion and prevention strategies, and in care of people with episodic, chronic and complex care. Nurses are integral in the treatment of individuals, families, communities and populations. This is a privileged position and carries with it significant responsibility.

This degree is a blend of art and science, which includes biosciences, social and behavioural sciences; effective interpersonal and group communication skills; and skills in effective and collaborative ways of working. There are four main areas of study:

- Acute care: in nursing; this is caring for people who are experiencing a distinct episode of illness.
- Aged care: in order to meet the needs of older people we emphasise healthy ageing, as well as chronic and continuing care.
- Community and primary care: working in practices, clinics and in people's homes alongside nurses and other health professionals.
- Mental health: conditions can occur in any setting (hospital or community) with any patient cohort with unique challenges across the life span.

During the course you will attend 21 weeks (29 for the Advanced degree) of off-campus workplace experience in hospitals, clinics, aged care facilities and health services. This will allow you to care for patients and clients, putting into place what you have learned in lectures, tutorials, workshops and simulations.

Please note the Inherent Requirements for Nursing degrees. See page 42.

## Bachelor of Nursing (Conversion)

### go.uow.edu.au/bnurs-conv

ATAR	CAMPUS	UAC
NA	Wollongong	NA
DURATION		STARTS IN
1yr full-time or part-time equivalent.		Autumn (February), Spring (July)
(The duration of the degree is dependent upon entry qualifications.)		

Applicants must be a Registered Nurse to enrol in this course, must be eligible for registration in Australia, and have obtained their initial qualification after 1972.

This degree provides hospital trained nurses with the opportunity to upgrade their qualifications to a Bachelor degree level. During this degree you will evaluate and apply concepts drawn from nursing theory and research to professional practice. You will be able to demonstrate an increased awareness of the effects of cultural, social, economic, legal and ethical influences on the development of the nursing profession. You will also develop the skills that enable health professionals to accept responsibility for a more complex level of client management. This course does not lead to registration as a nurse in Australia; see the previous nursing courses if you are seeking registration.

Please note the Inherent Requirements for Nursing degrees. See page 42.

## Bachelor of Nutrition & Dietetics (Honours)

### go.uow.edu.au/bnutdiet

ATAR	CAMPUS	UAC
93	Wollongong	757647
IB	DURATION	STARTS IN
35	4yrs	Autumn (February)

### ACCREDITATION

Graduates are eligible for the credentials of Accredited Practising Dietitian (APD) with the Dietitians Association of Australia (DAA).

Nutrition is the science of how the foods we eat affect our health. Nutritionists are scientists who attain, maintain and promote health of the public through nutrition research, communication of nutrition information or public health forums.

Dietitians are specialist nutritionists who, in addition to these research and public health roles, are accredited to work with individuals and groups to help improve their health outcomes and quality of life. This occurs in settings such as the community, hospitals, private practice, research and food service.

The Bachelor of Nutrition and Dietetics (Honours) provides you with rigorous training in nutrition science and an introduction to professional practice. You will undertake clinical experience in general and specialist hospitals in local, regional and rural areas, as well as in a variety of community and industry settings.

The degree includes a fourth-year Honours thesis, including research in practice.

## A Bachelor of Nutrition Science

[go.uow.edu.au/bnutsci](http://go.uow.edu.au/bnutsci)

ATAR	CAMPUS	UAC
78	Wollongong	757645
IB	DURATION	STARTS IN
28	3yrs	Autumn (February)

### C ACCREDITATION

Graduates of this degree are eligible for Associate Membership of the Dietitians Association of Australia (DAA). With further work experience you can qualify to be placed on a register of nutritionists kept by the Nutrition Society of Australia.

**G** Nutritionists are scientists who attain, maintain and promote the health of the public through nutrition research, communication of nutrition information, or public health forums.

**H** In this course you will study the building blocks of nutrition: biochemistry, dietetics, food services and physiology. You will explore the role of nutrients in the regulation of enzymes and metabolic pathways through to food sources of nutrients and food production. You will also consider nutrition education in the community, including the effects of food and nutrition policy on health.

**L** The program is designed to meet the prerequisite requirements for admission into the Master of Nutrition and Dietetics, which is required to be eligible for the credential of Accredited Practising Dietitian.

## Pre-medical studies

### B Bachelor of Pre-Medicine, Science and Health

[go.uow.edu.au/bpremedscihlth](http://go.uow.edu.au/bpremedscihlth)

ATAR	CAMPUS	UAC
95	Wollongong	757500
IB	DURATION	STARTS IN
37	3yrs	Autumn (February)

Pre-medical studies build a foundation for your entry into a medical school to undertake further study in preparation for a career as a doctor or surgeon, or further study enabling you to pursue a career in a profession such as dentistry, podiatry or veterinary studies.

Unique to the course is a Foundations for Graduate Australian Medical School Admissions Test (GAMSAT) subject in the first year. This subject will explore core content for medical school entry including academic literacy, critical thinking skills and an understanding of what it takes to be a successful health practitioner. It provides an excellent understanding of, and preparation for, the GAMSAT exam, which is required for entry into many medical schools, including UOW.

From your first year, extracurricular activities outside of the classroom are vital to demonstrate your leadership, dedication and cooperation.

In your first year you will study foundational anatomy, biology, chemistry, exercise physiology and effective communication in healthcare settings.

In year two, under the guidance of the course coordinator, you can tailor your interests by selecting one of the following specialisations:

- Biomedical Research
- Exercise Science
- Health Informatics
- Health Practice
- Medical Radiation Physics
- Medical Science
- Molecular Medicine
- Nutrition

In year three, a capstone subject examines case studies across six topics in the same case-based learning format used by graduate medical school.

## Related studies

### B Bachelor of Health and Physical Education

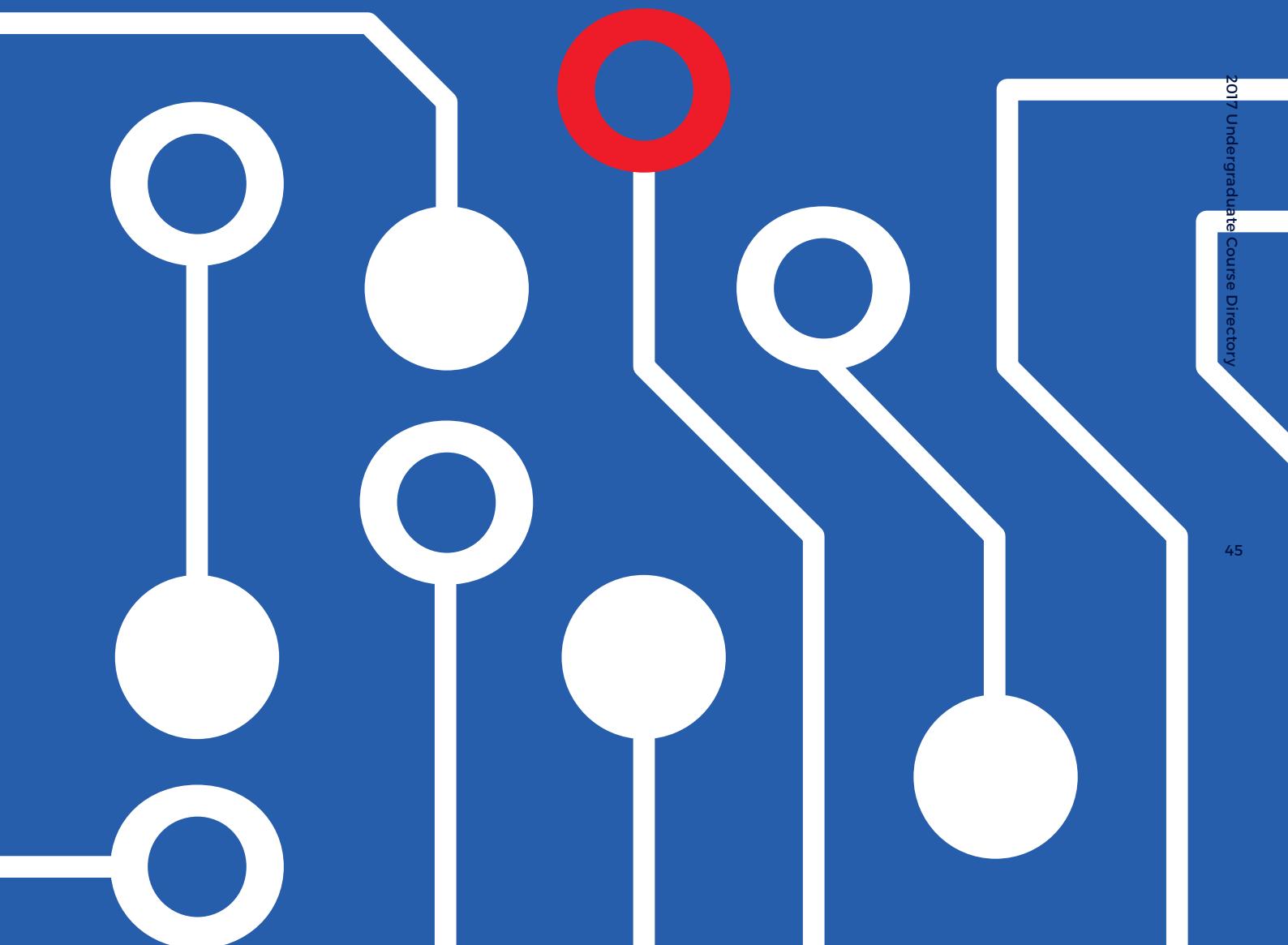
[SEE PAGE 30](#)

### B Bachelor of Public Health Nutrition

[SEE PAGE 70](#)

# Information and Communication Technology

Digital disruption is changing the way we work, learn, interact and behave.



## WHY STUDY ICT

It is estimated that by 2035 almost half the jobs that exist today will disappear and an extra 100,000 ICT workers will be needed in Australia by the end of the decade.

Information and Communication Technology (ICT) underpins everything we do in today's digital world. Every industry, from creative and finance, to healthcare, agriculture and transport is transforming and creating demand for ICT talent. When you study computer science, information technology and information systems you are building core skills that will help you thrive in tomorrow's economy.

## WHY STUDY ICT AT UOW

- All of our ICT undergraduate courses have professional accreditation with the Australian Computer Society.
- A common first year lets you experience all study areas before specialising.
- Your final year team project will be showcased at the annual Trade Show.
- Many of our ICT students secure employment well before graduation, earning high salaries.
- You will have international opportunities where you can complete work experience and study at our partner institutions overseas.
- Get involved in ground breaking humanitarian and environmental projects such as PetaJakarta and the Sustainable Building Research Centre.
- If you are entrepreneurially minded, our strong connections with iAccelerate can help you put your ideas into action.
- UOW is committed to supporting females to study ICT through special initiatives such as the Women in Engineering and Information Sciences Scholarship.
- Receive strong support from the Women in STEM (Science, Technology, Engineering and Mathematics) Student Society.

## THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as the best university in Australia for Computing & Information Systems.

UOW also ranked in the top 200 universities in the world for Engineering and Technology in the QS World University Rankings by Subject 2015.

## CAREERS

ICT professionals work across all fields and industries. Some of the more common roles are listed below. UOW can prepare you for these roles, as well as ones that don't exist yet. As a future-proof ICT graduate you have the potential to shape the world.

<ul style="list-style-type: none"> <li>- Analyst</li> <li>- Animator</li> <li>- Computer or Software Engineer</li> <li>- Database Administrator</li> <li>- Electronics Engineer</li> <li>- Games or App Developer</li> </ul>	<ul style="list-style-type: none"> <li>- Investment Banker</li> <li>- IT Consultant</li> <li>- Network Architect or Engineer</li> <li>- Programmer</li> <li>- Security Engineer</li> <li>- Web Designer or Developer</li> </ul>
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*During my final year at UOW I went on a 12-week internship at Facebook's Menlo Park campus in California, USA. This all led to a full-time job offer! The campus at UOW—with its big open, natural spaces—is what sets it apart from other universities. It's something these big IT companies try and do too, because that's where people prefer to work. That's where you can do your best work.”*



**Sam Dunster**

Bachelor of Computer Science  
(Mobile Computing) 2014  
Production Engineer, Facebook,  
California, USA

## Bachelor of Business Information Systems

### [go.uow.edu.au/bbis](http://go.uow.edu.au/bbis)

ATAR	CAMPUS	UAC
75/95 DS	Wollongong	754500/754510 DS
IB	DURATION	STARTS IN
27/37 DS	3yrs	Autumn (February), Spring (July)

#### ACCREDITATION

The Bachelor of Business Information Systems is accredited by the Australian Computer Society as meeting requirements for membership at the "Professional" level.

**DS** Dean's Scholar available [go.uow.edu.au/bbis-ds](http://go.uow.edu.au/bbis-ds)

Business information specialists are trained to analyse business problems and find possible IT solutions for these problems. This ranges from running an efficiency audit on a company's information systems through to analysing the effectiveness of a file management system and designing business software applications.

This course is specifically designed to prepare you for a career as a systems analyst or an information systems specialist. As well as having the capability of working in a business environment, graduates can work for government or non-profit organisations.

You will also study key commerce subjects such as accounting and management.

## Bachelor of Computer Science

### ATAR

### CAMPUS

### UAC

75/95 DS	Wollongong	754100/754110 DS
IB	DURATION	STARTS IN
27/37 DS	3yrs	Autumn (February), Spring (July)

#### ACCREDITATION

The Bachelor of Computer Science is accredited by the Australian Computer Society as meeting requirements for membership at the "Professional" level.

**DS** Dean's Scholar available [go.uow.edu.au/bcompsci-ds](http://go.uow.edu.au/bcompsci-ds)

Computer scientists focus on the theoretical foundations and practical approaches to computation and its applications. They design methods and tools and write programs for computer applications. These applications can be in areas such as computer systems to control machinery, information management and big data, applications for mobile devices, stock market trend analysis, game design, visualisation of chemical reactions, neural network design, computational geometry for robot navigation, patient monitoring in hospitals, and much more.

You will be able to choose your major in your second year after studying a common core of subjects that links our computer science, IT and information systems degrees. Find your strengths and interests as you study the fundamentals of computer science and IT: programming, problem solving, network and communications, web technology, data management, system analysis, human-computer interaction, and project management. You'll also complete a final-year capstone team project.

## Majors

### **BIG DATA** DS

#### [go.uow.edu.au/bcompsci-bigdata](http://go.uow.edu.au/bcompsci-bigdata)

Big Data can solve problems in science, society and business including population growth, transport, security, medical technology, trade and commerce. All sectors will have a demand for creative people with a background in quantitative analysis who can look for strategic insights in massive data sets, using techniques in data mining, data visualisation, data analysis, data manipulation and data discovery. You will study subjects in data mining, big data management, database performance tuning, distributed systems and cloud computing. Learn to evaluate both structured and messy big data sets using the '4 Vs': Volume, Velocity, Variety, and Veracity.

### **CYBER SECURITY** DS

#### [go.uow.edu.au/bcompsci-cybersec](http://go.uow.edu.au/bcompsci-cybersec)

Cyber Security has been identified as one of the strategic priorities in Australia to meet the demands of law enforcement, national and state governments, defence, security and finance industries. Jobs of the future will be in all of these areas ensuring there is national capability to maintain and build our essential services and stop them from being disrupted, destroyed, or threatened, and that our personal information is not communicated, shared, visualised or analysed without our permission.

### **DIGITAL SYSTEMS SECURITY** DS

#### [go.uow.edu.au/bcompsci-digsysssec](http://go.uow.edu.au/bcompsci-digsysssec)

Information and cyber security is becoming increasingly important for everyday life: we want technology to protect our digital information such as IDs, assets and data security, and to secure email and online privacy for individuals, homes, families and offices.

The Digital Systems Security major focuses on the theoretical and practical applications of information and digital security across

a range of subjects: operating systems security such as physical security, file and data protection, distributed systems and systems architecture, cryptography and its secure applications, and network and telecommunications security. You will study the theoretical and practical applications of information and digital security across a range of subjects: operating systems security such as physical security, file and data protection, distributed systems and systems architecture, cryptography and its secure applications, and network and telecommunications security.

### **GAME AND MOBILE DEVELOPMENT\*** DS

#### [go.uow.edu.au/bcompsci-gammobdev](http://go.uow.edu.au/bcompsci-gammobdev)

The Game and Mobile Development major has been designed to meet the current global demand for skilled graduates in the areas of game and multimedia system development. This major will equip you with skills to apply techniques to the development of video games and related systems on computers and mobile platforms, including devices such as mobile phones, tablets and wearable devices. You will be able to identify approaches to solving real-world problems in video games and multimedia systems. In addition, you will develop both traditional computer science skills as well as creative skills including visualisation, interaction and communication skills. Experts in this field work in the entertainment industry, the game and mobile industry in Australia and worldwide as mobile application developers, game programmers, animators, game engine developers, mobile entertainment and multimedia designers.

\* New for 2017, subject to final approval.

### **SOFTWARE ENGINEERING** DS

#### [go.uow.edu.au/bcompsci-softeng](http://go.uow.edu.au/bcompsci-softeng)

Software engineering incorporates all aspects of software production from business strategy to design and coding, testing, quality and management of large-scale complex software systems.

You will study a wide range of programming principles and software development methodologies, processes, problem-solving concepts and maintenance for automated systems, as well as software engineering principles and practices to plan, design and develop high quality and complex software systems.

## A Bachelor of Information Technology

ATAR	CAMPUS	UAC
75/95 DS	Wollongong	754300/754310 DS
IB	DURATION	STARTS IN
27/37 DS	3yrs	Autumn (February), Spring (July)

### C ACCREDITATION

The Bachelor of Information Technology is accredited by the Australian Computer Society as meeting requirements for membership at a 'Professional' level.

**DS** Dean's Scholar available [go.uow.edu.au/binfotech-ds](http://go.uow.edu.au/binfotech-ds)

UOW has experts encompassing the entire breadth of the underlying sciences, IT, engineering and mathematical methodologies in the ICT industry. Working closely with industry partners we ensure all programs remain relevant to industry trends and developments. Students study real-world projects and interact with and learn from industry professionals to ensure their job-readiness upon graduation.

The Bachelor of Information Technology provides foundation knowledge of organisational areas in IT, including:

- Database management
- Programming
- Information systems analysis and design
- Communications and networks
- Security
- eBusiness
- Project management
- Web-based technology
- Professional practice in IT.

In your final year you will develop your own application as part of an annual student team project, developing solutions to real-world problems provided by our industry partners.

## Majors

### DIGITAL AND SOCIAL INNOVATION **DS**

[go.uow.edu.au/bit-dsi](http://go.uow.edu.au/bit-dsi)

Businesses and governments from around the world are struggling to develop policies on emergent issues, such as privacy, hacking and computer crime because too few people understand the social impacts of ICT. A major in Digital and Social Innovation provides graduates with an understanding of the underlying social issues associated with the growth of ICT and the web.

### eBUSINESS **DS**

[go.uow.edu.au/bit-ebus](http://go.uow.edu.au/bit-ebus)

Our ability to conduct business online is increasingly an essential feature of any organisation's operations. It helps us to streamline business processes and open new markets for products and services. With eBusiness tools we can better manage internal processes such as financial and administration systems, and improve external processes such as sales and marketing, supplying goods and services, electronic transactions, and developing effective customer relationships. You'll develop an understanding of the organisational environment and a working knowledge of the technologies used successfully in the eBusiness environment.

## NETWORK DESIGN AND MANAGEMENT **DS**

[go.uow.edu.au/bit-netdesmgmt](http://go.uow.edu.au/bit-netdesmgmt)

Every major company in the world now relies on networks to survive. Network designers enable governments and businesses to share data and applications to achieve greater strategic advantage through, for example, the use of social media and cloud computing. Whether it's a multinational company with offices throughout the world or a small start-up business, IT networks provide the means by which people can stay connected with each other and the latest information. Network managers ensure networks operate reliably, so that their performance is appropriate to the organisation's needs, as well as being made secure from external threats.

By studying network design and management you will develop the skills necessary to build or manage networks to support businesses and governments in a competitive global market.

## WEB DESIGN AND DEVELOPMENT **DS**

[go.uow.edu.au/bit-webdesdev](http://go.uow.edu.au/bit-webdesdev)

Web designers and developers create visual architecture for the web using code that is clean, maintainable, user-friendly and responsive to changing business needs and customer requirements.

This course provides you with the technical knowledge to design and develop effective websites and web applications for online shopping, online auctions, employee kiosks, online catalogues or social networks. You'll learn about issues related to usability and accessibility, navigation, site structure and information architecture.

Careers include web developers, web designers, mobile developers, web database administrators and web analysts.

## B Bachelor of Information Technology (International)\*

[go.uow.edu.au/bit-intl](http://go.uow.edu.au/bit-intl)

ATAR	CAMPUS	UAC
85	Wollongong	754320
IB	DURATION	STARTS IN
31	3yrs	Autumn (February), Spring (July)

### ACCREDITATION

The Bachelor of Information Technology (International) will be submitted to the Australian Computer Society to meet requirements for membership at a 'Professional' level.

The Bachelor of Information Technology (International) is designed for students who want to study for a period overseas, at one of UOW's approved partner institutions in Asia. Students have opportunities to work on team projects in Asia with global companies, such as IBM, Dell and Google. The degree has the same majors as the Bachelor of Information Technology.

\* New for 2017, subject to final approval.

# International Studies

Analyse and explore national and global issues, debate key developments and their impact on the modern world.

University of Wollongong

2017 Undergraduate Course Directory

## WHY STUDY INTERNATIONAL STUDIES

You'll be connected with a changing world: the rise of social media, fluctuations in the economy, a shifting climate and revolutions in how we work and play. The skills you'll gain in international relations, global development, sustainability and global media can take you to all corners of the globe.

## WHY STUDY INTERNATIONAL STUDIES AT UOW

- You'll learn how to apply creativity, critical thinking and effective communication to your work—valuable skills you can apply to any career or field.
- Take part in an international exchange program, internship, or in-country language program through our global network of over 140 partner universities and organisations.
- Our Language Centre provides a world-class learning experience, using the latest learning techniques with teaching grounded in the relevant society and culture.
- At UOW you can study for a Diploma in Languages concurrently with any degree. You can choose from Chinese (Mandarin), French, Italian, Japanese or Spanish. Languages can be studied from beginners to advanced level.
- You'll learn from academics who are passionate about what they do, actively engaged in their industry and enthusiastic about sharing what they know.

## THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as the best university in Australia for Humanities, Culture & Social Sciences.

## CAREERS

Many UOW International Studies graduates go on to have careers in foreign affairs and international organisations, and with other businesses that have a focus beyond Australia's borders. Being bilingual or multilingual enhances employability prospects and opens up global career options.

<ul style="list-style-type: none"> <li>- Administration</li> <li>- Aid Work</li> <li>- Diplomat</li> <li>- Foreign Affairs</li> <li>- Government</li> <li>- Human Rights</li> <li>- International Business</li> </ul>	<ul style="list-style-type: none"> <li>- Interpreter</li> <li>- Media</li> <li>- Policy Advisor</li> <li>- Politics</li> <li>- Translator</li> <li>- Travel and Tourism</li> <li>- United Nations</li> </ul>
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“

*The flexibility of the international studies degree at UOW was one of its best aspects. It ensured the degree grew with me as I progressed through my studies and gained different interests and ideas. Doing a double degree gave me the opportunity to study overseas twice: once in the Czech Republic and once in Switzerland!"*



**Darren Peterson**

Bachelor of International Studies – Bachelor of Laws Honours  
Graduate Solicitor, Chief Legal Office, ASIC

## Bachelor of International Studies

ATAR	CAMPUS	UAC
75/93 DS	Wollongong	753121/753131 DS
IB	DURATION	STARTS IN
27/35 DS	3yrs	Autumn (February). Spring (July)

**DS** Dean's Scholar available [go.uow.edu.au/bistud-ds](http://go.uow.edu.au/bistud-ds)

The Bachelor of International Studies examines the relationships of politics, society, culture, language and history in a range of countries. You will analyse national and global issues, focusing on the way global forces and interactions increasingly influence domestic politics. As part of the degree, you will also study a language minor, and you can choose from Mandarin, French, Italian, Japanese, Indonesian or Spanish. You will also be encouraged to study abroad or undertake a study tour.

### Majors

#### GLOBAL MEDIA AND COMMUNICATION **DS**

[go.uow.edu.au/bistud-globmedcomm](http://go.uow.edu.au/bistud-globmedcomm)

Global media and communication will have you exploring social justice, interventions and networking, and communicating across cultures. You will develop skills in negotiating cultural difference and diversity, and will be able to produce and interpret media content within a diverse range of local, national and international contexts.

#### GLOBAL SUSTAINABLE DEVELOPMENT **DS**

[go.uow.edu.au/bistud-globsusdev](http://go.uow.edu.au/bistud-globsusdev)

Global sustainable development explores ethical issues surrounding global challenges and the interaction between human and environmental security. Core subjects will teach you the key theories, approaches and practices for promoting human development for the future. You can elect to do subjects that specialise in environmental issues from a range of different disciplinary perspectives or you can focus on issues of development from economic, social and political perspectives.

#### INTERNATIONAL RELATIONS **DS**

[go.uow.edu.au/bistud-intrel](http://go.uow.edu.au/bistud-intrel)

International relations is a vibrant, growing and constantly evolving field that creates a worldwide system of communication. You will undertake core subjects on global politics, international security, negotiation and conflict management, and on the role of the state in the new millennium. You will take part in a model United Nations and can choose from a range of electives covering issues from war and peace, to international law and the global political economy.

## Bachelor of Arts

ATAR	CAMPUS	UAC
70/93 DS	Wollongong	753101/753105 DS
IB	DURATION	STARTS IN
25/35 DS	3yrs	Autumn (February). Spring (July)

**DS** Dean's Scholar available [go.uow.edu.au/barts-ds](http://go.uow.edu.au/barts-ds)

Studying arts and humanities at UOW allows you to tailor a degree specifically to your interests. Our flexible options let you choose the direction your program takes, such as specialising in a political, historical, international or creative discipline. The degree is made up of subjects with origins in the humanities: history, literature, languages and philosophy—and the disciplines of social sciences: cultural studies, sociology and politics.

### Majors

#### FRENCH **DS**

[go.uow.edu.au/barts-fren](http://go.uow.edu.au/barts-fren)

French is a world language. Alongside English, it is the only language spoken on the five continents. At UOW, you will study French language, grammar, culture and history. You can begin your study of the French language from beginner or intermediate level and become proficient in all four skills of speaking, listening, reading and writing. Core subjects will teach you to speak French in social situations as well as learning French history, culture and society.

#### INTERNATIONAL RELATIONS **DS**

[go.uow.edu.au/barts-intrel](http://go.uow.edu.au/barts-intrel)

International relations is a vibrant, growing and constantly evolving discipline designed for students interested in careers in foreign affairs and international organisation, or any organisation that has a focus beyond Australia's borders. Core subjects include how global politics works, how security is envisioned and conflict managed, and the role of the state in the new millennium. Students will partake in a model United Nations (UN), discussing ideas and brainstorming solutions to global challenges as model diplomats, learning not just about the UN, but about negotiation skills and policy development.

#### ITALIAN **DS**

[go.uow.edu.au/barts-ital](http://go.uow.edu.au/barts-ital)

Learning Italian will give you access to one of the richest European cultural traditions and to the language of opera, film and music, as well as the language of architecture, fashion and industrial design. At UOW, you will study Italian language, grammar, culture and history. You can begin your study of the Italian language from beginner or intermediate level and become proficient in all four skills of speaking, listening, reading and writing. Core subjects focus on developing written and spoken language skills that can be used in real-life situations, as well as subjects on Italian history, culture and society.

#### JAPANESE **DS**

[go.uow.edu.au/barts-jap](http://go.uow.edu.au/barts-jap)

The study of Japanese opens up a whole new world of linguistic and cultural experience that offers employment and research opportunities. Programs can be tailored specifically to prepare you with the skills to work both professionally and competently in a language other than English. You'll also have the opportunity to experience Japanese studies firsthand through a period of study abroad in Japan. Core subjects focus on developing spoken and written language skills that can be used in real-life situations, as well as subjects on Japanese history, culture and society.

#### MANDARIN FOR CHARACTER BACKGROUND STUDENTS **DS**

[go.uow.edu.au/barts-char](http://go.uow.edu.au/barts-char)

This degree is for students who already know Chinese characters, but who either speak a Chinese dialect such as Shanghai Chinese, Cantonese or Taiwanese and do not speak Mandarin, or wish to improve their Mandarin skills. You will study Mandarin language, grammar, culture and history; learn Mandarin from the comparative linguistic perspective; and be able to express yourself clearly and accurately in spoken and written Mandarin. UOW's Language Centre uses the latest technologies in language teaching, and authentic and current linguistic and cultural information.

#### MANDARIN FOR NON-CHINESE BACKGROUND STUDENTS **DS**

[go.uow.edu.au/barts-nonchar](http://go.uow.edu.au/barts-nonchar)

This major is for students who have no prior knowledge of the language or of Chinese characters. Core subjects will teach you to speak Mandarin for social situations before moving on to speaking advanced Mandarin, and learning about Chinese heritage, modern Chinese history and contemporary China. Programs can be tailored specifically to prepare you with the skills to work both professionally and competently in a language other than English. The Chinese program at UOW offers you the experience of in-country studies as a component of your degree.

#### SPANISH **DS**

[go.uow.edu.au/barts-span](http://go.uow.edu.au/barts-span)

Spanish is one of the worlds most widely spoken languages. At UOW, you will study Spanish language, grammar, culture and history. You will learn to converse, read and translate Spanish in all real contexts, including the contemporary Spanish work environment. Core subjects focus on developing spoken and written language skills that can be used in real-life situations, as well as subjects on Hispanic history, culture and society.

## Related studies

### Bachelor of Communication & Media Studies

**SEE PAGE 22**

### Diploma in Languages

**SEE PAGE 14**

# Law

A legal education will provide you with a critical and questioning outlook, broad perspectives and skills and knowledge valuable in a diverse range of legal and other careers.



## WHY STUDY LAW

The Australian legal system is based on common law, originally developed in the United Kingdom to promote equality before the law. A legal career, though, is much more than learning about 'law' and legal 'rules'. Whatever profession you choose, you'll need a sound understanding of our legal system and its social and international context, the ability to resolve ethical and complex legal issues and to communicate to a range of audiences.

## WHY STUDY LAW AT UOW

- Gain invaluable practical skills that complement traditional legal study. All UOW law students are required to undertake a compulsory internship as part of their studies. This means you get to apply your legal knowledge to real-life situations. UOW is the only Australian university to provide this experience.
- You have the flexibility to choose from a range of specialisations as well as double degree options.
- We provide interactive seminars in small groups, facilitated by experienced and distinguished academics and legal practitioners. You will also benefit from the expertise of our Judge in Residence, the Hon. Terry Buddin S.C. former Justice of the Supreme Court of NSW.
- You'll be recognised for admission as a lawyer in Australia, subject to completing state-approved Practical Legal Training.
- UOW Law School has several study abroad arrangements with other Law schools in Europe, North America and Asia.

## THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as the best university in Australia for Law & Paralegal Studies.

UOW Law's integrated first-year curriculum and support program was awarded the 2015 Office for Learning and Teaching (OLT) Citation for Outstanding Contributions to Student Learning.

## CAREERS

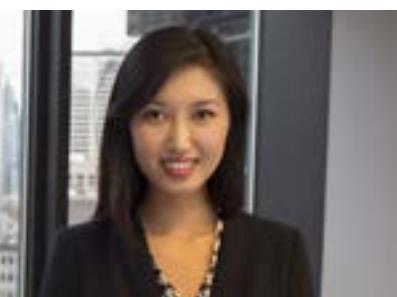
We're passionate about social justice and making a difference; we encourage you to explore your interest areas and help you carve out your own career options. A UOW Law degree can take you anywhere: the destination is up to you.

- Barrister
- Commercial Lawyer
- Criminal Defence Lawyer
- Diplomat
- Environmental Lawyer
- Government Lawyer
- In-House Legal Adviser
- Intellectual Property Lawyer
- Legal Consultant
- Magistrate
- Media Lawyer
- Policy Adviser
- Politician
- Prosecutor
- Research Officer
- Solicitor in Private Practice or a Community Legal Centre

“

*The research and analytical skills I learned through my law degree have been invaluable.*

*Being able to understand the research process and to articulate those findings in a precise and persuasive manner, while at the same time remaining objective, are critical. The flexibility that I found at UOW has helped me get to where I am today.”*



**Anna Zhou**

Bachelor of Laws – Bachelor of Commerce (2011)  
Senior Associate, Debt Capital Market, National Australia Bank

The moment he received the Jack Goldring Memorial Scholarship was the moment Nathan Johnston knew he could help make a difference to the lives of the people for whom he hopes to become an advocate.

“

*I often find that I am most focused on, and the strongest advocate for, social justice issues that I have worked in, probably because I have had an opportunity to speak to those affected by the issue and gain a greater understanding of the nuances of the matter. Helping to close the education gap of Australia's First People, and ensuring the welfare of refugees particularly as they transition into new lives in Australia, are just two of the issues I have worked with that I am passionate about.”*



#### **Nathan Johnston**

Jack Goldring recipient, 2015, Bachelor of Laws (Hons. 1)/Bachelor of Arts (Dist.)

## Bachelor of Laws

[go.uow.edu.au/blaws](http://go.uow.edu.au/blaws)

ATAR	CAMPUS	UAC
90	Wollongong	756100
IB	DURATION	STARTS IN
33	4yrs	Autumn (February)

The Bachelor of Laws delivers a comprehensive and highly practical legal education for an extensive range of legal work. You will cultivate reasoning and critical skills to analyse and articulate appropriate and original responses to often complex matters. You will also learn how to investigate, evaluate and interpret legal research and communicate legal concepts effectively.

This degree is highly practical and focuses on developing your research skills, written and oral communication, negotiation, drafting and advocacy skills and helps align your strengths to specific career paths. We have a range of electives to help you do that, many of which reflect the school's expertise in a range of areas, including ocean law, media law and comparative law.

We are the only law school in Australia which requires you to complete a legal internship (work placement) as part of your degree. This means you get to apply your legal knowledge to real-life situations before you graduate.

The Bachelor of Laws (single degree or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to practise as a lawyer. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

## Bachelor of Laws (Graduates only)

[go.uow.edu.au/blaws-grad](http://go.uow.edu.au/blaws-grad)

ATAR	CAMPUS	UAC
NA	Wollongong	756101
IB	DURATION	STARTS IN
NA	3yrs	Autumn (February)

The Graduate entry Law degree is available only to graduates of disciplines other than law. This degree is a three-year program consisting entirely of compulsory and elective law subjects.

# Double Degrees

We also offer a diverse range of Bachelor of Laws double degrees, which allow you to complete two separate Bachelor degrees simultaneously, in less time than if you studied them one after the other. Double degrees are very well suited if you want the broadest possible career options, or if you want the blend of skills necessary for certain niche careers. They also let you pursue interests so diverse it would be impossible to study them in any single degree.

Law is commonly taken as a double degree.

For specific information on each of the below double degrees, please refer to the relevant single-degree course descriptions found in this guide.

## Bachelor of Arts – Bachelor of Laws

### [go.uow.edu.au/barts-blaws](http://go.uow.edu.au/barts-blaws)

ATAR	CAMPUS	UAC
90	Wollongong	751201
IB	DURATION	STARTS IN
33	5yrs	Autumn (February)

For more information about the Bachelor of Arts, see page 12.

## Bachelor of Arts (Psychology) – Bachelor of Laws

### [go.uow.edu.au/barts-psych-blaws](http://go.uow.edu.au/barts-psych-blaws)

ATAR	CAMPUS	UAC
90	Wollongong	751200
IB	DURATION	STARTS IN
33	5yrs	Autumn (February)

For more information about the Bachelor of Arts (Psychology), see page 66.

## Bachelor of Commerce - Bachelor of Laws

### [go.uow.edu.au/bcomm-blaws](http://go.uow.edu.au/bcomm-blaws)

ATAR	CAMPUS	UAC
90	Wollongong	751202
IB	DURATION	STARTS IN
33	5yrs	Autumn (February)

For more information about the Bachelor of Commerce, see page 17.

## Bachelor of Communication & Media Studies – Bachelor of Laws

### [go.uow.edu.au/bcms-blaws](http://go.uow.edu.au/bcms-blaws)

ATAR	CAMPUS	UAC
90	Wollongong	751210
IB	DURATION	STARTS IN
33	5yrs	Autumn (February)

For more information about the Bachelor of Communication and Media Studies, see page 22.

## Bachelor of Computer Science – Bachelor of Laws

### [go.uow.edu.au/bcompsci-blaws](http://go.uow.edu.au/bcompsci-blaws)

ATAR	CAMPUS	UAC
90	Wollongong	751203
IB	DURATION	STARTS IN
33	6yrs	Autumn (February)

For more information about the Bachelor of Computer Science, see page 47.

## Bachelor of Creative Arts – Bachelor of Laws

### [go.uow.edu.au/bca-blaws](http://go.uow.edu.au/bca-blaws)

ATAR	CAMPUS	UAC
90	Wollongong	751204
IB	DURATION	STARTS IN
33	5yrs	Autumn (February)

For more information about the Bachelor of Creative Arts, see page 25.

## Bachelor of Economics & Finance – Bachelor of Laws

### [go.uow.edu.au/beconfin-blaws](http://go.uow.edu.au/beconfin-blaws)

ATAR	CAMPUS	UAC
90	Wollongong	751216
IB	DURATION	STARTS IN
33	5yrs	Autumn (February)

For more information about the Bachelor of Economics and Finance, see page 18.

## Bachelor of Engineering (Honours) – Bachelor of Laws

### [go.uow.edu.au/beng-blaws](http://go.uow.edu.au/beng-blaws)

ATAR	CAMPUS	UAC
90	Wollongong	751208
IB	DURATION	STARTS IN
33	6yrs	Autumn (February)

For more information about the Bachelor of Engineering (Honours), see page 34.

## Bachelor of Information Technology – Bachelor of Laws

### [go.uow.edu.au/binfotech-blaws](http://go.uow.edu.au/binfotech-blaws)

ATAR	CAMPUS	UAC
90	Wollongong	751213
IB	DURATION	STARTS IN
33	5yrs	Autumn (February)

For more information about the Bachelor of Information Technology, see page 48.

## Bachelor of International Studies – Bachelor of Laws

### [go.uow.edu.au/bistud-blaws](http://go.uow.edu.au/bistud-blaws)

ATAR	CAMPUS	UAC
90	Wollongong	751212
IB	DURATION	STARTS IN
33	5yrs	Autumn (February)

For more information about the Bachelor of International Studies, see page 51.

## Bachelor of Journalism – Bachelor of Laws

### [go.uow.edu.au/bjour-blaws](http://go.uow.edu.au/bjour-blaws)

ATAR	CAMPUS	UAC
90	Wollongong	751211
IB	DURATION	STARTS IN
33	5yrs	Autumn (February)

For more information about the Bachelor of Journalism, see page 22.

**A Bachelor of Psychological  
Science – Bachelor of Laws**

**B [go.uow.edu.au/bpsychsci-blaws](http://go.uow.edu.au/bpsychsci-blaws)**

ATAR	CAMPUS	UAC
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90	Wollongong	751215
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C IB	DURATION	STARTS IN
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33	5yrs	Autumn (February)
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For more information about the Bachelor of Psychological Science,  
see page 66.

**C Bachelor of Mathematics – Bachelor of Laws**

**D [go.uow.edu.au/bmath-blaws](http://go.uow.edu.au/bmath-blaws)**

ATAR	CAMPUS	UAC
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90	Wollongong	751206
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E IB	DURATION	STARTS IN
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33	5.5yrs	Autumn (February)
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For more information about the Bachelor of Mathematics, see page 59.

**F Bachelor of Science – Bachelor of Laws**

**G [go.uow.edu.au/bsci-blaws](http://go.uow.edu.au/bsci-blaws)**

**H M ATAR CAMPUS UAC**

90	Wollongong	751207
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P IB	DURATION	STARTS IN
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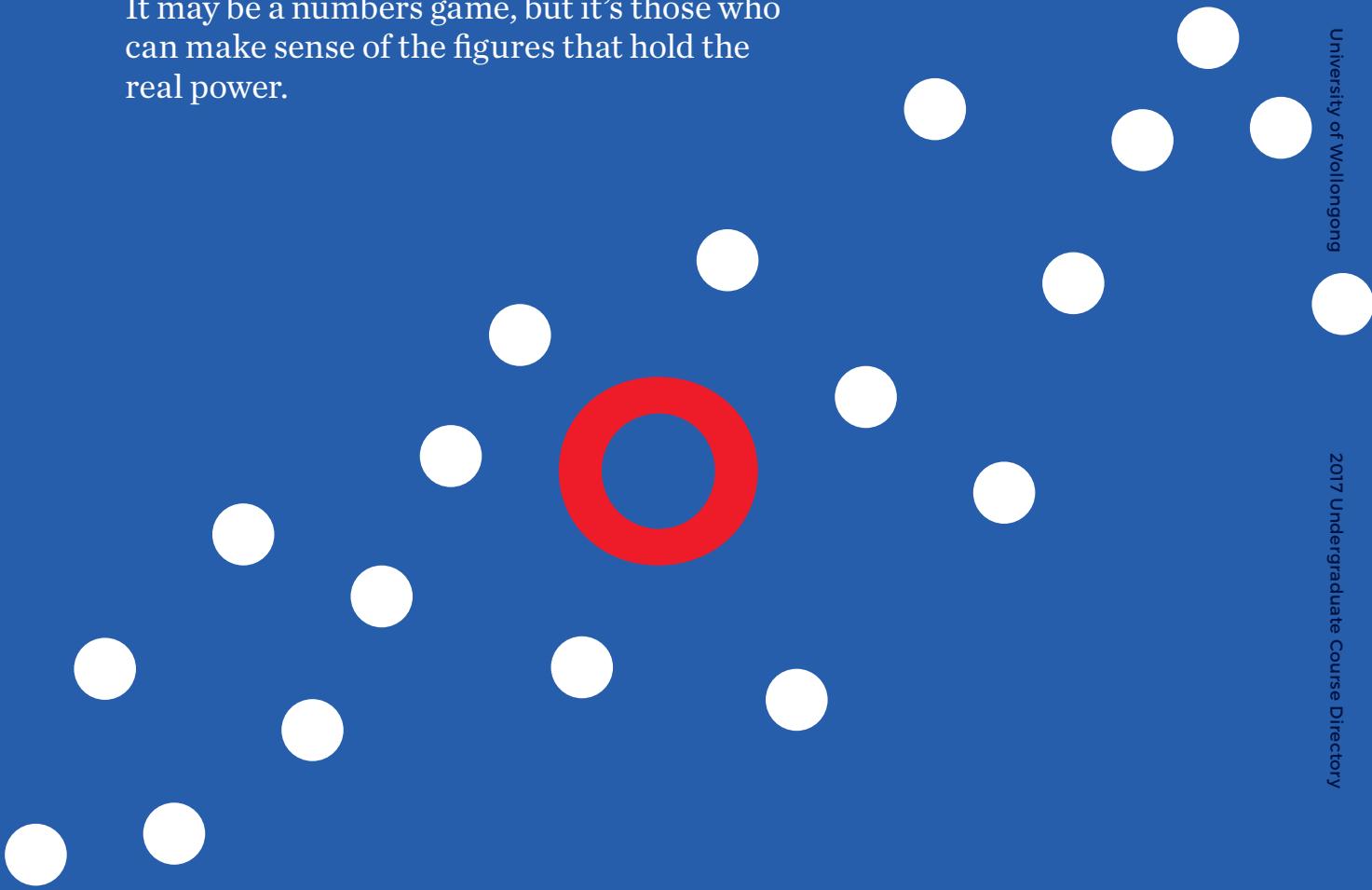
33	5yrs	Autumn (February)
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For more information about the Bachelor of Science, see page 74/75.

**S**

# Mathematics and Statistics

It may be a numbers game, but it's those who can make sense of the figures that hold the real power.



## WHY STUDY MATHEMATICS AND STATISTICS

Mathematics and statistics are the basis for successful decision making and problem solving in every industry. When we examine financial, health, social, biological, agricultural and bioinformatics data, we can develop mathematical methods, which help us to create policies and business models that drive innovation and planning for the future.

## WHY STUDY MATHEMATICS AND STATISTICS AT UOW

- You'll gain problem-solving, critical thinking and analytical skills that are in demand across all government and private sectors in countries right around the world.
- High achieving students receive financial rewards as well as accelerated and more independent learning opportunities.
- The Excellence in Research for Australia rankings classifies the UOW School of Mathematics and Applied Statistics 'above world standard', and our staff have won national awards for their teaching excellence.
- Receive strong support from the Women in STEM (Science, Technology, Engineering and Mathematics) Student Society.
- You can apply for scholarships from industry partners such as Tibra, join an undergraduate research project with academic staff, access programs from the Australian Mathematical Sciences Institute (AMSI), and complete inter-university courses via our Access Grid Room.

## ONE OF THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as the best university in NSW/ACT for Science & Mathematics.

## CAREERS

Just about every industry depends at some point on handling and interpreting data, and on predicting and modelling outcomes. With skills that are widely applicable and easily transferable, studying mathematics and statistics is a passport to work anywhere around the world.

<ul style="list-style-type: none"> <li>- Accountant</li> <li>- Analyst</li> <li>- Banking Associate</li> <li>- Business Forecaster</li> <li>- Financial Analyst</li> <li>- Investment Analyst</li> <li>- Mathematic Modeller</li> <li>- Mathematics Teacher</li> </ul>	<ul style="list-style-type: none"> <li>- Meteorologists</li> <li>- Quantitative Trader</li> <li>- Risk Manager</li> <li>- Statistician</li> <li>- Stockbroker</li> <li>- Transport Analyst</li> <li>- Transport Modeller</li> </ul>
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“

*I really like how straightforward maths is: at its heart, there's one right answer. Like a lot of kids, though, I don't think I knew what you could do with it in high school. I was lucky that in my economics classes I got to see how it could be applied. It gives you something more to think about, being able to see how it works in the world.”*



**Audi Li**

Bachelor of Mathematics and Finance  
(Deans Scholar)

## Bachelor of Mathematics

ATAR	CAMPUS	UAC
75/95 Adv	Wollongong	756511/756512 Adv
IB	DURATION	STARTS IN
27/37 Adv	3yrs/4yrs Adv	Autumn (February). Spring (July)

**A** Advanced option available [go.uow.edu.au/bmath-adv](http://go.uow.edu.au/bmath-adv)

The Bachelor of Mathematics degree teaches highly transferable skills in problem-solving, data analysis, probability and variability, mathematical modelling, logistics, and logic. The degree is flexible, so you can take up to one-third of your subjects from other disciplines to expand your career options.

## Majors

### APPLIED STATISTICS **A**

[go.uow.edu.au/bmath-appstat](http://go.uow.edu.au/bmath-appstat)

A major in Applied Statistics equips you with the essential skills and knowledge of a professional statistician: logic, problem-solving, mathematical and statistical modelling, experimental design, and the ability to organise, analyse and interpret large amounts of data. You will study subjects including estimation and hypothesis testing, applied probability and financial risk, linear and generalised models, statistical inference, and sample surveys and experimental design.

### MATHEMATICS **A**

[go.uow.edu.au/bmath](http://go.uow.edu.au/bmath)

The Mathematics major gives you quantitative skills that are in demand across all industries and serves as an initial preparation for employment as a professional mathematician. You will study subjects in applied mathematics, pure mathematics, and statistics.

### MATHEMATICS & STATISTICS **A**

[go.uow.edu.au/bmath-mathstat](http://go.uow.edu.au/bmath-mathstat)

The mathematics subjects in applied mathematics, pure mathematics, and statistics will give you quantitative skills that are in demand across all industries and serve as an initial preparation for employment as a professional mathematician.

You will also study subjects in applied statistics, such as estimation and hypothesis testing, applied probability and financial risk, linear models, statistical inference, and sample surveys and experimental design. You will gain the essential skills and knowledge of a professional statistician: logic, problem-solving, mathematical modelling, experimental design and the ability to manipulate, analyse and interpret large amounts of data, which are in demand across all government and private sectors.

## Bachelor of Mathematics and Finance (Honours)

ATAR	CAMPUS	UAC
85/95 DS	Wollongong	756503/756520 DS
IB	DURATION	STARTS IN
31/37 DS	4yrs	Autumn (February). Spring (July)

**DS** Dean's Scholar available [go.uow.edu.au/bmathfin-ds](http://go.uow.edu.au/bmathfin-ds)

Bankers, investment managers, insurance companies and financial companies all rely on financial mathematics to survive and stay ahead of the competition.

The Bachelor of Mathematics and Finance (Honours) teaches you the skills to apply sophisticated mathematical and statistical techniques to real-world problems. You are also encouraged to develop computing and communication skills, which are assets in the job market.

Maths and Finance graduates work in all areas of industry and government as risk managers, investment advisers, traders, financial analysts and more.

All students complete a Mathematics and Finance Honours Project.

## Majors

### FINANCIAL PLANNING **DS**

[go.uow.edu.au/bmathfin-finplan](http://go.uow.edu.au/bmathfin-finplan)

Financial planning is the design of specific financial outcomes that meet a client's unique needs and objectives, given their financial resources and risk profile. Its broad approach is to fulfil clients' total needs, incorporating investment planning, taxation and social services planning, retirement planning, risk planning and estate planning.

The areas of service provision are very wide and include investment and asset portfolio construction and advice, superannuation, retirement and estate planning and associated services.

Subjects you'll study include investment analysis, advanced corporate finance, retirement and estate planning, taxation for financial planners, risk and insurance, and advanced financial planning.

### MATHEMATICAL ECONOMICS **DS**

[go.uow.edu.au/bmathfin-mathecon](http://go.uow.edu.au/bmathfin-mathecon)

Mathematical economics allows us to use mathematical principles and formulae to analyse problems in the economy. It enables us to conduct quantifiable tests and create models to predict future economic activity and economic behaviour.

Subjects you'll study include macroeconomic theory and policy, microeconomic theory and policy, estimation and hypothesis testing, financial modelling, and advanced econometrics.

### QUANTITATIVE AND COMPUTATIONAL TRADING **DS**

[go.uow.edu.au/bmathfin-quancomprtrad](http://go.uow.edu.au/bmathfin-quancomprtrad)

Quantitative and computational trading is a specific area of quantitative analysis that uses mathematical computations to identify financial trading opportunities. This includes the use of algorithmic trading to drive trading decisions, usually in electronic financial markets.

Subjects you will study include investment analysis, object and generic programming in C++, estimation and hypothesis testing, portfolio analysis, advanced corporate finance, applied probability and financial risk, financial economics, and data mining and knowledge discovery.

### QUANTITATIVE CORPORATE FINANCE AND INVESTMENTS **DS**

[go.uow.edu.au/bmathfin-quancorfininv](http://go.uow.edu.au/bmathfin-quancorfininv)

Quantitative corporate finance and investment looks at the funding source and the capital structure of corporations. It examines tools and analysis used in corporate and business financial decision-making from a quantitative perspective.

Subjects you'll study include investment analysis, portfolio analysis, financial calculus, applied probability and financial risk, international finance, advanced corporate finance, linear and generalised linear models, and partial differential equations.

### RISK MANAGEMENT AND INSURANCE **DS**

[go.uow.edu.au/bmathfin-riskmgmtins](http://go.uow.edu.au/bmathfin-riskmgmtins)

Risk management and Insurance covers a wide range of activities, including assessing, quantifying, monitoring and mitigating financial risk exposures for projects, companies and financial institutions. It also monitors compliance with relevant financial regulations.

Subjects you will study include financial calculus, risk and insurance, advanced corporate finance, applied probability and financial risk, financial economics, and statistical inference.

All students complete a Mathematics and Finance Honours Project.

## A Bachelor of Medical Mathematics

ATAR	CAMPUS	UAC
85/95 DS	Wollongong	756530/756535 DS
IB	DURATION	STARTS IN
31/37 DS	3yrs	Autumn (February), Spring (July)

C The rapid development of medical technology and treatments has created a niche sector that relies on the skill sets of mathematicians and statisticians.

E The Bachelor of Medical Mathematics was created by UOW in response to the needs identified by the medical and health sectors.

G This degree provides the tools and develops the skills required for advanced modelling and analysis in the medical and health sciences sector. The program includes a combination of mathematics, statistics, chemistry, biosciences, population health, medical imaging, physiology and psychology.

H

I

## Related studies

### B Bachelor of Mathematics Education

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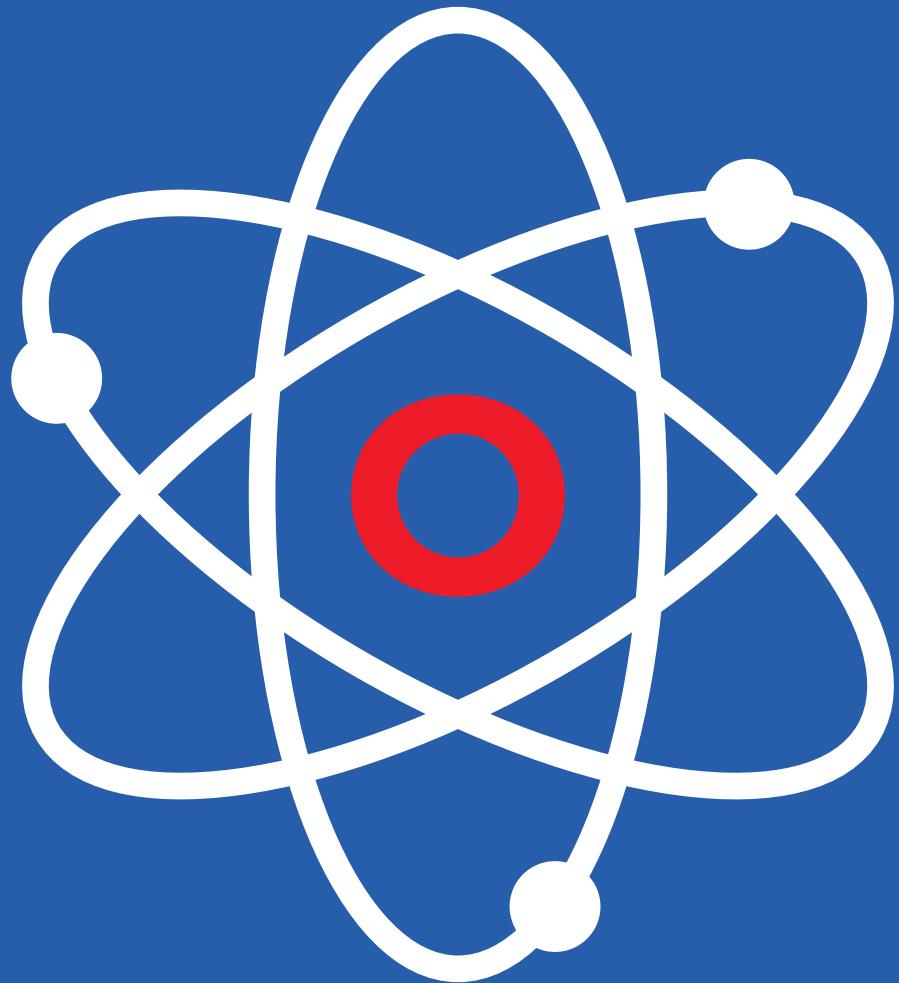
M SEE PAGE 30

P

S

# Physics

Physics helps us understand the world, ourselves and the universe in which we live.



## WHY STUDY PHYSICS

Physicists have a very solid knowledge of the physical universe and apply this knowledge to initiate new and innovative ideas to further human development. They also solve complex problems and develop models to better understand and predict the behaviour of intricate systems.

## WHY STUDY PHYSICS AT UOW

- All UOW physics degrees are fully accredited by the Australian Institute of Physics, and our strong ties with labs such as ANSTO and CSIRO ensure you receive industry exposure throughout your degree.
- Receive strong support from the Women in STEM (Science, Technology, Engineering and Mathematics) Student Society.
- Our Medical and Radiation Physics program is backed by clinical associations with local and Sydney hospitals—over 50per cent of current practising medical physicists in NSW were educated and trained at UOW.
- Gain knowledge to contribute to the increasingly important field of climate science.
- Understand the biomolecular field to improve a broad range of technologies.
- You will work alongside leading academics and learn about the very latest developments in the field of physics, including partnerships with CERN in Switzerland.
- High achieving students receive financial rewards as well as independent learning opportunities such as summer research projects.

## ONE OF THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as the best university in NSW/ACT for Science & Mathematics.

## CAREERS

All subjects include a major practical component to complement and reinforce what you learn in lectures, and ensure you gain hands-on skills to prepare you for your future career path. Below is just a sample of the careers you can pursue.

<ul style="list-style-type: none"> <li>- Radiotherapist</li> <li>- Materials Scientist</li> <li>- Medical Imaging Specialist</li> <li>- Biomolecular Physicist</li> <li>- Biophysicist</li> <li>- Teacher</li> <li>- Astrophysicist and Cosmologist</li> <li>- Atmospheric Scientist</li> <li>- Hydrographer</li> </ul>	<ul style="list-style-type: none"> <li>- Meteorologist</li> <li>- Risk Manager</li> <li>- Health Physicist</li> <li>- Computer Scientist</li> <li>- Defence Logistics</li> <li>- Intelligence</li> <li>- Finance Analyst</li> <li>- Econo-Physicist</li> </ul>
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“

*My education at the Centre of Medical Radiation Physics (CMRP) at UOW provided a strong foundation for me to get to where I am today. Being in industry now, there is a huge advantage in the amount of clinical work that was set aside for us during my time at CMRP, as this is the kind of practical experience and knowledge that makes you valuable to such employers.”*



**Nicole Humble**

Bachelor of Medical Radiation Physics (Honours)  
Project Manager, Brainlab

## Bachelor of Medical and Radiation Physics

### go.uow.edu.au/bmrphys

ATAR	CAMPUS	UAC
80/95 Adv	Wollongong	757616/757603 Adv
IB	DURATION	STARTS IN
29/37 Adv	3yrs/4yrs Adv	Autumn (February), Spring (July)

#### ACCREDITATION

The Bachelor of Medical and Radiation Physics degrees conforms to the requirements for membership of the Australian Institute of Physics and the Australasian College of Physical Scientists and Engineers in Medicine.

**A** Advanced option available [go.uow.edu.au/bmrphys-adv](http://go.uow.edu.au/bmrphys-adv)

Medical and Radiation physicists work in many different fields related to human health in order to improve quality of life. They are familiar with aspects of ionising and non-ionising radiation used for radiation medicine. They are familiar with various forms of therapeutic radiation oncology as well as different methods of diagnostic radiation imaging, and the mechanisms of how such radiation interacts with the human body. They are also familiar with exciting new radiation medicine related technologies being developed for the continued improvement in the treatment of human diseases.

The Bachelor of Medical and Radiation Physics is very hands-on with large practical components in all subjects studied to complement the underlying theoretical physical principles of medical radiation physics.

To ensure the highest level of industry engagement, professional medical physicists from major hospitals and keynote speakers from industry will deliver key lectures and practical work, as well as co-supervise research projects.

You will graduate with a strong background in physics as well as the specialist theoretical, practical and programming skills in radiation medicine that are necessary to find employment in hospitals, research laboratories or related industries.

The Advanced degree includes a substantial research component and is designed to produce graduates with the specialist skills necessary to find employment in hospital radiation oncology and nuclear medicine departments in academic institutions or industry.

## Bachelor of Science

ATAR	CAMPUS	UAC
78/95 Adv	Wollongong	See Major/757602 Adv
IB	DURATION	STARTS IN
28/37 Adv	3yrs/4yrs Adv	Autumn (February), Spring (July)

**ACCREDITATION** These physics degrees conform to the requirements for membership of the Australian Institute of Physics.

**A** Advanced option available [go.uow.edu.au/bsci-adv-phys](http://go.uow.edu.au/bsci-adv-phys)

Physics is fundamental to the study of all sciences and has a key role to play in generating and supporting new technologies. Physicists contribute solutions in a broad range of areas, from everyday concerns in public health and safety to cutting edge advances—such as the discovery of the Higgs boson.

## Majors

### ATMOSPHERIC SCIENCE\* **A**

#### go.uow.edu.au/bsci-atmosci

ATAR	CAMPUS	UAC
95 Adv	Wollongong	757602 Adv
IB	DURATION	STARTS IN
37	4yrs	Autumn (February), Spring (July)

Processes in atmospheric science rely heavily on the analysis of data produced by satellite-borne and other types of instruments designed by physicists. With the growing field of climate science and increasing demand for tools and instruments to predict and monitor the environment, atmospheric scientists contribute toward innovations

in design and prototyping of instruments. In this course you will learn to interpret data through an understanding of the physical principles behind the operation of the instruments, as well as the physics and chemistry governing atmospheric processes at spatial scales, from the microscopic to the planetary. This degree will suit students who possess both an aptitude for physics and mathematics alongside a broad interest in science.

\* new major for 2017 subject to approval.

### BIOMOLECULAR PHYSICS\* **A**

#### go.uow.edu.au/bsci-biophys

ATAR	CAMPUS	UAC
95 Adv	Wollongong	757602 Adv
IB	DURATION	STARTS IN
37	4yrs	Autumn (February), Spring (July)

Biomolecular Physicists are integrated across a wide range of employment fields, including commercial bio-medicine, instrumentation and biotech companies (e.g. Sigma, and Life Technologies), molecular diagnostic instrumentation developments for government and institutional research laboratories, as well as beam-line scientists at National Research Facilities (e.g. ANSTO and the Australian Synchrotron). Biomolecular Physicists work closely with other scientists with an aim to develop a better understanding of diseases and improve treatment and recovery in a range of medical conditions, and produce healthier, safer and more sustainable food, such as developing new methods and technology to assist with better food processing. The degree will excite and challenge students with an aptitude for physics and mathematics and an interest in biology and chemistry.

\* new major for 2017 subject to approval.

### NUCLEAR SCIENCE & TECHNOLOGY

#### go.uow.edu.au/bsci-nstech

ATAR	CAMPUS	UAC
78	Wollongong	757638
IB	DURATION	STARTS IN
28	3yrs	Autumn (February), Spring (July)

Nuclear Science and Technology degree graduates have a very strong background in physics as well as specialist theoretical, practical and programming skills in nuclear radiation processes that are necessary to find employment in research laboratories or related nuclear industries.

You will study topics such as mechanics and thermodynamics, quantum mechanics, nuclear physics, the nuclear fuel cycle, and the physics of radiation detectors.

All subjects include a major practical component to complement and reinforce what you learn in lectures, and ensure you gain hands-on skills that prepare you for real-life activities in your future career.

### PHYSICS **A**

#### go.uow.edu.au/bsci-phys

ATAR	CAMPUS	UAC
78/95 Adv	Wollongong	757637/757602 Adv
IB	DURATION	STARTS IN
28/37 Adv	3yrs/4yrs Adv	Autumn (February), Spring (July)

Physics teaches you highly transferable skills that enable analysis and optimisation across many industries. You'll learn problem-solving, critical thinking and analytical skills that are in demand across all government and private sectors.

You will learn the basis for making, interpreting and extending observations relating to the behaviour and structure of matter. You will study mechanics, thermodynamics, electricity and magnetism, vibrations, waves, optics, and modern, quantum and statistical mechanics. This will be complemented by a number of advanced mathematics subjects.

# Psychology

Understanding who we are and  
how we think, feel and act.



## WHY STUDY PSYCHOLOGY

Psychology examines why we behave the way we do, why we have particular experiences and the processes behind those experiences. Studying psychology will give you an understanding of human behaviour and psychological processes. These skills will improve your work with humans in many domains, including psychological health and wellbeing, understanding organisations, and how social systems such as families and government operate.

## WHY STUDY PSYCHOLOGY AT UOW

- All of our psychology courses are accredited by the Australian Psychology Accreditation Council and are constantly adapted to meet the needs of students and industry.
- We offer programs that can lead to registration as a psychologist, if that is your goal.
- You'll learn the most current knowledge directly from the people creating it. Your lecturers are researchers who are keen to instil their passion for psychology into every student.
- You will get a personalised experience: unlike some of the larger institutions, we run face-to-face tutorial classes.
- UOW has an onsite psychology clinic (Northfields Clinic) providing postgraduate clinical students with valuable real-world experiences.

## ONE OF THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as the best university in NSW/ACT for Psychology.

## CAREERS

Becoming a registered psychologist is one option after completing a psychology degree. UOW offers paths of study that are approved by the Psychology Board of Australia. There are also other career options for those who choose to complete a 3-year degree. These include:

– Personnel Services	– Life Coach
– Human Resources	– Brand Manager
– Organisational Behaviour	– Marketing and Advertising
– Government Agencies or Private Enterprise	– Educational Officer
– Industrial Relations	– Developmental Officer
– Data Analyst	– Community or Social Services

School Counsellors first qualify and work as teachers, then undertake appropriate postgraduate training through the School of Education.

“

*I have always had an interest in what drives people's behaviour, how the mind works, and why people feel the way they do. These interests drove me toward studying psychology.*

*I hope to one day become a Clinical Psychologist working with people in a clinical setting—while continuing my research.”*



### Sarah Liddle

Doctor of Philosophy (Clinical) candidate  
Bachelor of Psychology Honours

### BECOMING A REGISTERED PSYCHOLOGIST

By completing a 4th year accredited by the Australian Psychology Accreditation Council (such as the Bachelor of Psychology (Honours) or the Bachelor of Psychological Science (Honours)) you will be eligible to apply for provisional registration as a psychologist in Australia. An additional two years of supervised practice is necessary to move from provisional to general registration as a professional psychologist with the Psychology Board of Australia. This can be through two years' supervised practice in the community, a fifth year at university plus one year of supervised practice in the community or through an accredited Masters or professional doctoral degree.

**UNDERGRADUATE****POSTGRADUATE****Bachelor of Psychology (Honours)**[go.uow.edu.au/bpsych](http://go.uow.edu.au/bpsych)

ATAR	CAMPUS	UAC
89	Wollongong	753230
IB	DURATION	STARTS IN
33	4yrs	Autumn (February)

**ACCREDITATION**

The Bachelor of Psychology (Honours) is an undergraduate Honours degree accredited by the Australian Psychology Accreditation Council (APAC).

Psychologists help us to understand who we are and how we think, feel, act and change through scientific study of the human mind and its functions, especially those affecting behaviour. Clinical psychologists work directly with clients to help them improve their wellbeing and psychological health. Their clients include children, adults, couples, families and organisations, and they can work in a wide range of settings, from private practices to the hospital system. This degree provides comprehensive training in the scientific study of human behaviour and experience, the physiological, sensory and cognitive processes that underlie it, and how the profession applies this knowledge to practical problems.

**3-year degree options**

These degrees are accredited as the first three years of study leading to provisional registration as a psychologist in Australia. To complete the four years, students must complete an Honours year to meet the academic requirements for eligibility for provisional registration as a psychologist.

**Bachelor of Arts (Psychology)**[go.uow.edu.au/barts-psych](http://go.uow.edu.au/barts-psych)

ATAR	CAMPUS	UAC
75	Wollongong	753200
IB	DURATION	STARTS IN
27	3yrs	Autumn (February)

The Bachelor of Arts (Psychology) will provide you with comprehensive training in the processes basic to human psychological functioning required for qualification as a professional psychologist. You can also combine your Psychology major with other disciplines available in the Bachelor of Arts degree. This will allow you to expand your understanding of the human experience and broaden your career options.

Students with an excellent academic record may apply to transfer to the four-year Bachelor of Psychology (Honours) degree, which provides the academic requirement for eligibility for provisional registration by the Psychology Board of Australia.

**Bachelor of Psychological Science**[go.uow.edu.au/bpsychsci](http://go.uow.edu.au/bpsychsci)

ATAR	CAMPUS	UAC
75	Wollongong	753220
IB	DURATION	STARTS IN
27	3yrs	Autumn (February)

The Bachelor of Psychological Science is a three-year undergraduate degree. You can make a choice to deepen your studies in psychology with the objective of becoming a registered psychologist or you can take complementary studies from UOW's wide variety of disciplines to develop other career pathways where knowledge of psychology is advantageous.

Graduates with an excellent academic record and an extended major in psychology can apply for entry to the additional one-year Bachelor of Psychological Science (Honours) degree, a prerequisite to professional registration; or may apply to transfer to the four-year Bachelor of Psychology (Honours).

**Bachelor of Social Science (Psychology)**[go.uow.edu.au/bsocsci-psych](http://go.uow.edu.au/bsocsci-psych)

ATAR	CAMPUS	UAC
75	Wollongong	753210
IB	DURATION	STARTS IN
27	3yrs	Autumn (February)

The Bachelor of Social Science (Psychology) will teach you the processes basic to human psychology. Topics you will study include foundations in psychology, sociology, social determinants of health, human geography, Indigenous Australia, statistics, biological psychology, social justice, cognition and perception, visual perception, intervention, psychophysiology, and forensic psychology. Students with an excellent academic record may apply to transfer to the four-year Bachelor of Psychology (Honours).

**4th year option****Bachelor of Psychological Science (Honours) - 1 year**[go.uow.edu.au/bpsychsci-hons](http://go.uow.edu.au/bpsychsci-hons)

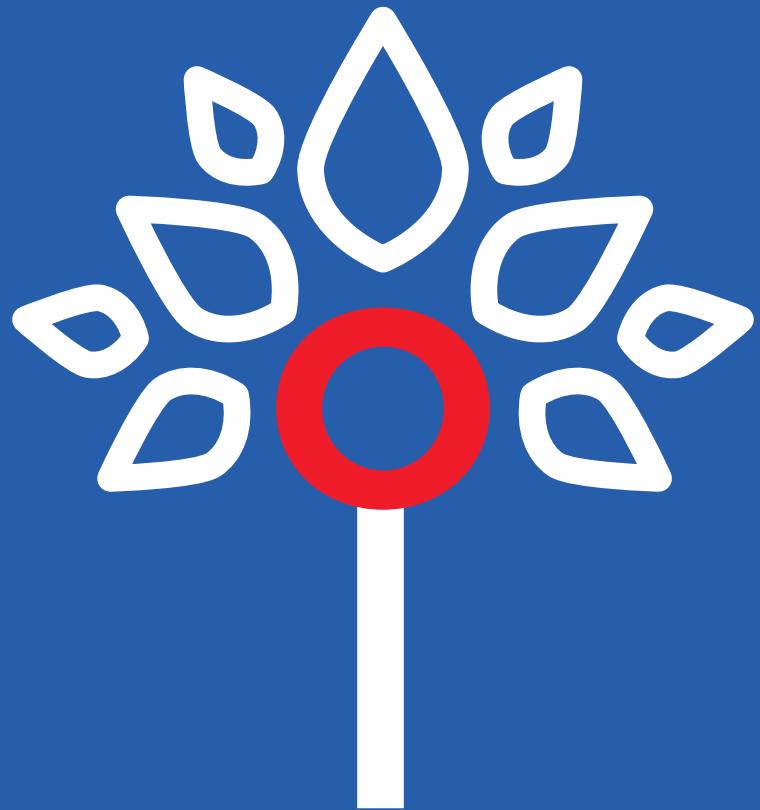
CAMPUS	DURATION	STARTS IN
Wollongong	1yr	Autumn (February)

This one-year Honours degree is for graduates of a three-year psychology degree who need a fourth year of study to apply for provisional registration as a practising psychologist. It is also useful for graduates of a three-year degree who wish to move into postgraduate research in psychology.

You will produce advanced written work that demonstrates your ability to analyse and synthesise information, solve complex problems, and orally present this information in various formats.

# Public Health

Making a real difference to the health of individuals, families and communities.



## WHY STUDY PUBLIC HEALTH

Societies all over the world face huge disease burdens including chronic disease and lifestyle related conditions, such as obesity. The prevention of these illnesses, injuries and disabilities is the core business of public health. As a public health graduate you will work with communities and populations to improve health outcomes, and contribute to an equitable, healthy and sustainable global community.

## WHY STUDY PUBLIC HEALTH AT UOW

- With six majors in the undergraduate program, you can choose to study what you really love. All majors offer specialist knowledge and skills that are central to a range of diverse public health positions.
- Your degree includes professional experience and opportunities to incorporate workplace-based training so that you can develop your business and professional skills.
- Learn from the best: our staff are active practitioners and researchers in their area of specialisation and are dedicated to enriching your learning through their experiences.
- Your teachers are very accessible and are interested in supporting your learning needs and future career aspirations.
- Graduates can apply to be a full member of the Public Health Association of Australia.

## ONE OF THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as the best university in NSW/ACT for Health Services & Support.

## CAREERS

There are many avenues of progression in a career in public health, including in government health departments, health and medical research, community health promotion, environmental health, public service, disease prevention and research. The range of specialty areas is equally broad, and can include nutrition and physical activity promotion, tobacco control, injury prevention, and even infectious disease control and much more.

<ul style="list-style-type: none"> <li>- Health Promotion Officer</li> <li>- Indigenous Health Officer</li> <li>- Environmental Health Officer</li> <li>- Public Health Nutritionist</li> <li>- Public Health Program Coordinator</li> </ul>	<ul style="list-style-type: none"> <li>- Public Health Project Manager</li> <li>- Public Health Research Officer</li> <li>- Epidemiologist</li> </ul>
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“

*My major in Health Promotion has a practical and outward focus. I have gained knowledge in subjects from exercise science and nutrition to disease control, psychology and social marketing. Standout projects have included researching the impact of neighbourhood structure on physical activity and creating a social marketing campaign for beach safety.”*



**Michael Lear**  
Bachelor of Public Health  
(Health Promotion)

**DEAN'S SCHOLAR**

The Dean's Scholar is a program for high-achieving students who intend to continue their studies through honours and research degrees. As a Dean's Scholar you will make a scholarly contribution to your field of study and to UOW. You will have access to a Dean's Scholar study space, school workshops, seminars, and networking events. There is also the opportunity for casual employment in the UOW Faculty of Social Sciences, community research, or projects supervised by leading practitioners or scholars for 15 hours per year.

**Bachelor of Public Health****go.uow.edu.au/bpubhlth**

ATAR	CAMPUS	UAC
73/90 DS	Wollongong	757650/757653 DS
IB	DURATION	STARTS IN
26/33 DS	3yrs	Autumn (February)

**ACCREDITATION**

Graduates can apply to be a full member of the Public Health Association of Australia.

**DS** Dean's Scholar available [go.uow.edu.au/bpubhlth-ds](http://go.uow.edu.au/bpubhlth-ds)

Public health is the art and science of promoting healthy people, places and policies. Public health improves the health and quality of life of a population, by working to prevent disease, prolong life, and promote health through scientifically analysing populations and generating solutions to problems. You will learn about determinants of health and key issues affecting the health of populations; develop skills in obtaining, reviewing and analysing health information; and planning and managing a health program or project for improving the health of the population.

**Majors****EPIDEMIOLOGY DS****go.uow.edu.au/bpubhlth-epid**

Epidemiology is an important area of public health in which the causes and determinants of disease are investigated. Core areas of study include understanding the health of populations; skills in obtaining, reviewing and analysing health information; evaluating a health program or project; and health promotion.

**HEALTH ADMINISTRATION DS****go.uow.edu.au/bpubhlth-hlthadmin**

The health administration major provides knowledge and skill in the organisational processes and practice of complex health service and health policy/monitoring organisations. Core areas of study include planning and managing a health program, project or service; understanding the health of populations; skills in obtaining, reviewing and analysing health information; and health promotion.

**HEALTH COMMUNICATION AND MARKETING STUDIES DS****go.uow.edu.au/bpubhlth-hlthcommmkstud**

The health communication and marketing studies major is an important area of public health, growing in prominence as the value of social marketing is further investigated. Core areas of study include health promotion; social marketing and health communication; planning and managing a health program; the health of populations; and reviewing and analysing health information.

**HEALTH PROMOTION DS****go.uow.edu.au/bpubhlth-hlthprom**

The health promotion stream is a foundation area of study for work and research that identifies health needs, and targets strategies at an individual, community and population level. Core areas include the health of populations; theory and practice of health promotion; reviewing and analysing health information; and planning, managing and evaluating a health program.

**INDIGENOUS HEALTH DS****go.uow.edu.au/bpubhlth-indhlth**

In growing recognition of the need to 'close the gap' there is an increasing need to provide population health strategies to improve the health of the Aboriginal and Torres Strait Islander peoples of Australia. This major is open to people from both Indigenous and non-Indigenous backgrounds. Core areas include Indigenous population health; planning and managing health programs; and Indigenous community development.

**POPULATION AND ENVIRONMENT DS****go.uow.edu.au/bpubhlth-popenv**

The major in population and environment is ideal for those interested in a career that enhances the health of the community. Core areas of study include population studies; planning and managing a health program or project; understanding the health of populations; health promotion; and skills in obtaining, reviewing and analysing health information.

## Bachelor of Public Health Nutrition

### [go.uow.edu.au/bpubhlthnut](http://go.uow.edu.au/bpubhlthnut)

ATAR	CAMPUS	UAC
75	Wollongong	757655
IB	DURATION	STARTS IN
27	3yrs	Autumn (February)

### ACCREDITATION

Graduates can apply to be a full member of the Public Health Association of Australia. Graduates may also seek registration as an Associate Nutritionist with the Nutrition Society of Australia. With a further three years of relevant work experience and/or postgraduate qualifications, graduates may apply as a Registered Nutritionist or Registered Public Health Nutritionist.

This degree combines industry-leading approaches to public and population health with a sound understanding of nutrition science. You will study a mix of science-based subjects that support nutrition studies:

- Physiology and biochemistry
- The principles of public health, including health promotion, epidemiology and research methods
- The core knowledge and skills needed to understand human anatomy and physiology
- The impact of nutrition on health, particularly in diverse populations.

In the Bachelor of Public Health Nutrition you will study major challenges in local, national and global nutrition and health, as well as the interconnectedness of the physical, social, policy and environmental aspects of population health nutrition. You will also develop the skills to competently assess diet, food and nutrient intake of the population.

## Bachelor of Social Science

### [go.uow.edu.au/bsocsci](http://go.uow.edu.au/bsocsci)

ATAR	CAMPUS	UAC
70/90 DS	Wollongong	755300/755320 DS
70/90 DS	Shoalhaven^	755301/755321 DS
IB	DURATION	STARTS IN
25/33 DS	3yrs	Autumn (February)

**DS** Dean's Scholar available [go.uow.edu.au/bsocsci-ds](http://go.uow.edu.au/bsocsci-ds)

<sup>^</sup>Completion of full majors at regional campuses is subject to availability at time of enrolment.

Social scientists who focus on health work in diverse social environments to identify issues and develop strategies for solutions to social health problems. Nationally and globally there is a demand for social scientists who are able to understand the complex and changing needs of societies in the face of technological, economic and social changes that constantly affect the smallest of communities to the largest of continents.

## Majors

### **HEALTH PROMOTION DS**

#### [go.uow.edu.au/bsocsci-hlthprom](http://go.uow.edu.au/bsocsci-hlthprom)

Health Promotion is directed at enabling people to increase control over the determinants of their health and also changing social, environmental, political and economic conditions to reduce their impact on the health of communities. Students will learn how to plan, implement and evaluate health policies and projects, undertake health education initiatives, use media, engage with communities and develop advocacy strategies. Most of all, students will learn how to make a difference in people's everyday lives. During your second and third years you'll focus on how to plan, implement and evaluate health policies and projects, undertake health education initiatives, use media to engage with communities, and develop advocacy strategies.

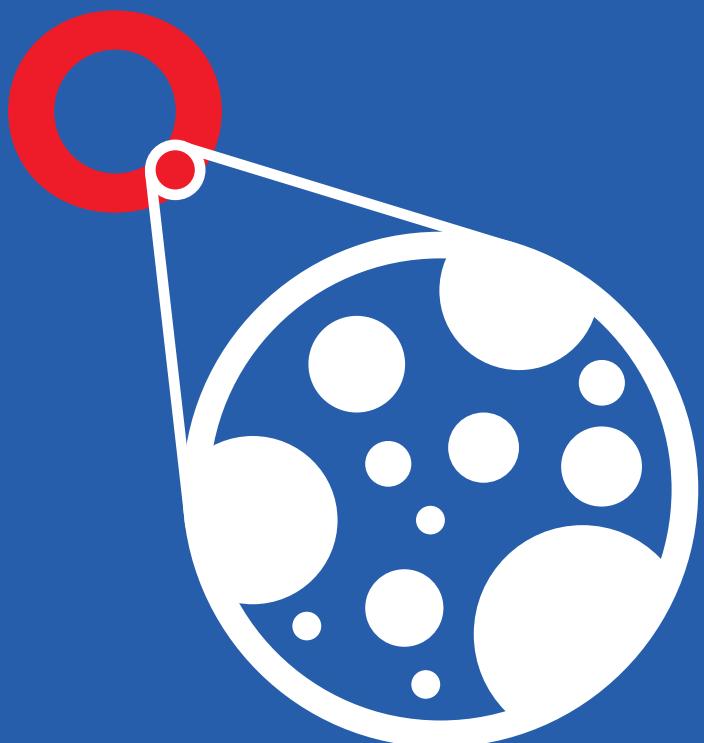
### **PUBLIC HEALTH DS**

#### [go.uow.edu.au/bsocsci-pubhlth](http://go.uow.edu.au/bsocsci-pubhlth)

Public health is the art and science of promoting population health by promoting healthy people, places and policies. Public health improves health and life quality by working to prevent disease, prolonging life, and promoting health by scientifically analysing populations and generating solutions to problems. Throughout your degree you will focus on the social determinants of health. You will study health as a human experience, local and global environments, and factors affecting health, such as life expectancy, the effects of stress, early childhood development, illness, social exclusion, and unemployment.

# Science

"The science of today is the technology of tomorrow" – Edward Teller



## WHY STUDY SCIENCE

The most exciting thing about science is that no matter how many new discoveries are made, there are still endless questions out there to be answered. You study science because your inquisitive nature leads you to ask the important questions and seek the answers to advance our world and protect our natural environment.

The government's Labour Market Information Portal forecasts growth of 14.4 per cent in the Professional, Scientific and Technical Services Industry, and with this brings exciting employment opportunities and career options.

## WHY STUDY SCIENCE AT UOW

- Our new \$35 million Sciences Teaching Facility is equipped with the latest technologies to assist your learning.
- Learn the most current knowledge direct from leading researchers who are keen to instil their passion for science into every student.
- You'll spend close to half your course hours out in the field or doing practical work in our modern labs where data can be analysed as it's being collected.
- Our campus location offers a wide range of coastal, freshwater, bushland and geologically diverse environments, right on our doorstep.
- Help make groundbreaking discoveries working alongside our scientists in areas such as medical biotechnology, climate change, anti-cancer drugs and biodiversity.
- Engage with like-minded students and join a network of individuals making a difference

## ONE OF THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as the best university in NSW/ACT for Science & Mathematics.

## CAREERS

Whether you study earth and environmental science, life science, molecular science or international science, an exciting and meaningful career awaits.

<ul style="list-style-type: none"> <li>- Agricultural Adviser</li> <li>- Biochemist</li> <li>- Cartographer (Mapping)</li> <li>- Chemist</li> <li>- Coastal or Estuarine Management Officer</li> <li>- Conservation Biologist</li> <li>- Drug Regulation Officer</li> <li>- Ecologist</li> <li>- Environmental Consultant</li> <li>- Food Chemist</li> </ul>	<ul style="list-style-type: none"> <li>- Forensic Scientist</li> <li>- Geologist</li> <li>- Laboratory Assistant</li> <li>- Marine or Fisheries Biologist</li> <li>- Materials Scientist</li> <li>- Medical Biotechnologist</li> <li>- Medical Researcher</li> <li>- Oceanographer</li> <li>- Science Teacher</li> <li>- Veterinary Researcher</li> </ul>
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“

*When it came to choosing a university, Wollongong's diverse natural environments and the quality of the science program at UOW were too much to ignore. The various field trips and practicals were invaluable. My role as part of the scientific team at Gnaraloo means I'm on the beach most days and some nights undertaking digital mapping, spatial analysis and monitoring the turtles that use the Gnaraloo Bay Rookery for nesting.”*



**Andrew Leach**

Bachelor of Marine Science (Honours)  
Scientific Intern, Gnaraloo Turtle  
Conservation Program

**DEAN'S SCHOLAR**

Dean's Scholar programs are for high achieving students, in recognition of their meritorious performance. As a Dean's Scholar, you will be invited to participate in networking, enrichment and mentoring opportunities that will give you a valuable edge when entering the job market.

**International****International Bachelor of Science****go.uow.edu.au/intbsci**

ATAR	CAMPUS	UAC
75/95 Hons	Wollongong	757600/757590 Hons
IB	DURATION	STARTS IN
27/37 Hons	3yrs/4yrs Hons	Autumn (February)

**H** Honours option available [go.uow.edu.au/intbsci-hons](http://go.uow.edu.au/intbsci-hons)

In the decades ahead, overcoming the challenges in the way we live will require a collaborative effort from scientists who will work in a global environment. A rigorous background in science, the ability to work across the confines of traditional disciplines, and cross cultural communication skills will see International Scientists perfectly positioned to contribute to the challenges of the future.

The International Bachelor of Science degrees offer a wide selection of major studies (see below for options) which can be combined with a minor study in Technology, Social Science or Business.

For the three-year degree studying abroad is not compulsory, but is highly recommended.

For the Honours degree you are required to complete at least one semester at one of our partner institutions (University of Colorado in the USA and Dublin University in Ireland) and will receive a \$5,000 International Bachelor of Science (Honours) Exchange bursary.

**Majors****NUTRITION **H****

You will study the building blocks of nutrition: biochemistry, dietetics, food services and physiology. You will explore the role of nutrients in the regulation of enzymes and metabolic pathways through to food sources of nutrients and food production. You will also consider nutrition education in the community, including the effects of food and nutrition policy on health.

**SPORT AND MOVEMENT SCIENCE **H****

This major is for aspiring or elite athletes seeking to pursue a career in the field of international science. You will develop a comprehensive knowledge of the principles, concepts and skills associated with exercise science and how these can be applied in professional practice and scholarship. You will analyse recent international developments in the broad field of the sciences and develop an appreciation of global concepts and perspectives. This major offers a supportive environment where the demands of your elite sports participation can be balanced with your academic aspirations. On completion you will be able to pursue a career in the areas of, but not limited to, sports development, sports event management and sports marketing.

**Other Majors**

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<b>CHEMISTRY <b>H</b></b>	<b>PAGE 75</b>
<b>GEOLOGY <b>H</b></b>	<b>PAGE 74</b>
<b>HUMAN GEOGRAPHY <b>H</b></b>	<b>PAGE 39</b>
<b>MEDICINAL CHEMISTRY <b>H</b></b>	<b>PAGE 75</b>
<b>PHYSICAL GEOGRAPHY &amp; ENVIRONMENTAL GEOSCIENCES <b>H</b></b>	<b>PAGE 74</b>

# A Earth & Environmental Sciences

## B Bachelor of Environmental Science (Honours)

[go.uow.edu.au/benvsci](http://go.uow.edu.au/benvsci)

ATAR	CAMPUS	UAC
85	Wollongong	757612
IB	DURATION	STARTS IN
31	4yrs	Autumn (February)

Environmental science is the study of the interaction between living and non-living elements of the environment and how humans impact on these elements. Environmental scientists assess, research and manage a wide range of environmental issues. They provide solutions to environmental problems that are becoming increasingly apparent worldwide.

An Honours research report with an external organisation is a major component of your fourth year and is an example of work-integrated learning.

## L Bachelor of Science

ATAR	CAMPUS	UAC
75/95 Hons DS	Wollongong	757621/757601 Hons DS
IB	DURATION	STARTS IN
27/37 Hons DS	3 yrs/4 yrs Hons DS	Autumn (February), Spring (July)

**HDS** Honours Dean's Scholar option available

[go.uow.edu.au/bsci-hons-ds](http://go.uow.edu.au/bsci-hons-ds)

These majors focus on earth and environmental sciences, a field that brings together a diverse range of science disciplines to study, manage, protect or repair the environment. Earth and environmental systems are complex and interrelated, making collaboration between specialists an essential feature of work in this field.

## M Majors

### ENVIRONMENT

[go.uow.edu.au/bsci-env](http://go.uow.edu.au/bsci-env)

Environmental science is the study of the interaction between living and non-living elements of the environment, and how humans impact on these elements. Environmental scientists use a multi-disciplinary knowledge base to assess, research and manage a wide range of environmental issues. They explore, discover and apply new ideas about the environment to provide solutions to environmental problems that are becoming increasingly apparent worldwide.

### GEOLOGY HDS

[go.uow.edu.au/bsci-geol](http://go.uow.edu.au/bsci-geol)

Geologists are highly sought after to use knowledge and skills about geological processes and their influence on human activities to maintain resource output and minimise damage to the environment. Geologists gather and interpret data about the composition of Earth and its resources and the processes that have impacted, moulded and continue to influence Earth systems.

### PHYSICAL GEOGRAPHY AND ENVIRONMENTAL GEOSCIENCES

**HDS**

[go.uow.edu.au/bsci-physgeog](http://go.uow.edu.au/bsci-physgeog)

Physical Geography and Environmental Geosciences is the study of patterns and processes in the environment caused by the forces of nature, with particular emphasis on their spatial arrangement, distribution and change over time. You will examine environmental and ecological problems facing the world and utilise your skills and knowledge to help address problems in innovative ways.

# E Life Sciences

## B Bachelor of Conservation Biology (Honours)

[go.uow.edu.au/bconsbiol](http://go.uow.edu.au/bconsbiol)

ATAR	CAMPUS	UAC
85/95 Hons DS	Wollongong	757627/757628 Hons DS
IB	DURATION	STARTS IN
31/37 Hons DS	4yrs Hons and Hons DS	Autumn (February)

**HDS** Honours Dean's Scholar available [go.uow.edu.au/bconsbiol-ds](http://go.uow.edu.au/bconsbiol-ds)

Conservation Biology is the study of the Earth's biodiversity and is concerned with managing and protecting species and ecosystems. Conservation Biologists work with government and non-government agencies to explore the interaction of scientific research with policy and management to develop strategies to minimise the impact of humans on their environment.

Your first-year studies in biology, chemistry, and earth and environmental sciences lead to second-year studies in how organisms function, plant and animal ecology, and landscape science. In third-year your studies will focus on research training and experience in conservation biology and ecology, preparing you for Honours in fourth year where you will expand your knowledge even further through targeted research.

## P Bachelor of Marine Science

[go.uow.edu.au/bmarsci](http://go.uow.edu.au/bmarsci)

ATAR	CAMPUS	UAC
85	Wollongong	757622
85 Hons	Wollongong	757624 Hons
95 Hons DS	Wollongong	757623 Hons DS
IB	DURATION	STARTS IN
31	3yrs	Autumn (February)
37 Hons	4yrs Hons	Autumn (February)
37 Hon DS	4yrs Hons DS	Autumn (February)

**H** Honours available [go.uow.edu.au/bmarsci-hons](http://go.uow.edu.au/bmarsci-hons)

**HDS** Honours Dean's Scholar available [go.uow.edu.au/bmarsci-ds](http://go.uow.edu.au/bmarsci-ds)

Marine science is the study of the ocean. Marine scientists look into the biological nature and capacity of oceans, their impact on human society, and the conservation and environmental management of marine and coastal resources and regions. They spend their time observing, defining and experimenting with coastal processes, biodiversity and climate change, as well as using emerging technologies to ensure the sustainable management of these environments.

Final years of this degree focus on subjects fundamental to marine science:

- Biodiversity of Marine and Freshwater Organisms
- Ecology
- Oceanography
- Conservation Biology
- Marine and Terrestrial Ecology
- Coastal Environments
- Fisheries and Aquaculture.

The Honours program is a fourth year of study, where you will expand your knowledge even further through targeted research, together with required seminars and coursework.

## Bachelor of Science

ATAR	CAMPUS	UAC
75/95 Hons DS	Wollongong	757621/757601 Hons DS
IB	DURATION	STARTS IN
27/37 Hons DS	3yrs/4yrs Hons DS	Autumn (February), Spring (July)

**HDS** Honours Dean's Scholar option available [go.uow.edu.au/bsci-hons-ds](http://go.uow.edu.au/bsci-hons-ds)

Biology, the study of life and living systems, covers a broad range of topics and combines interdisciplinary skills in the study of complex interrelated systems, from habitats to whole ecosystems. It ranges from the study of the molecules of living systems to how molecules interact in cells, how cells interact in tissues, how tissues interact in organisms, how organisms interact in populations, how species interact in ecosystems (both terrestrial and marine), and how ecosystems form the biosphere.

### Majors

#### BIOLOGICAL SCIENCES **HDS**

[go.uow.edu.au/bsci-biol](http://go.uow.edu.au/bsci-biol)

Biology is the study of living things. Biologists study organic molecules, cells, tissues, individual organisms, populations and communities. Biologists use the latest scientific knowledge, tools and techniques in both laboratory and outdoor settings to develop solutions across the areas of biodiversity, conservation, ecology, evolution, genetics, medical research, and molecular biology.

#### CONSERVATION BIOLOGY

[go.uow.edu.au/bsci-consbiol](http://go.uow.edu.au/bsci-consbiol)

Conservation Biology is the study of the Earth's biodiversity and is concerned with managing and protecting species and ecosystems. Conservation Biologists work with government and non-government agencies to explore the interaction of scientific research with policy and management to develop strategies to minimise the impact of humans on their environment.

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## Molecular Sciences

### Bachelor of Medical Biotechnology (Honours)

#### [go.uow.edu.au/bmedbiot](http://go.uow.edu.au/bmedbiot)

ATAR	CAMPUS	UAC
85/95 Hons DS	Wollongong	757611/757617 Hons DS
IB	DURATION	STARTS IN
31/37 Hons DS	4yrs/4yrs Hons DS	Autumn (February)

**HDS** Honours Dean's Scholar available [go.uow.edu.au/bmedbiot-ds](http://go.uow.edu.au/bmedbiot-ds)

#### ACCREDITATION

Graduates qualify to apply for membership of the Australian Institute of Biology, the Australian Society of Microbiology and the Australian Biotechnology Society.

Medical Biotechnology is the application of exciting advances in molecular and cell biology to medicine, agriculture and the environment. Through modern technologies, such as genetic engineering, biotechnology is shaping diverse aspects of medicine (cancer, vaccines, therapy and diagnosis of genetic diseases), food production (transgenic plants), and industry (bioremediation).

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2017 Undergraduate Course Directory

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## Bachelor of Medicinal Chemistry (Honours)

#### [go.uow.edu.au/bmedchem](http://go.uow.edu.au/bmedchem)

ATAR	CAMPUS	UAC
85/95 Hons DS	Wollongong	757613/757619 Hons DS
IB	DURATION	STARTS IN
31/37 Hons DS	4yrs/4yrs Hons DS	Autumn (February)

**HDS** Honours Dean's Scholar available [go.uow.edu.au/bmedchem-ds](http://go.uow.edu.au/bmedchem-ds)

Medicinal Chemistry covers all elements of the development of new medicines for human use, including the isolation of new medicinal agents from natural sources, the design and synthesis of new drugs, and understanding the cause of diseases at the molecular level. Medicinal chemists design and synthesise new medicinal and pharmacological agents, monitor guidelines for testing drugs and analyse drug regulatory affairs, assess patent applications for new drugs, and teach in tertiary institutions.

### Bachelor of Science

ATAR	CAMPUS	UAC
75/95 Hons DS	Wollongong	757621/757601 Hons DS
IB	DURATION	STARTS IN
27/37 Hons DS	3yrs/4 yrs Hons DS	Autumn (February), Spring (July)

**HDS** Honours Dean's Scholar available [go.uow.edu.au/bsci-hons-ds](http://go.uow.edu.au/bsci-hons-ds)

Molecular science studies the fundamental properties of matter and how it interacts and changes, and the study of life and living organisms. It can be studied on different scales, from biochemistry and molecular biology to evolutionary biology. At the junction between chemistry and biology are specialist fields, including nanotechnology, biotechnology and medicinal chemistry.

Dean's Scholar programs are for high achieving students, in recognition of their meritorious performance. As a Dean's Scholar, you will be invited to participate in networking, enrichment and mentoring opportunities that will give you a valuable edge when entering the job market.

### Majors

#### CHEMISTRY **HDS**

[go.uow.edu.au/bsci-chem](http://go.uow.edu.au/bsci-chem)

Chemistry is the study of the molecular nature of all matter and its interactions. By providing the ability to understand the relationship between the structure of molecules, and their properties, chemistry plays an essential and central position in science and technology.

#### MEDICAL BIOTECHNOLOGY

[go.uow.edu.au/bsci-medbio](http://go.uow.edu.au/bsci-medbio)

#### ACCREDITATION

Graduates qualify to apply for membership of the Australian Institute of Biology, the Australian Society of Microbiology and the Australian Biotechnology Society.

Medical Biotechnology is the application of exciting advances in molecular and cell biology to medicine, agriculture and the environment. Through modern technologies such as genetic engineering, biotechnology is shaping diverse aspects of medicine (cancer, vaccines, therapy and diagnosis of genetic diseases), food production (transgenic plants), and industry (bioremediation).

#### MEDICINAL CHEMISTRY

[go.uow.edu.au/bsci-medchem](http://go.uow.edu.au/bsci-medchem)

#### ACCREDITATION

Graduates qualify to apply for membership of the Australian Institute of Biology, the Australian Society of Microbiology and the Australian Biotechnology Society.

Medicinal chemists design and synthesise new medicinal and pharmacological agents, monitor guidelines for testing drugs, analyse drug regulatory affairs, assess patent applications for new drugs, and teach in tertiary institutions.

A Related studies

B Bachelor of Medical and Radiation Physics

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SEE PAGE 63

C Bachelor of Science

E NUCLEAR SCIENCE & TECHNOLOGY SEE PAGE 63

PHYSICS SEE PAGE 63

G HUMAN GEOGRAPHY SEE PAGE 39

LAND AND HERITAGE MANAGEMENT SEE PAGE 39

H Bachelor of Pre-Medicine,  
I Science and Health

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SEE PAGE 44

L Bachelor of Science Education

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M SEE PAGE 30

P Bachelor of Geography

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S SEE PAGE 39

# Social Sciences

To fulfil your potential as an individual,  
you need a community.

## WHY STUDY SOCIAL SCIENCES

Social Scientists are tasked with improving the lives of not just individuals but whole communities. By predicting human behaviour and understanding how we interact with different environments, they can develop plans and programs to improve the overall health and wellbeing of a population.

## WHY STUDY SOCIAL SCIENCES AT UOW

- Our academics are accredited professionals, published authors and respected researchers who can connect you with their professional, community and research networks.
- As well as being leaders in their field, our staff are very accessible and approachable and will support your learning needs and future career aspirations.
- You can choose from a large range of major and minor study areas so you can design the course that best suits your passions.
- You'll engage in interdisciplinary study about human behaviour, including foundations in psychology, human geography and social determinants of health and wellbeing.

## THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as the best university in Australia for Humanities, Culture & Social Sciences.

UOW is also ranked as the best university in NSW/ACT for Health Services & Support.

## CAREERS

Social Sciences can open doors to a range of careers in management, policy development, education, environment, human resources and politics. You will also have employment opportunities in health, human services, governmental and community agencies.

<ul style="list-style-type: none"><li>- Community Planning and Development</li><li>- Environmental Officer</li><li>- Federal Policy</li><li>- Health Care Management and Policy</li><li>- Local and International Community Development</li></ul>	<ul style="list-style-type: none"><li>- Local Government</li><li>- Market Research</li><li>- Policy Analysis and Evaluation</li><li>- Social Planning and Social Impact Assessment</li></ul>
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*I think the common thread that I have encountered with the people who have taught or studied Social Science is that desire to create a positive impact on their society. My degree contained a diverse range of practical experiences and there were always opportunities to be involved and become engaged beyond the theory and assignments.”*



### Toby Dawson

Bachelor of Science (Population Health) – now Bachelor of Social Science (Public Health)  
Manager, IRT Foundation

# Bachelor of Social Science

## go.uow.edu.au/bsocsci

ATAR	CAMPUS^	UAC
70/90 DS	Wollongong	755300/755320 DS
70/90 DS	Batemans Bay	755302/755322 DS
70/90 DS	Bega	755303/755323 DS
70/90 DS	Shoalhaven	755301/755321 DS
IB	DURATION	STARTS IN
25/33 DS	3yrs	Autumn (February). Spring (July)

**DS** Dean's Scholar available [go.uow.edu.au/bsocsci-ds](http://go.uow.edu.au/bsocsci-ds)

Social Science looks at how and why we live the way we do. Social scientists seek to understand society and social behaviour in order to positively transform the lives of individuals, families, communities and their environments.

Social scientists work in diverse social environments to identify issues and develop strategies for solutions to social problems. Nationally and globally there is a demand for social scientists who are able to understand the complex and changing needs of societies in the face of technological, economic and social changes that affect the smallest of communities to the largest of nations.

The UOW Bachelor of Social Science involves a mostly common foundation of compulsory social science subjects in the first and second years. You will study Introduction to Behavioural Science, Introduction to Sociology, Human Geography I: Life in a Globalising World, Social Determinants of Health, Human Geography II: Living in a Material World, Research Methods and Statistics, Becoming a Social Scientist: Interdisciplinary Competencies, and Human Development in Social Context. Students will also select a Social Science major and a minor study area from any field in UOW offering cross-faculty enrolment. Students can also choose to complement their degree with elective subjects.

<sup>^</sup>Completion of the full majors at regional campuses is subject to availability at the time of enrolment. ATARS may vary.

## Majors

### CRIMINOLOGY DS

#### go.uow.edu.au/bsocsci-crim

ATAR	CAMPUS	UAC
70/90 DS	Wollongong	755300/755320 DS

Criminology is the scientific study of the causes, control, consequences, and prevention of criminal behaviour at an individual and social level. Social science draws on a range of disciplines to critically examine debates about crime, and how various contested theories and values translate into criminal justice policies and practices. In this major you'll focus on criminology subjects relating to offenders, victims and agents of control, multidisciplinary understandings of crime, crime prevention, safe communities, security, probation and parole, human rights, and community justice.

### COMMUNITY, CULTURE & ENVIRONMENT DS

#### go.uow.edu.au/bsocsci-cce

ATAR	CAMPUS^	UAC
70/90 DS	Batemans Bay	755302/755322 DS
70/90 DS	Bega	755303/755323 DS
70/90 DS	Shoalhaven	755301/755321 DS

This major area of study addresses issues that affect our communities and environments, and equips you with the skills needed to understand analyse and interpret these issues. You will study a common foundation of compulsory social science subjects in first and second year. In this major you'll focus on communication and media skills, Indigenous peoples and the environment, post-federation Australian literature, children and young adult fictional literature, environmental contexts and current issues, and problems and change in the human environment.

<sup>^</sup>Completion of the full majors at regional campuses is subject to availability at the time of enrolment. ATARS may vary.

### EDUCATION FOR CHANGE DS

#### go.uow.edu.au/bsocsci-edu4change

ATAR	CAMPUS	UAC
70/90 DS	Wollongong	755300/755320 DS

The theme of this major reflects how education is and can be a major influencing factor to bring about change in society. Education for Change draws on a range of topics including Advocacy, Indigenous Studies, Social Equity, Social Justice, Social Policy, Gender and Inequality. Embedded within this major is the opportunity for students to undertake a Service Learning placement. There is a growing body of evidence that students who engage in Service Learning as part of their degree program develop skills that will help them interact with a range of people, many from unfamiliar backgrounds. Students will participate in a series of campus-based workshops to help them prepare, reflect and then share their community-based Service Learning experience. Through Service Learning comes greater understanding and knowledge of community, thus creating the nexus of theory and practice underpinning this major.

### HEALTH PROMOTION DS

#### go.uow.edu.au/bsocsci-hlthprom

ATAR	CAMPUS	UAC
70/90 DS	Wollongong	755300/755320 DS
70/90 DS	Shoalhaven	755301/755321 DS

Health promotion provides information and initiatives on healthy eating, physical activity and healthy lifestyles to assist people in leading healthy and active lives. Through research, education and promotion, health promotion enables people to take control of their health by being aware of the social, environmental, political and economic conditions that affect the health and wellbeing of wider communities. In this major you'll focus on how to plan, implement and evaluate health policies and projects, undertake health education initiatives, use media to engage with communities, and develop advocacy strategies.

<sup>^</sup>Completion of the full majors at regional campuses is subject to availability at the time of enrolment. ATARS may vary.

### INDIGENOUS STUDIES DS

#### go.uow.edu.au/bsocsci-indstud

ATAR	CAMPUS	UAC
70/90 DS	Wollongong	755300/755320 DS
70/90 DS	Batemans Bay	755302/755322 DS
70/90 DS	Bega	755303/755323 DS
70/90 DS	Shoalhaven	755301/755321 DS

Indigenous studies explores the controversies, complexities and contradictions that shape what it means to be Indigenous in Australia and the world today. In this major you'll focus on the cultural, political, economic and social factors that continue to shape the lives of Aboriginal and Torres Strait Islander peoples. Your knowledge and understanding will be developed through the study of international Indigenous experiences and engagement with a range of Indigenous perspectives and organisations on a global scale.

<sup>^</sup>Completion of the full majors at regional campuses is subject to availability at the time of enrolment. ATARS may vary.

**PUBLIC HEALTH DS****go.uow.edu.au/bsocsci-pubhlth**

ATAR	CAMPUS^	UAC
70/90 DS	Wollongong	755300/755320 DS
70/90 DS	Shoalhaven	755301/755321 DS

ACCREDITATION See Bachelor of Public Health listed on page 69 for accreditation.

Public health is the art and science of promoting population health by promoting healthy people, places and policies. Public health improves health and life quality by working to prevent disease, prolong life, and promote health by scientifically analysing populations and generating solutions to problems. In this major you'll focus on social determinants of health. You will study health as a human experience, local and global environments, and factors affecting health, such as life expectancy, the effects of stress, early childhood development, illness, social exclusion, and unemployment.

<sup>^</sup>Completion of the full majors at regional campuses is subject to availability at the time of enrolment. ATARS may vary.

**SOCIAL MARKETING DS****go.uow.edu.au/bsocsci-socmktg**

ATAR	CAMPUS	UAC
70/90 DS	Wollongong	755300/755320 DS

Social marketing draws on marketing concepts to influence behaviours that benefit individuals and communities for the greater good. This includes improvements in health and wellbeing, sustainable environmental practices and crime prevention.

In this major you'll focus on social justice, population geography, consumer behaviour, marketing principles, social policy, services marketing, strategic social marketing, and marketing communications and advertising.

**SOCIAL POLICY DS****go.uow.edu.au/bsocsci-socpol**

ATAR	CAMPUS^	UAC
70/90 DS	Wollongong	755300/755320 DS
70/90 DS	Shoalhaven	755301/755321 DS

Social policy looks at different areas of policy within government or polities that affect living conditions, welfare and the environment. It also considers how societies provide for people's wellbeing through systems of regulation, distribution and empowerment. In this major you'll focus on social justice and inequity, population geography, business, Indigenous Australia, social policy, social research, and social advocacy.

<sup>^</sup>Completion of the full majors at regional campuses is subject to availability at the time of enrolment. ATARS may vary.

**SOCIOLOGY DS****go.uow.edu.au/bsocsci-soc**

ATAR	CAMPUS^	UAC
70/90 DS	Wollongong	755300/755320 DS
70/90 DS	Batemans Bay	755302/755322 DS
70/90 DS	Bega	755303/755323 DS
70/90 DS	Shoalhaven	755301/755321 DS

Sociology is the study of society. It examines social life, cultural and social change, and the social causes and consequences of human behaviour. Sociology involves asking questions about human life and society, developing understandings of our diverse and rapidly changing world, and identifying the causes of—and solutions to—social problems. In this major you'll study theory and social research methods, social policy and the state, gender, sexuality and the body, crime and punishment, race and ethnicity, social class, families and intimacy, social interaction, social movements, globalisation, development, social change, and media and popular culture. You will also analyse a wide variety of social processes, causes of social change, and the structures of groups and societies.

<sup>^</sup>Completion of the full majors at these campuses is subject to availability at the time of enrolment. ATARS may vary.

## Related studies

### Bachelor of Geography

**SEE PAGE 39**

### Bachelor of Social Science

**HUMAN GEOGRAPHY**

**PAGE 39**

### Bachelor of Social Science (Psychology)

**SEE PAGE 66**

# Social Work

A practice-based profession and academic discipline  
promoting social change and the wellbeing of people.



## WHY STUDY SOCIAL WORK

The core of social work is the improvement of social, health and psychological wellbeing of individuals and communities. Social workers achieve this by drawing on social work theory, practice experiences, inter-disciplinary knowledge and interprofessional practice to enhance the capacity of people to address their own needs.

## WHY STUDY SOCIAL WORK AT UOW

- UOW Social Science actively provides practice-based learning and integration with theoretical learning in all practice subjects
- You'll benefit from up-to-date technology and simulation labs for practice teaching
- Professional experience is an integral part of our program with students undertaking 1,000 hours over two placements.
- It is provisionally accredited by the Australian Association of Social Workers (AASW), which is a qualification required by many employers.
- Students will engage with people and organisations within the Illawarra and Shoalhaven to improve the services of the community, learn how to work collaboratively to achieve common goals, and appreciate the diversity and complexity of the region.

## THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2015 as the best university in Australia for Humanities, Culture & Social Sciences.

UOW is also ranked as the best university in NSW/ACT for Health Services & Support.

## CAREERS

As part of Social Work at UOW, our students learn specifically about working fields of practice (health and mental health, child and family services, aged care, and migrant services) and methods of practice (social policy and planning, program development, community and Indigenous development and community based research). This prepares graduates for a wide range of career opportunities upon graduation.

82	- Health	- Social Policy
	- Disability	- Homelessness
	- Aged Care	- Youth Services
	- Children and Child Protection	- Community Based Research
	- Family Services	- Program Planning and Evaluation
	- Community Development	- Women (Including Domestic Violence) and Trauma
	- Migrant and Refugees Services	
	- Social Planning	
	- Mental Health	

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*Students will develop practice-based skills and knowledge fitting them for employment in many areas of social work practice and the human services. The community services sector is the largest employer in the region. The practice-based learning and the two required placements will ensure that students are both practice ready and work ready.”*



**Professor Lesley Cooper**  
Professor of Social Work  
Faculty of Social Sciences, UOW

## FIELD EDUCATION FOR PROFESSIONAL EXPERIENCE

All social work courses involve supervised professional practice in a variety of institutional and community settings and may involve work with vulnerable and disadvantaged individuals and communities.

## REQUIREMENTS FOR PROFESSIONAL PRACTICE

As part of learning professional practice and prior to supervised professional practice, students are expected to attend simulation laboratories where they will learn practical skills, practice methods and advanced practice skills.

Professional experience of 1,000 hours over two placements is compulsory and integrated into the last two years of the degree and will usually occur in the Illawarra, Shoalhaven, Southern Highlands and Southern Sydney area. During this experience, students are supervised by qualified social workers. Students must make themselves available for professional experience at the locations and times specified. It is an expectation that students who participate in these courses are capable of meeting the demands of travelling to and from Professional Experience locations. Some agencies require that students hold a driver's licence.

Many agencies in which students are placed require that individuals have a police check prior to supervised professional practice. This includes State and Federal Government agencies as well as organisations in the not for profit sector. The cost of the police check is to be borne by the student.

## WORKING WITH CHILDREN CHECK (WWCC)

Under the Child Protection (Working with Children) Act 2012, and the Child Protection (Working with Children) Regulation 2013 students enrolled in UOW degrees where their studies require them to engage in activities that involve children or young people, may be required to complete a Volunteer/Student Declaration and/or to undergo a Working with Children Check (WWC).

## NSW HEALTH REQUIREMENTS

The NSW Health Department requires all students undertaking clinical supervised professional practice at NSW Health hospitals and facilities to:

- undergo a national criminal record check; and
- comply with NSW Health's immunisation requirements prior to employment or supervised professional practice in any capacity in the NSW health system.

This criminal record clearance will be conducted by the NSW Police and/or the Australian Federal Police. Students are required to arrange for this check to be undertaken following enrolment, and the cost of the check will be their responsibility.

International students are required to provide an official criminal record clearance, in English, from their home country prior to their arrival.

# Bachelor of Social Work

## go.uow.edu.au/bsocwork

ATAR	CAMPUS	UAC
80	Wollongong	755340
80	Shoalhaven <sup>▲</sup>	755341
IB	DURATION	STARTS IN
29	4yrs	Autumn (February)

## ACCREDITATION

This degree is provisionally accredited by the Australia Association of Social Workers (AASW).

Social workers make an important contribution to individual and community wellbeing and improvement of society. With a strong commitment to social justice and human rights, social workers can be found working with people who are disadvantaged and marginalised by society because of poverty or personal circumstances.

The UOW Bachelor of Social Work provides a balance of skills, concepts and theory, as well as hands-on experience in professional practice. You will cover the following five areas:

- Study of the individual and society: with subjects such as Psychology, and electives from the social sciences, which will provide an introduction to people and social context.
- Skills and methods for practice: you will develop practice capabilities to work effectively with people, and use critical insights to understand people and social problems.
- Enactment of social justice: enacting social justice is a core requirement when working with individuals, families or communities, and for social researchers and policy developers
- Engaging with community: engaging with communities on joint projects is an important part of Social Work, and is central in the program.
- Supervised professional practice: in the final years of the degree, you will gain supervised professional practice experience in human service agencies. This is where you will develop the skills and knowledge necessary for a career as a social worker.

As a UOW Social Work graduate, you will enter the labour market with extensive skills and knowledge, and supervised professional practice experience. You will be ready to promote social change and development, and improve the lives of individuals, families and communities.

<sup>▲</sup>Completion of the full degree at this campus is subject to availability at the time of enrolment. ATARS may vary.

# Entry & application

If you're currently completing your HSC\* or the International Baccalaureate, you must apply to UOW through the Universities Admissions Centre (UAC) or the equivalent in your state. Mature age students and non-school leavers can apply directly to UOW.<sup>^</sup>

# How to apply

## **STUDENTS STUDYING IN AUSTRALIA**

Australian students in their final year of high school who want to start university in 2017 must apply through the Universities Admissions Centre (UAC).

UAC applications will open in August 2016, with on-time applications closing in late September. Late applications will be accepted, but additional late fees will apply.

The Australian Tertiary Admission Rank (ATAR) cut-offs for UOW courses are listed in the UAC Guide and website, and in this guide. These cut-offs are based on the 2016 ATAR requirements and should be used as a guideline only. Generally, for admission to UOW, students need to achieve the minimum ATAR score (or equivalent) that applies to their chosen degree.

Please check if your course of interest has additional entry requirements, such as a supplementary application form, an audition or interview. Course information, including ATARs and entry requirements is also available at [coursefinder.uow.edu.au](http://coursefinder.uow.edu.au)

For details of the UAC application process, visit [uac.edu.au](http://uac.edu.au)

## **EARLY ADMISSION**

This program is available to Australian and international students receiving an ATAR or equivalent in 2016. See page 88 or visit [uow.edu.au/early](http://uow.edu.au/early) for a detailed description of the Early Admission application process.

## **MATURE AGE STUDENTS (NON-SCHOOL LEAVER)**

You are considered a Mature Age student if you have previously completed the HSC (or equivalent), TAFE or other tertiary studies. See page 92 or visit [uow.edu.au/future/mature](http://uow.edu.au/future/mature) for all your application details.

# How to apply continued.

## CHOOSING YOUR UNI PREFERENCES

### AUSTRALIAN YEAR 12 STUDENTS

When you apply to UAC, you will be asked to list up to nine courses you want to apply to in order of preference. Be sure to place the course that you most want to study as your first preference, because UAC will only make you one university offer per round.

Many students assume they will receive an offer for every preference for which they meet the ATAR, or that they should list their preferences in ATAR order from highest to lowest—neither is correct.

Place the course you most want to study as your first preference. Then think: if you were not successful at gaining a place in your first preference, what would you like to study next? Remember, this is your list, make sure it reflects what you most want to study.

### ONSHORE INTERNATIONAL STUDENTS

UAC also uses a preference-based offer system for international students completing Year 12. So, if you have listed more than one course for a university in your application, you will only receive an offer for your highest eligible preference in each offer round.

However, each university considers international applications separately. This means that if you include more than one institution in your UAC application, you may receive more than one offer in each round.

## ADDITIONAL ENTRY REQUIREMENTS

### ALL UAC AND DIRECT APPLICANTS

#### BACHELOR OF PERFORMANCE

If you are applying for the Bachelor of Performance you must also submit a separate Registration Form and meet the artistic qualifications, determined by an interview or audition, and achieve an appropriate ATAR score (or equivalent). The Bachelor of Performance Registration Form is available from July to October at [uow.edu.au/future/apply](http://uow.edu.au/future/apply)

Auditions are conducted in late November to early December.

#### INTERNATIONAL BACHELOR OF SCIENCE (HONOURS)

In addition to applying through UAC (or directly for non-school leavers) students applying for this degree must also submit a separate application. Applications close late September 2016 and are available at [uow.edu.au/future/apply](http://uow.edu.au/future/apply). Interviews are conducted late November.

## POINTS TO UOW & BONUS POINTS

By combining Points to UOW and Bonus Points, some students will have up to six bonus points automatically added to their ATAR for UOW preferences.

### POINTS TO UOW

#### [uow.edu.au/future/pointstouow](http://uow.edu.au/future/pointstouow)

Our Points to UOW program awards up to three bonus points for performing well in HSC subjects relevant to the UOW degree you want to study—because we know students who do well in relevant subjects are usually well prepared for university.

There is no separate application for Points to UOW—the calculations are automatic. If you score in the appropriate band in your HSC, the bonus points are added to your ATAR for relevant UOW preferences. The Points to UOW website includes a calculator so you can see how many extra ATAR points you may be eligible for.

### BONUS POINTS

#### [uow.edu.au/future/bonuspoints](http://uow.edu.au/future/bonuspoints)

We offer three bonus points to students who go to school either in UOW's local area, or in regional NSW. You do not need to apply for Bonus Points as they will be automatically added to your ATAR for UOW preferences. A full list of eligible schools is on the Bonus Points website.

## APPLYING FOR A SCHOLARSHIP

A UOW scholarship lets you focus on your study and helps you reach your goals. Students can hold one or more of our 200+ scholarships at one time and you can apply for most UOW scholarships using one application form.

1. Discover all the scholarships and their closing dates at [uow.edu.au/about/scholarships](http://uow.edu.au/about/scholarships)
2. Complete your application and provide details of your exam results at [uow.edu.au/about/scholarships/ug](http://uow.edu.au/about/scholarships/ug)
3. If your application is successful, you will be notified by mail from December 2016.

Some UOW faculties or sponsors will call for interviews, while some scholarships will be awarded based on the application.

The UOW Scholarships and Grants Office will contact you if you're required for an interview. Note that, you cannot defer a UOW Scholarship.

For information on applying for equity scholarships, visit [uac.edu.au/equity](http://uac.edu.au/equity)

## APPLYING FOR ACCOMMODATION

### [uow.edu.au/about/accommodation](http://uow.edu.au/about/accommodation)

Accommodation applications are accepted online throughout the year and we do not have a closing date. However, due to the very high demand for places at UOW Living, it is recommended that you apply as soon as possible.

UOW offers an **accommodation guarantee** to all first-year students. There are a number of conditions such as studying full-time and applying by 31 October.

Visit [uow.edu.au/about/accommodation](http://uow.edu.au/about/accommodation) for more details.

#### 1. FIND A UOW RESIDENCE THAT SUITS YOU.

UOW has a range of living options—catered, self-catered, single rooms, twin share, units and studios—either on campus or a short distance from UOW. To view your accommodation options, you can take a virtual tour at [uow.edu.au/about/accommodation](http://uow.edu.au/about/accommodation) or book a personal tour by calling UOW Future Students on 1300 367 869.

UOW also conducts campus tours every Friday (except public holidays) at 10.30am and 2.30pm and visiting accommodation residences can be included in your tour.

#### 2. COMPLETE AN APPLICATION

Go to the 'Accommodation Portal' at [apply-accom.uow.edu.au](http://apply-accom.uow.edu.au)

#### 3. APPLICATION OUTCOMES

Students will generally be informed of their outcome in January 2017, at around the same time as UAC offers. However, late accommodation offers can be made should any places become available.

If you have questions please contact UOW Living on 02 4221 5467 or check the FAQs at [uow.edu.au/about/accommodation/faq](http://uow.edu.au/about/accommodation/faq)

## BRIDGING COURSES

Bridging courses in Biology, Chemistry or Physics are highly recommended if you don't meet the 'assumed knowledge' requirements of your degree.\* The bridging courses are generally held for two weeks in mid-February. Biology is also offered in July. Bridging courses cost between \$100 and \$200. Contact us on 1300 367 869 before enrolment for more information.

\*Year 12 subjects that UOW sees as essential to your chosen degree. Details for each degree can be found at [coursefinder.uow.edu.au](http://coursefinder.uow.edu.au)

## STARTING MID-YEAR

Many courses offer you the chance to start in Spring Session (mid-July) and are noted against the courses in this directory and the UAC guide. Call UOW on 1300 367 869 if you are considering mid-year entry to UOW.

## DEFERRING YOUR STUDIES (GAP YEAR)

Some students choose to defer their university studies for either six or twelve months—also known as 'taking a gap year'.

You can defer your studies by completing the form at [uow.edu.au/future/youroffer](http://uow.edu.au/future/youroffer) (time limitations apply).

A new offer for your new start date will be issued to your email address. There is no need to reapply through UAC.

## ALTERNATIVE PATHWAYS

### UOW COLLEGE

#### [uowcollege.edu.au](http://uowcollege.edu.au)

With over 20 years of experience and over 22,000 graduates, UOW College will prepare you for entry into UOW if you don't receive the ATAR required for direct entry. UOW College is located on the main UOW campus, meaning UOW College students have access to the same services and facilities as all UOW students. On successful completion of a UOW College course, students are guaranteed a place into most UOW degrees.

### WOOLYUNGAH ALTERNATIVE ADMISSIONS PROGRAM

#### [uow.edu.au/wic](http://uow.edu.au/wic)

The Woolyungah Indigenous Centre's Alternative Admissions Program offers an alternative pathway for Australian Aboriginal and Torres Strait Islander people seeking entry into UOW's undergraduate programs.

Aboriginal or Torres Strait Islander people over the age of 17 are encouraged to apply.

The Alternative Admissions Program welcomes applicants who: haven't completed secondary school; are not receiving an ATAR; or have not obtained the required ATAR score for their preferred course.

### TAFE

TAFE qualifications can be used to meet the academic requirements of your university application.

The following qualifications may be submitted for consideration in support of your application:

- Advanced Diploma
- Diploma
- Associate Diploma
- Certificate IV (excluding trade certificates)

See page 92 or visit [uow.edu.au/future/mature](http://uow.edu.au/future/mature) for more information.

# Early Admission



UOW recognises that it's your personal qualities and skills that define who you are. With our Early Admission program we get to know you, look at the results you've achieved so far and can reward your hard work with a place at UOW before you even sit your first exam.<sup>1</sup>

## TO APPLY FOR UOW EARLY ADMISSION, YOU MUST BE:

1. A Year 12 student completing the HSC (or interstate equivalent) or the IB in 2016<sup>2</sup>
2. Studying on-shore at an Australian High School,  
AND
3. Under 21 years of age.
4. Eligible for an ATAR or the IB Diploma

International students studying the HSC (or interstate equivalent) or IB at an on-shore Australian high school are also eligible to apply.

If you don't meet the above criteria, email [futurestudents@uow.edu.au](mailto:futurestudents@uow.edu.au) or call 1300 367 869 to discuss your entry pathway. If you previously completed high school see page 92 or visit [uow.edu.au/future/mature](http://uow.edu.au/future/mature)

## EARLY ADMISSION IMPORTANT DATES

### APPLICATIONS OPEN ONLINE

**MONDAY 1 AUGUST 2016**

[uow.edu.au/early](http://uow.edu.au/early)

### APPLICATIONS CLOSE

**5PM FRIDAY 26 AUGUST 2016**

No late applications will be accepted.

### INTERVIEWS

**TUESDAY 27 – THURSDAY 29 SEPTEMBER 2016**

Shortlisted students will be invited to a short on-campus interview during this week. Attendance is required to be eligible for a successful outcome.

### OUTCOMES

**MONDAY 10 - TUESDAY 11 OCTOBER 2016**

You will receive a separate outcome email for each course you applied to through UOW Early Admission.

### OFFERS

If you receive a successful UOW Early Admission outcome you will receive an official UAC offer in early December. You must have your successful UOW Early Admission course as your first UAC preference for this offer to be made.<sup>1</sup>

### HSC & ATAR

You will receive your HSC results and ATAR in mid-December.<sup>1</sup>

“

*After receiving early admission the stress was really taken off my HSC exams. With this extra breathing space I was actually able to study more effectively, and ended up securing a higher ATAR than I expected. With this ATAR I was offered a place in UOW's Deans Scholars program, which gave me access to academic mentors, a textbook allowance and a study space.”*



**Nicole Vaartjes**

Bachelor of Commerce  
(Dean's Scholar)

<sup>1</sup> It is the expectation of UOW that you will maintain or exceed the level of academic performance indicated in your application and receive an ATAR or be awarded the IB Diploma.  
<sup>2</sup> Tertiary Preparation Certificate students are not eligible to apply.

# How it works

## 1. Find a course & apply

### FIND A COURSE

Start by searching this course directory or [coursefinder.uow.edu.au](http://coursefinder.uow.edu.au) for the degree you want to study. There are over 200 degrees to choose from, so start by thinking about what subjects you currently enjoy, what you are passionate about and what type of career you would like. Then match these to the study area that fits.

Early Admission is available to all UOW undergraduate degrees.

Each degree has indicative Early Admission criteria. The subjects and results we believe you need to have a good chance of performing well can be found at [uow.edu.au/early](http://uow.edu.au/early) and [coursefinder.uow.edu.au](http://coursefinder.uow.edu.au)

### APPLY ONLINE

[uow.edu.au/early](http://uow.edu.au/early)

Applications are only accepted online. Applications will open Monday 1 August at 9am and close Friday 26 August 2016 at 5pm. We cannot accept any late applications under any circumstances—so start early!

### VALID CONTACT DETAILS

We will need to contact you late in 2016 and early 2017. Don't use a school email address unless you're sure you will be able to access it after the end of school.

### YOUR UOW EARLY ADMISSION DEGREE SELECTIONS

You can choose up to two UOW degrees to apply for via UOW Early Admission. You will be assessed for both of these degrees separately at every stage of the application, so you may receive successful outcomes for one or both. Double degrees are considered one course.

Place your UOW Early Admission courses in order of preference—this will help us match you with the most appropriate UOW staff for your interview.

### SAVING AN UNFINISHED APPLICATION

**You can save an unfinished application as long as you have added at least one UOW degree choice to your application.**

We will send you a confirmation email that will include your password and login details. You will need these to return to your application. You cannot change your password, so be sure to keep a record of it.

### UOW EARLY ADMISSION AND UOW ACCOMMODATION

Everyone who receives a successful outcome for UOW Early Admission will have a guaranteed place in UOW student accommodation provided you meet the following conditions:

- You receive a successful outcome through the 2017 UOW Early Admission program.
- You submit your UOW Living application for 2017 online by 31 October 2016 (including payment of the application fee).

Visit the UOW Living website to learn about the residences and application process. Alternatively you can contact Accommodation Services on (02) 4221 5467 or visit [uow.edu.au/about/accommodation](http://uow.edu.au/about/accommodation)

## 2. Assessment

Your application will need to provide:

- Year 11 final exam marks and ranks for all subjects
- Year 12 half-yearly exam results
- Trial HSC marks and ranks for all subjects (if available at time of submission).

We will accept either raw or scaled marks. Your school will be able to advise what type of exam marks have been given to students at your school.

There is also an optional CV section within the application where you can provide information you think is relevant to your application, such as extracurricular and volunteer activities, work history or additional qualifications.

We will look at your academic record for evidence of consistent or improving academic performance—particularly in subjects relevant to the UOW degrees you have chosen. Based upon this assessment, successful applicants will be shortlisted for an interview.

### IF YOUR SUBJECT DOESN'T HAVE AN EXAM

UOW will accept exam marks based on written, oral and practical exams. However, if your subject doesn't have an exam, you can ask your teacher for an overall subject mark instead. You can use this mark in your application. Please keep in mind you will need to ensure you have written proof of this mark.

### TAFE SUBJECTS

If you are doing a TAFE subject as part of your HSC, please ensure you provide the percentage mark in your application. If your TAFE subject issues a Pass or Fail grade please enter the results as follows:

TAFE Pass: Record a mark of 'P' as the result and indicate this is an overall subject mark.

TAFE Fail: Record a mark of 'F' as the result and indicate this is an overall subject mark.

### PATHWAYS

If you are doing Pathways and completed some HSC subjects during 2015 or before, please enter the results as follows:

- In the end of Year 11 results section, enter your Trial HSC exam mark for any HSC subjects completed in 2015.
- In the Year 12 results section enter your final HSC exam mark for any HSC subject completed in 2015.
- You will be able to provide your reports and final HSC documentation for these subjects when submitting proof of results and completion of subjects.

### SCHOOL STATEMENT OF SUPPORT

A School Statement of Support (SSS) can be provided by a nominated representative from your school to acknowledge circumstances of illness, injury or personal hardship that have negatively affected your Year 11 or Year 12 marks. It is your responsibility to request an SSS from an appropriate staff member at your school.

The SSS is not a reference or letter of support. We do not expect many students applying will need to submit an SSS, and for those who do, please note that providing one does not guarantee an interview or successful outcome. For details on how your school representative can submit an SSS form, refer to [uow.edu.au/early](http://uow.edu.au/early)

All submissions to UOW Early Admission, including any information provided in an SSS, are subject to UOW's privacy policy and will be treated in confidence. Our privacy policy can be found at [uow.edu.au/about/privacy](http://uow.edu.au/about/privacy)

## 3. Interview

UOW staff assess and invite applicants to an interview based on the published Early Admission Criteria. If you are shortlisted and invited to an interview, attendance is compulsory to be eligible for a successful outcome.

After we have assessed all applications, we will conduct interviews from 27–29 September 2016. The interview is a chance for UOW faculty staff to meet you, discuss your application and determine if UOW Early Admission is right for you.

### BOOKING YOUR INTERVIEW

Invitations to interviews will be emailed from 8–9 September 2016.

If you are invited to an interview, you will be directed to log back into your online application to make a booking. You do this using the login details provided in your original UOW Early Admission confirmation email. For this reason, please hold onto this email even after online applications close.

### PROOF OF RESULTS

If you're shortlisted for an interview, you will need to provide proof that the academic marks/grades you supplied are accurate. Information on how to do this will be forwarded to you after we receive your application.

### UNIVERSITY PREPARATION PROGRAM (UPP) PARTICIPANTS

For students participating in UOW's Year 12 University Preparation Program (UPP), please note that in order to be eligible for a guaranteed UPP Admissions Interview as part of the Early Admission process, you need to have successfully completed all components of the UPP. For more information, visit [uow.edu.au/in2uni-myway/year12uniprep](http://uow.edu.au/in2uni-myway/year12uniprep)

### INTERVIEW TIPS

The interview is your chance to show us you have the qualities needed to be a successful UOW student.

#### Prepare and be punctual

This includes knowing what you need to bring to the interview, and having it ready ahead of time.

#### Be interested

A UOW Early Admission interview is an excellent chance to talk with the people you'll be learning from.

Asking intelligent questions about what UOW can offer you is a good way to show your enthusiasm.

#### Dress for the occasion

You should treat UOW Early Admission interviews like a job interview. You don't have to wear a suit or formal business attire, but smart, neat clothing is strongly recommended.

#### Stay focused

Give each question some thought and try and make every answer demonstrate why you would make a great UOW student. Some of the qualities we are looking for are:

- Passion for a subject
- Discipline and organisation
- Commitment and perseverance
- Curiosity and a willingness to listen and learn
- Leadership and teamwork skills.

## 4. Outcomes

Outcomes for UOW Early Admission will be sent to all applicants by email from 10–11 October 2016.

Outcomes will be sent to the email address given in your application and will be released all through the day and night. Not all applicants to the same degree will find out at the same time.

If you don't receive your outcome straight away, don't worry—even if your friends hear back before you do—we will contact you with your UOW Early Admission outcome by 11 October 2016.

### TYPES OF OUTCOME

There are three possible outcomes to your application for UOW Early Admission. You will be assessed individually for each degree you apply to and will receive a separate outcome for each. An unsuccessful result for one degree won't rule you out for the other degree—and you may even receive two successful outcomes.

#### Successful

You have been reserved a place at UOW for 2017, however, you still need to apply through UAC. We will send more information on this process when you receive your UOW Early Admission outcome.

To receive a formal offer in the UAC December Round, the course you received a successful UOW Early Admission offer to must be your first preference for this round.

#### Unsuccessful

You have not secured a place in a UOW degree through Early Admission. However, you can still apply through UAC as normal and may receive an offer to study at UOW in the January UAC Main Round based on your ATAR. Your unsuccessful UOW Early Admission application will not affect this process.

#### Ineligible

This may mean:

- Your application was incomplete and we were unable to progress your application
- You were invited to but did not attend your UOW Early Admission interview.
- You did not provide certified copies of your academic results as requested.

### YOUR ATAR IS STILL IMPORTANT

You need to be eligible to receive an ATAR or IB Diploma to qualify for UOW Early Admission. Early Admission does not consider your particular ranking—we are looking for consistent or improving performance.

If you receive a successful outcome, you should still perform as well as you can in your exams to make sure you have as many options as possible for your future studies.

It is also the expectation of UOW that all students who receive Early Admission will, in their final exams, maintain or exceed the level of academic performance indicated in their application and interview.

### WHAT TO DO NEXT

All formal offers for UOW Early Admission will be made by UAC in the December Round. To convert a successful outcome into a formal UAC offer, your successful degree choice must be your first UAC preference when preferences for the UAC December Round close.

# Mature Age and Non-school leavers

## WHO CAN APPLY DIRECTLY TO UOW?

Mature Age and Non-school leaver applicants can apply directly to UOW if they:

- Are an Australian citizen or holder of a permanent humanitarian visa residing in Australia for the completion of their studies or a New Zealand citizen or holder of other permanent visas,  
AND
- Are not currently completing the HSC or IB. All domestic students currently completing the HSC or IB must apply via the Universities Admissions Centre (UAC), regardless of age.

## WHAT TYPE OF APPLICANT ARE YOU?

Non-school leavers are 18–21 years and may or may not have completed high school studies.

Mature Age Students are 21 years and over (on 1 January of the year you commence studies) and may or may not have completed high school studies.

## HOW DO YOU QUALIFY FOR ADMISSION?

To be eligible for consideration, you must meet the entry requirements of the course you are applying for. However, direct applicants have a few options to meet these requirements.

While admission to UOW is based on your academic background, other factors can be taken into account during the application process, such as completion of a recognised tertiary pathway program or TAFE qualification. In some cases, relevant work experience may assist your application.

You can apply using one of the following application pathways:

### AUSTRALIAN YEAR 12 OR OVERSEAS EQUIVALENT

Non-school leaver applicants can apply to UOW by using Australian Year 12 results, or an overseas equivalent.

Qualifications that are more than 10 years old will be assessed on a case-by-case basis. Your past results will be converted to an Australian Tertiary Admissions Rank (ATAR) and must reach the current minimum ATAR requirement to be considered.

### TAFE OR PRIVATE COLLEGES

You may also be considered for entry to UOW based on the completion of a TAFE program or similar programs completed at private institutions approved within the Australian Qualifications Framework (AQF). Admission depends on you completing the course and the level of academic performance you achieve. Some of our degrees do require a higher level of technical knowledge and the above qualifications may not be sufficient for entry. More information on entry requirements can be found at [coursefinder.uow.edu.au](http://coursefinder.uow.edu.au).

The following qualifications may be submitted for consideration in support of your application:

- Advanced Diploma
- Diploma
- Associate Diploma
- Certificate IV (excluding trade certificates)

More information on entry requirements can be found at [coursefinder.uow.edu.au](http://coursefinder.uow.edu.au)

UOW offers credit transfer for relevant programs, with up to one year of credit transfer awarded after completion of a Diploma or Advanced Diploma qualification. This will mean you will complete less units of study in your degree, and in some circumstances may mean you can finish your UOW degree faster than normal.

For detailed information on credit transfers visit [uow.edu.au/future/mature](http://uow.edu.au/future/mature)

### TERTIARY PREPARATION CERTIFICATE

The NSW TAFE Certificate IV in Tertiary Preparation (TPC) may also be considered for entry to UOW. Your final overall score will be converted to an ATAR and must reach the current minimum ATAR required for your chosen degree.

### SPECIAL TERTIARY ADMISSIONS TEST (STAT)

Mature Age students can use the result of this two-hour multiple-choice test to apply to UOW. The STAT assesses a range of skills and knowledge you will need for tertiary study. UOW requires STAT applicants to undertake the multiple-choice component of this test only. The STAT is coordinated by UAC and held several times a year.

Contact UAC on (02) 9752 0200 for more info.

Note: STAT results cannot be considered for UOW Engineering, Mathematics, Physics or Law degrees.

### PREVIOUS UNIVERSITY STUDIES

If you have previous completed or incomplete university studies from an approved university or other tertiary institution you may be eligible for entry to UOW. You will need to provide a record of your achievement, and the study must have been at least one-sixth completed.

## GET ADVICE AT OPEN DAY Saturday 13 August 2016

Open Day is your chance to visit UOW Wollongong campus and attend information sessions on study areas and support services offered by UOW. It is also a great opportunity for Mature Age/ Non-school leaver applicants to get face-to-face admission advice. You can bring transcripts of previous studies and results, and our staff can provide advice on the best course or entry pathways. Register at [uow.edu.au/openday](http://uow.edu.au/openday)

## ALTERNATIVE PATHWAYS

If you don't have an ATAR or equivalent, or any of the qualifications listed previously, we offer two preparation programs that can provide you with guaranteed entry to UOW on successful completion:

### UOW COLLEGE

UOW College offers university preparation programs to teach you the skills and knowledge you need to succeed at UOW. The programs seek to bridge the gap between school and university, helping you make the transition smoothly. UOW College offers the following programs:

- University Access Program for students aged 21 years and over
- University Entrance Certificate for school leavers aged 17- 21 years who did not meet the entry requirements for UOW
- Diploma programs equivalent to the first year of a UOW Bachelor degree, open to all ages.

On successful completion of a UOW College program, students can enter a number of undergraduate degrees at UOW. For more information visit [uowcollege.edu.au](http://uowcollege.edu.au)

### WOOLYUNGAH INDIGENOUS CENTRE (WIC)

Located on the Wollongong Campus, WIC provides a number of programs, services and facilities to encourage and support tertiary education amongst Aboriginal and Torres Strait Islander Australians.

The WIC Alternative Admissions Program is held twice each year. For further information visit [uow.edu.au/wic](http://uow.edu.au/wic) or contact the WIC team directly on (02) 4221 3776 or [wic-enquiries@uow.edu.au](mailto:wic-enquiries@uow.edu.au)

## HOW TO APPLY

As a mature age applicant, in most cases you have a choice about how you apply.<sup>^</sup> You can apply by completing an online application directly to UOW or through the Universities Admissions Centre (UAC). UOW welcomes direct applications for most of our courses.<sup>^</sup> Direct applications are free of charge. UOW will provide you with a personalised service where you can talk with us about your individual circumstances. We will keep you updated on the progress of your application and you will generally find out the result of your application sooner than if you apply through UAC. You can apply online at [apply.uow.edu.au](http://apply.uow.edu.au), or request a hard copy application form by calling us on 1300 367 869

<sup>^</sup>Applications for Pre-Medicine, Nursing and Education degrees (except Early Years) must be made through UAC.

### DIRECT APPLICATIONS

#### 1. Choose a course

Find the course you want to study and the entry requirements on the UOW at [coursefinder.uow.edu.au](http://coursefinder.uow.edu.au). If you have questions, you can contact our Admission Advice Team on 1300 367 869 or [futurestudents@uow.edu.au](mailto:futurestudents@uow.edu.au).

#### 2. Complete your application at [apply.uow.edu.au](http://apply.uow.edu.au)

As part of your application, you will be asked to submit certified copies of your academic transcripts.

An authorised person must print their name, phone number and the occupation or position that qualifies them to certify documents.

People who are authorised to certify copies are:

- TAFE or UOW Admissions Advice Officer
- Justice of the Peace (JP)
- Accountant or registered tax agent
- Police Officer
- Manager of a bank or credit union
- Barrister, Solicitor or Patent Attorney
- Post Office Manager

You can save your incomplete application and return to it later. Alternatively, you can contact us and request one be mailed to you.

Once your application is submitted, we'll email you confirmation that it's been received, together with a UOW student number (to be used for further enquiries) and information on when you can expect to hear the outcome of your application.

### APPLICATION OUTCOMES

You will receive a formal outcome via email. If your application is successful, this email will contain your formal offer to study at UOW.

### IF YOU DON'T HAVE YOUR RESULTS WHEN APPLICATIONS CLOSE

Students can submit an application with their half-yearly results (i.e. an incomplete academic transcript) and provide final results as soon as they are available. Please note that credit transfer cannot be awarded until certified final results have been submitted to UOW.

### UAC APPLICATIONS

UOW accepts applications for all undergraduate courses through UAC. For information on closing dates and how to apply through UAC, visit [uac.edu.au](http://uac.edu.au)

## APPLICATION CLOSING DATES

Autumn Session (February) applications close on 30 September

Spring Session (July) applications close on 30 June

For more information on closing dates see

[uow.edu.au/future/mature/apply/closingdates](http://uow.edu.au/future/mature/apply/closingdates)

For UAC closing dates see [uac.edu.au](http://uac.edu.au)

For UOW College closing dates visit [uowcollege.edu.au](http://uowcollege.edu.au)

For applications to start your studies in Autumn (February) you can expect to receive the outcome of your application between December and January. Outcomes for applications to start in Spring (July) are released during June and July.

Late applications can be accepted where places are still available. If you submit a late application you can expect to receive an outcome closer to the session start date.

## COSTS AND SCHOLARSHIPS

There are a wide range of payment options and financial assistance schemes available to direct applicants. All domestic students qualify for HECS-HELP, so you won't need to pay university fees up-front. There are also a number of scholarships available. Other costs or fees may include textbooks, transport, parking, childcare, accommodation and living. For more information on fees, HECS-HELP and scholarships, visit [uow.edu.au/future/mature/costs](http://uow.edu.au/future/mature/costs)

## SUPPORT

Information on support services can be found on page 94 of this guide or at [uow.edu.au/student/services](http://uow.edu.au/student/services)

# Support and services

We pride ourselves on being a student-centred university. For you, this means more one-on-one attention, friendly and available staff, dedicated supervisors and a personal approach.

## ALLY NEWTORK

[uow.edu.au/ally](http://uow.edu.au/ally)

The program sets out to develop a visible network of empathetic people who are allies of students and staff identifying as gay, lesbian, bisexual, transgender, transsexual or intersex.

## CAMPUS HEALTH

[unicentre.uow.edu.au/retail/generalfacilities/health](http://unicentre.uow.edu.au/retail/generalfacilities/health)

Located on Wollongong campus, Campus Health provides easy access to both a doctor and dentist. The campus doctor bulk bills Medicare cardholders.

## CENTRE FOR STUDENT ENGAGEMENT (CSE)

[unicentre.uow.edu.au/getinvolved](http://unicentre.uow.edu.au/getinvolved)

Get involved! CSE's programs, activities and events will connect you to other students, the campus and the community. You'll meet people, learn new things and apply yourself to real-world challenges.

## COUNSELLING SERVICES

[uow.edu.au/student/services/cs](http://uow.edu.au/student/services/cs)

This free and confidential counselling service is available 5 days a week to assist you with personal, study or work related difficulties. Counselling can involve identifying options and choosing between them, learning new skills to cope better with problems, gaining greater understanding of what is occurring, or being supported while recovering from some significant life event.

## DISABILITY SERVICES

[uow.edu.au/student/services/ds](http://uow.edu.au/student/services/ds)

Support, access and resources are available for students with disabilities and medical conditions that impact on their studies.

## FINANCIAL ADVISING SERVICES

[uow.edu.au/student/finances/money/services](http://uow.edu.au/student/finances/money/services)

As a student it's important to make smart decisions with your money. This free and confidential service can help you to stay on top of your finances.

## GETTING TO UOW

[uow.edu.au/transport](http://uow.edu.au/transport)

There are a number of options for getting to UOW, including free shuttle buses and a car-pooling initiative, where you can get free parking if there are three or more people in your car.

## IT SERVICES

[uow.edu.au/its](http://uow.edu.au/its)

From Student Online Services (SOLS) to UOWMail, it's easy to access—and get help with—technology services at UOW.

## LEARNING DEVELOPMENT CENTRE

[uow.edu.au/student/services/lid/students](http://uow.edu.au/student/services/lid/students)

This free service is for students who wish to improve their academic and English language skills through workshops, individual consultations or self-directed resources.

## LIBRARY

[www.library.uow.edu.au](http://www.library.uow.edu.au)

Our award-winning library and dedicated library staff are here to support you during your study at UOW. As a UOW student you'll have access to over half a million books, DVDs, journals, e-books and more.

## PEER ASSISTED STUDY SESSIONS (PASS)

[uow.edu.au/student/services/pass](http://uow.edu.au/student/services/pass)

PASS is a group-learning program that provides students with additional support in many core subjects. The programs consist of weekly one-hour sessions, led by Peer Leaders—students who have excelled at these subjects in the past.

## SAFETY AND SECURITY

[uow.edu.au/about/security](http://uow.edu.au/about/security)

UOW Security operates 24 hours a day, seven days a week throughout the year. Their primary role on campus is the protection of people and property. They also provide a safe escort service after dark.

## STUDENT ADVOCACY SERVICE

[uow.edu.au/student/services/advocacy](http://uow.edu.au/student/services/advocacy)

This service provides free and confidential support for students seeking guidance on grievances, appeals, disputes, mismanagement or misconduct during their studies at UOW.

## STUDENT CENTRAL

[uow.edu.au/student/central](http://uow.edu.au/student/central)

Student Central helps current students with a wide range of services, including accommodation, study abroad, scholarships and enrolment matters.

## STUDENT EXCHANGE AND STUDY OVERSEAS

[uow.edu.au/student/exchange](http://uow.edu.au/student/exchange)

UOW can take you all around the world. If you want to get more from your degree, consider a semester exchange or short course program. It's your passport to a truly global education.

## STUDENT SUPPORT ADVISERS (SSA)

[uow.edu.au/student/services/ssa](http://uow.edu.au/student/services/ssa)

If you have an issue that is affecting your study, then the Student Support Advisers can help. They also provide programs supporting student equity and diversity both within faculties and across campus.

## UOW CAREERS CENTRAL

[uow.edu.au/careers](http://uow.edu.au/careers)

We will help you get the career you want when you graduate. UOW Careers Central offers programs including internships, team challenges, voluntary work experience, job search, job interview rehearsals and professional resume reviews.

The UOW CareerStart program will get you thinking about your career from day one of your studies and make sure you have a plan for the future.

## UOW LIVING

[uow.edu.au/about/accommodation](http://uow.edu.au/about/accommodation)

At UOW Living you will benefit from an environment of high academic achievement, involvement and personal development. Our residences are located a short walk or free shuttle bus ride from the main campus. You have the choice of catered, flexi-catered or self-catered style accommodation.

See page 87 for more information.

## UOW RECREATION AND AQUATIC CENTRE

[urac.com.au](http://urac.com.au)

The Recreation and Aquatic Centre provides world-class facilities for sport, fitness and recreation.

There is something for everyone, with two air-conditioned health clubs featuring the latest fitness equipment, a 50m outdoor heated swimming pool, over 50 group exercise classes each week and a range of team sports and lifestyle programs.

## UOW WELLBEING

[uow.edu.au/student/wellbeing](http://uow.edu.au/student/wellbeing)

UOW Wellbeing is here to help you maintain a healthy, happy life balance and keep on track. They can also help you establish useful routines and habits.

## WOOLYUNGAH INDIGENOUS CENTRE

[uow.edu.au/wic](http://uow.edu.au/wic)

Woolyungah Indigenous Centre provides a number of programs, services and facilities to encourage and support tertiary education among Australian Aboriginal and Torres Strait Islander people. Woolyungah also coordinates an Alternative Admissions Program for Australian Aboriginal and Torres Strait Islander future students. For more information please refer to Alternative Pathways on page 93.

## UOWx

[uow.edu.au/student/life/uowx](http://uow.edu.au/student/life/uowx)

UOWx is a program that can connect you with over 50 different types of both paid and volunteer roles. These can include leading a student team, mentoring students, being a UOW ambassador or volunteering for a cause you're passionate about. Each role will be recognised on your official UOWx Record to highlight your achievements to employers.

# Scholarships

## [uow.edu.au/about/scholarships](http://uow.edu.au/about/scholarships)

UOW offers over 200 scholarships every year to students from diverse backgrounds. Some scholarships are designed to reward academic or sporting excellence, while others recognise personal attributes and community contributions. There are also scholarships designed to financially assist students who would not otherwise be able to study at UOW.

These scholarships provide financial assistance—allowing students to focus more effectively on their studies, with some also offering opportunities for work-integrated learning programs.

Students are able to hold more than one scholarship at a time. Some scholarships support students throughout the whole degree, while others are for shorter periods, or to cover expenses such as accommodation at UOW Residences. Please refer to [uow.edu.au/about/scholarships](http://uow.edu.au/about/scholarships) for information.

# Costs

Your education is the best investment you will ever make: you're investing in you, your career and your future.

## COMMONWEALTH SUPPORTED PLACES

All UOW undergraduate places for Australian citizens and holders of an Australian permanent visa (including humanitarian) are Commonwealth Supported Places (CSP), meaning the Australian Government contributes up to three quarters of your tuition fees. The rest, called the student contribution, is up to you. Student contribution amounts vary from year to year. Amounts for one year of full-time study in 2016 are listed below:

– Behavioural Sciences, Social Sciences	\$6,256
– Education	\$6,256
– Foreign Languages, Visual & Performing Arts	\$6,256
– Humanities	\$6,256
– Nursing	\$6,256
– Mathematics, Statistics	\$8,917
– Science	\$8,917
– Computing, Engineering, Health	\$8,917
– Law, Accounting, Administration, Economics, Commerce	\$10,440
– Medicine	\$10,440

These contribution amounts are based on a full-time 48 credit points (cp) 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.  $\frac{3}{4}$  of the full-time amount if you are enrolled in 36cp). Credit points are how we measure student workload for each subject and are a guide to the number of hours per week spent in classes and private study. Most subjects are single session (half-yearly) and are worth 6cp.

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 CSP students to pay the student contribution amount. You are eligible for HECS-HELP if you are either:

- Enrolled in a Commonwealth Supported Place AND
- An Australian citizen or hold a Permanent Humanitarian Visa. OR
- Hold a New Zealand Special Category Visa who meets the long-term residency requirements and will be resident in Australia for the duration of your unit OR
- Hold a Permanent Humanitarian Visa and will be a resident in Australia for the duration of your unit

If you are eligible for HECS-HELP you will be able to select this option during your enrolment. A HECS-HELP debt is repaid via the Australian Tax Office once your income reaches the minimum threshold for compulsory repayment, which is \$54,126 in 2015–2016.

More information about HECS-HELP is available at [studyassist.gov.au](http://studyassist.gov.au)

You may also contact UOW at [futurestudents@uow.edu.au](mailto:futurestudents@uow.edu.au) or 1300 367 869 for a copy of the Information for Commonwealth Supported Students booklet.

Students participating in International Exchange or Study Abroad may be eligible for the OS-HELP loans scheme, which provides students going on exchange with up to \$6,470 for a 6-month study period (\$7,764 if you study in Asia).

## ABSTUDY

Abstudy 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 02 4221 3776.

## EDSTART

EdStart is a UOW initiative for low-income undergraduate students who pay HECS-HELP. 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 02 4252 8253 or visit [edstart@uow.edu.au](mailto:edstart@uow.edu.au)

## YOUTH ALLOWANCE

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

# Important dates

## INFORMATION EVENINGS

UOW will be holding Information Evenings for Year 12 students during 2016. These events are designed to give students and parents information about choosing a degree and studying at UOW. Events will be held at the following locations:

Albury | Bega | Batemans Bay | Campbelltown | Canberra | Griffith | Jindabyne | Liverpool | Nowra | Parramatta | Penrith | Southern Sydney | Tamworth | Wagga Wagga | Wollongong

Find dates and venues plus register to attend at [uow.edu.au/future/events](http://uow.edu.au/future/events)

## UOW EARLY ADMISSION

With UOW Early Admission you can earn a place at UOW before you sit your final exams.

For more information, see page 88 or visit [uow.edu.au/early](http://uow.edu.au/early)

Applications open 1 August

Applications close 26 August at 5pm

Interviews 27–29 September

Outcomes 10–11 October

## UAC IMPORTANT DATES

UAC applications open early August

Applications close late September

Main Round offers are made mid-January 2017

Check [uac.edu.au](http://uac.edu.au) for confirmation of dates

## SCHOLARSHIP APPLICATIONS

Scholarship applications open on 1 July

Applications can be applied for online and close at the end of November.

Refer to [uow.edu.au/about/scholarships](http://uow.edu.au/about/scholarships) for more details

## ACCOMMODATION APPLICATIONS

Applications for university residences must be made at

[apply-accom.uow.edu.au](http://apply-accom.uow.edu.au)

In order to secure your place, apply as early as possible.

If you apply for accommodation before 31 October 2016, and meet other conditions, you will be guaranteed accommodation for 2017. Refer to [uow.edu.au/accommodation](http://uow.edu.au/accommodation) for details.

## UOW OPEN DAY

**SATURDAY 13 AUGUST 2016**

You're invited on campus to hear about our world-class programs, explore our campus facilities, and to see why UOW is Australia's top-rated university.\*

UOW Open Day is your chance to:

- Get advice from UOW academics about the study areas and careers that interest you
- Take part in faculty tours and information sessions, and see our facilities for yourself
- Find out all you need to know about the application process for Mature Age/Non-school leavers and UOW Early Admission

- Discover your accommodation choices, and learn about UOW's Accommodation Guarantee
- Take a tour of our main campus or stroll around with your friends and family
- Meet current UOW students and speak with them about their UOW student experience

Register now at [uow.edu.au/openday](http://uow.edu.au/openday)

## 2017 SESSION DATES

### AUTUMN SESSION 2017

Orientation 21–23 February

Classes commence 27 February

End of Autumn session 22 June

### SPRING SESSION 2017

Orientation 18 July

Classes commence 24 July

End of Spring session 16 November

## IMPORTANT CONTACTS

### ALL ENQUIRIES FOR STUDY AT UOW

UOW Future Students

1300 367 869

[futurestudents@uow.edu.au](mailto:futurestudents@uow.edu.au)

[facebook.com/uowfuture](http://facebook.com/uowfuture)

### INFORMATION ON ATARS AND UAC PINS

University Admissions Centre (UAC)

[uac.edu.au/undergraduate/faq](http://uac.edu.au/undergraduate/faq)

### INFORMATION ON HECS-HELP

Department of Education

[studyassist.gov.au](http://studyassist.gov.au)

## IMPORTANT NUMBERS

Write down these important numbers when you get them—they're essential for many of the applications and enquiries you'll make at the end of the year.

HSC number

UAC number

UAC online login

UAC online password/PIN

UOW Early Admission password

## **SEE UOW FOR YOURSELF**

You don't need to be a student at UOW to see firsthand what makes our campus so special and why we love it here. A visit to UOW will let you see our facilities and meet people doing what they do best. It's your chance to check out UOW and ask as many questions as you like.

## **UOW OPEN DAY**

**SATURDAY 13 AUGUST**

Spend the day on campus and hear about our world-class programs, explore our facilities, and see why UOW is the best choice for your tertiary study.

Register now at [uow.edu.au/openday](http://uow.edu.au/openday)

## **FREE CAMPUS TOURS**

Our free, hour-long tours are conducted by current UOW students, and run at 10.30am and 2.30pm every Friday throughout the year (excluding public holidays). Phone UOW Future Students to make a reservation or book online at [uow.edu.au/future/visit](http://uow.edu.au/future/visit)

## **LEARN MORE**

If you have any questions about the information in this course guide, we're here to help.

[uow.edu.au/future](http://uow.edu.au/future)

Call 1300 367 869

[facebook.com/uowfuture](http://facebook.com/uowfuture)

[futurestudents@uow.edu.au](mailto:futurestudents@uow.edu.au)



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