



UNIVERSITY  
OF WOLLONGONG  
AUSTRALIA

Stands  
for purpose

U

O

2018  
International  
Postgraduate  
Guide

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# WELCOME

## OUR MISSION

The University of Wollongong is a global leader in discovery and learning – working to transform people and the world we live in.

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## A MESSAGE FROM THE

# Vice-Chancellor

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People are drawn to the University of Wollongong for many reasons: to pursue accredited qualifications, employment experience, global perspectives and access to world-class research.

Every one of them is assured of receiving the support they need to do their very best.

The University of Wollongong (UOW) has the expertise and experience to help you reach your goals.

High quality, accessible research has placed us in the top two per cent of universities worldwide for research quality, and we continue to invest in areas of national and international priority.

Our graduates are well respected, with UOW being ranked among the top one per cent of universities in the world by employers. We pride ourselves on preparing people for emerging industries and future jobs, people who are ready to succeed in their careers and make positive contributions to their communities.

With connections to more than 200 universities in 35 countries, UOW is truly an international university. We have students from more than 160 nationalities, and have nurtured a welcoming multi-ethnic community that helps students from all backgrounds settle into the Australian lifestyle and strengthen their university experience.

This Course Guide is designed as a starting point. I encourage you to find out what we have to offer by talking to our staff, our students, or one of our 138,000 alumni. Ask them why UOW would be right for you.

Professor Paul Wellings CBE  
Vice-Chancellor

# Personalised experiences



We're here to open doors and support your choices, so you can graduate ready for your dream job.

This starts with exceptional access to passionate lecturers who are actively involved in leading their industry forward. They are here to teach you, challenge you and inspire you to greatness.

You'll be given the freedom and flexibility to tailor your experience, follow your passion and see where it takes you.

## 5 stars

Overall Quality, Student Retention, Learner Engagement, Learning Resources, Skill Development, Student Support and Teaching Quality.

*The Good Universities Guide 2017*

## 73.1%

Percentage of graduates who secured full-time employment within four months.

*The Good Universities Guide 2017*

## Top rated

Best university in NSW/ACT in 9 study areas.

*Quality Indicators for Learning and Teaching (QILT) 2017*

# World-class results



We've worked hard to become one of the world's most respected young universities.

Studying at UOW means learning from some of the brightest minds on the planet – recognised globally for their academic excellence. But our proudest achievements are our students, who upon graduation are ranked among the best in the world.

## Top 20

17<sup>th</sup> best modern university in the world.

*QS Top 50 Under 50 Rankings 2018*

## Top 1%

Rating for graduates from a global employer survey.

*QS World University Rankings Graduate Employers Survey 2016/2017*

## Top 2%

Overall rating among the world's universities.

*232nd QS World University Rankings 2018*

# Our home, Wollongong

## From the mountains to the sea

Wollongong is Australia's ninth largest city, and situated in the Illawarra Region, on the coast of the Pacific Ocean. People come from all over the world to live, work and study here. It's a vibrant and welcoming community where you can achieve your best.

17 beaches

All patrolled

15 nature walks

In the Wollongong region

293,494 people

Illawarra area population

5 minutes

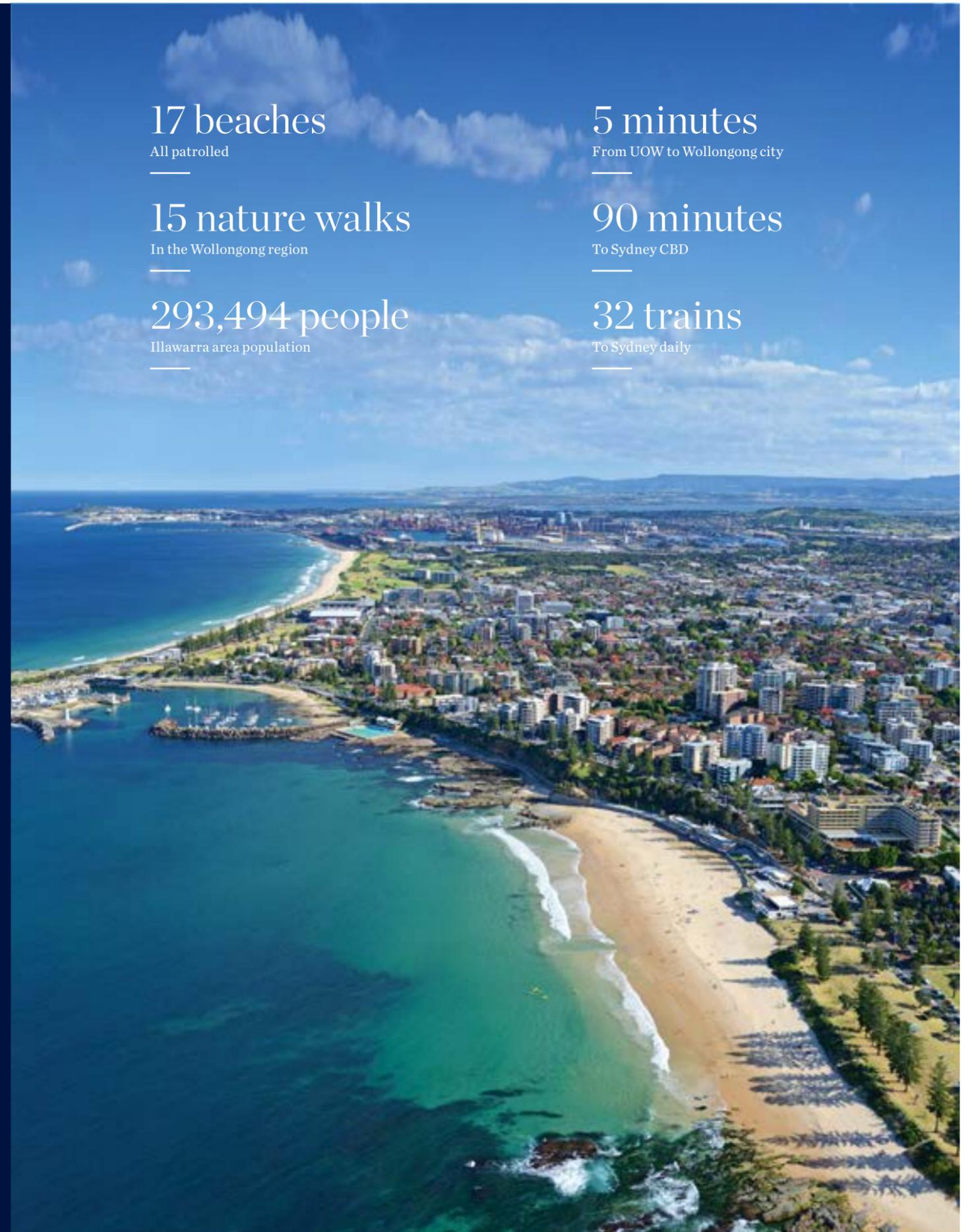
From UOW to Wollongong city

90 minutes

To Sydney CBD

32 trains

To Sydney daily



# About Wollongong

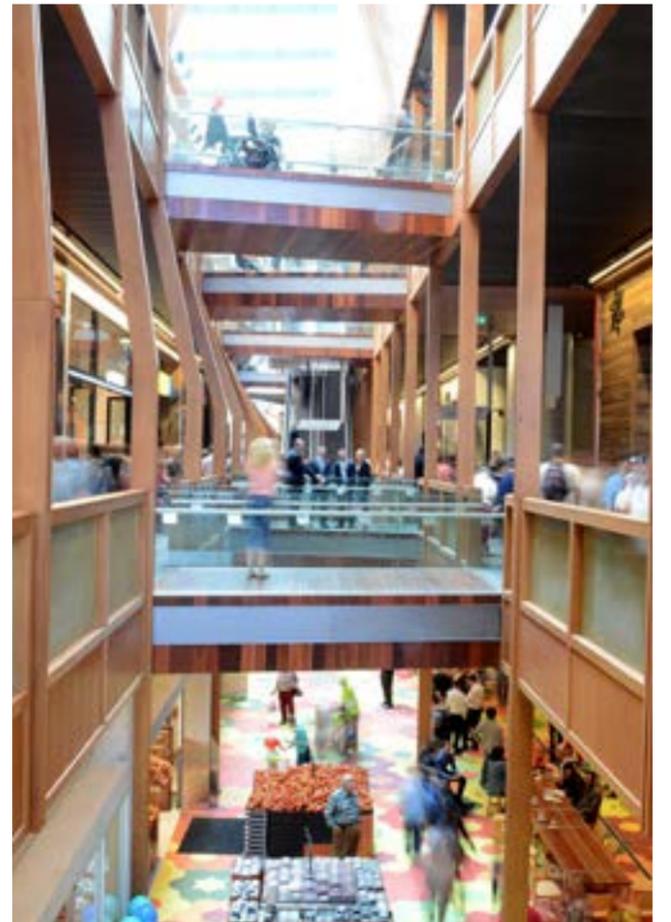
UOW is an important part of the history of Wollongong city, and is a key part of its future, educating skilled graduates for a changing economy.

Historically, Wollongong's economy was centred around heavy industry, and it continues to employ a large number of skilled graduates from UOW. Another effect of this industrial past is Wollongong's cultural diversity.

The pristine environment and availability of work attracted migrant workers from all over the world to make Wollongong their home.

When UOW started enrolling a diverse mix of international students in the 1980s, Wollongong was already a home to many languages, cuisines, religions and customs.

Today, Wollongong has a rich cultural calendar and attracts people from all over Australia and the world with a healthy, active lifestyle. Here you can live stress-free and focus on your studies.



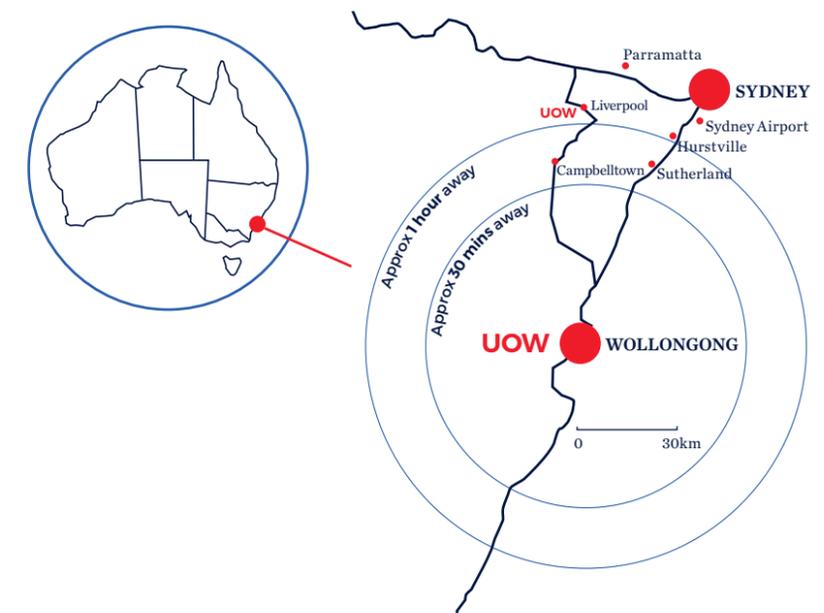


# Location & transport

Once you're here, getting around the city is safe, easy and cheap. Wollongong is close to Sydney – 90 minutes by road or train.

TIME TO WOLLONGONG FROM		TRAIN FARE	
		Off-peak*	Peak*
Sydney (Central)	90 min	\$5.95	\$8.50
Hurstville	70 min	\$5.95	\$8.50
Sutherland	55 min	\$4.62	\$6.61

- 22°C average annual temperature (71.6°F)
- 27°C average max summer temperature (80.6°F)
- 17°C average max winter temperature (62.6°F)
- 83km drive to Sydney (53 miles)



### CAPPED PRICES FOR BUSES & TRAINS

Buses and trains servicing Wollongong use the pay-as-you-go Opal Card system, meaning your fares are capped. Travel as much as you want on all Opal-enabled trains, ferries, buses and light rail, and never pay more than:

**\$15.40 A DAY\* / \$61.60 A WEEK\***

### FREE SHUTTLE BUS

UOW provides free shuttle buses for students and campus visitors, linking our Wollongong campuses with the city centre, trains and student accommodation. Learn more at [uow.edu.au/transport/shuttles/](http://uow.edu.au/transport/shuttles/)

\* Prices above were correct as of July 2017 and are subject to change. Some exceptions apply, see [opal.com.au](http://opal.com.au)

# Transport in Wollongong



## BICYCLE

UOW has more than 800 bike racks for secure and convenient bike parking. There are always second-hand bikes for sale around campus.



## CAR

UOW runs a carpooling program, so if you have two or more friends in your car, you get free parking on campus.



## WALK

Most destinations in Wollongong are an easy walk away.



## TRAIN

North Wollongong Station is a 15-minute walk or a short free shuttle bus ride from our main campus.



## BUS

Wollongong is well connected with city buses going to all its suburbs.

Free 'city loop' buses run all day and into the night, linking UOW with the city centre, trains and shopping district.



**Free**  
**WOLLONGONG**  
**BUSES AVAILABLE**  
in zone marked on map

## FREE BUSES

- Route 55 Gong Shuttle
- Route 9 North Gong Shuttle
- Gwynneville - Keiraville Shuttle

## Student residences

UOW student residences are conveniently located throughout central and North Wollongong, and are connected to the UOW campus by free buses.

**B** Bangalay

**CE** Campus East

**GH** Graduate House

**IH** International House

**KB** Kooloobong Village

**M** Marketview

**W** Weerona



SYDNEY

Fairy Meadow Beach

North Wollongong Beach

Wollongong Harbour

Wollongong City Beach

200m (0.12 miles)

# UOW accommodation

Living in a UOW student residence will make your move to Australia so much easier. We guarantee accommodation for eligible students, and your safety and wellbeing are top priorities for us.

Located close to campus, student residences give you the confidence of knowing that your accommodation is taken care of, so that you can focus on your studies and settling in to your new life in Australia.



**UOW accommodation guarantee**

UOW Living will guarantee accommodation to all students in their first year of study, provided they meet the conditions: see [uow.edu.au/accommodation](http://uow.edu.au/accommodation)

## MEAL OPTIONS

Choose the catering option that suits your budget and lifestyle:

### FULLY CATERED

Your weekly fee includes 19 meals a week. Special dietary requirements can be easily catered for.

### FLEXIBLE CATERING

Campus East residents can purchase meals from the dining hall and on-site cafe, so you only pay for what you eat.

### SELF-CATERED

With full kitchen facilities, you prepare your own meals at your convenience.

## APPLYING FOR UOW ACCOMMODATION

Applications for university residences are made online at [apply-accom.uow.edu.au](http://apply-accom.uow.edu.au)

A free airport pick-up service from Sydney International Airport (60 minutes away) is provided for all commencing students. Make your accommodation application when you make your course application to ensure your place.

For a full schedule of fees see [uow.edu.au/accommodation](http://uow.edu.au/accommodation)

## HOMESTAY

For those who prefer a family-oriented lifestyle, Homestays (living with a local family in a private home) are available.

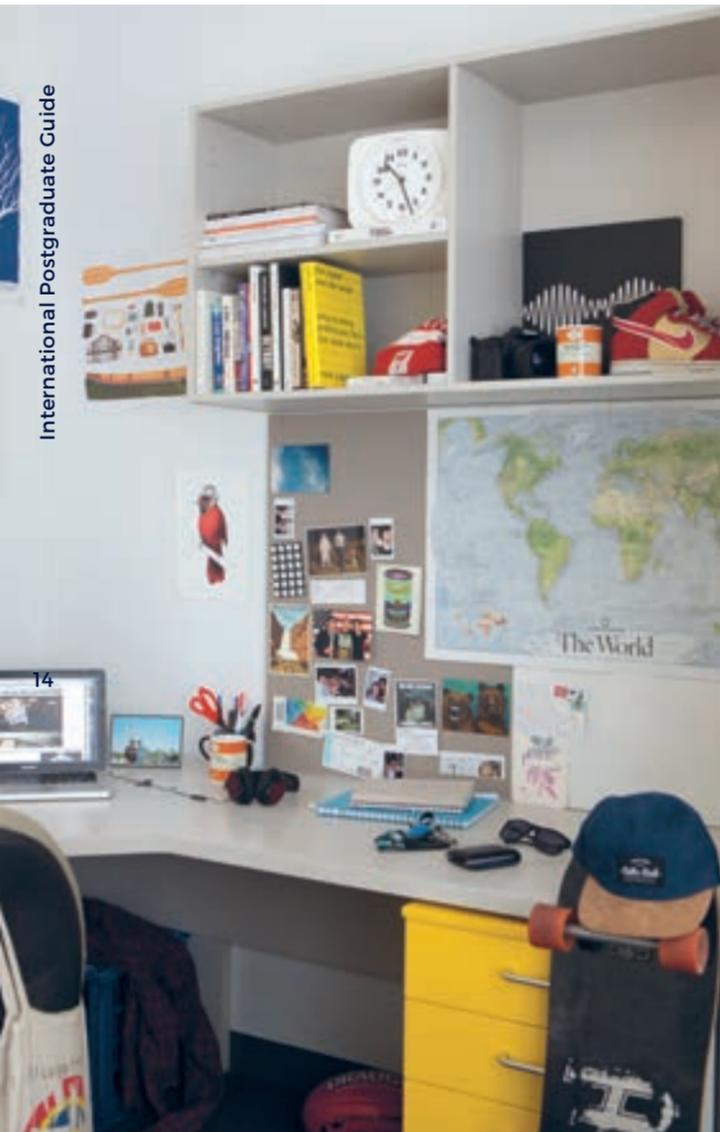
For more information see [uowcollege.edu.au/future-students/international/homestay](http://uowcollege.edu.au/future-students/international/homestay)

## PRIVATE ACCOMMODATION

UOW's Accommodation Services provides comprehensive information about private and shared accommodation on its website at [uow.edu.au/accommodation/liveoffcampus](http://uow.edu.au/accommodation/liveoffcampus)

This website also contains information on temporary accommodation you can use while looking for a permanent place to live.

	Fully catered, flexi-catered or self-catered	Number of beds	Single rooms	Shared rooms	Shared (S) or private (P) bathroom	Price per week	Distance to bus stop (FREE shuttle)	Distance to train station	
	<b>BANGALAY</b> <sup>B</sup> Self-catered	254	✓		P	From \$335	50m	2km	University of Wollongong
	<b>CAMPUS EAST</b> <sup>C</sup> Flexi-catered and self-catered	527	✓		S	From \$295	300m	400m	University of Wollongong
	<b>GRADUATE HOUSE</b> <sup>GH</sup> Self catered postgrad, family & mature age	78 Units	✓		P	From \$280	100m	2km	International Postgraduate Guide
	<b>INTERNATIONAL HOUSE</b> <sup>IH</sup> Fully catered (19 meals a week)	222	✓	✓	S	From \$330	200m	200m	International Postgraduate Guide
	<b>KOOLOOBONG VILLAGE</b> <sup>KB</sup> Self-catered	1258	✓		S/P	From \$260	100m	2.1km	15
	<b>MARKETVIEW</b> <sup>M</sup> Self-catered	144	✓		P	From \$285	150m	800m	15
	<b>WEERONA COLLEGE</b> <sup>W</sup> Fully catered (19 meals a week)	204	✓	✓	S	From \$330	100m	1.4km	15



# Cost of living in Wollongong

The cost of living in Wollongong is very reasonable, so you can focus your efforts on your study, not your finances.

Cost of living in Wollongong is lower than many other cities in Australia, including Sydney and Melbourne.

Here we've compared weekly and monthly rental costs across several cities based on government data.

## MEDIAN RENTAL FIGURES FOR A THREE-BEDROOM HOUSE

CITY	WEEKLY	MONTHLY
Wollongong	\$470	\$2,037*
Sydney - Hurstville	\$590	\$2,557*
Melbourne - Fitzroy	\$750	\$3,250^
Sydney - city	\$945	\$4,095*

## SAMPLE MONTHLY LIVING COSTS

This table shows some typical student monthly rent and personal expenses in a range of different living arrangements.

ACCOMMODATION TYPE	Rent	Food prepared at home & other groceries	Bills e.g. electricity	Local travel costs	Personal phone / internet	Entertainment	Food and drinks purchased on campus	Total cost \$A per month
Shared 2 bedroom apartment, Wollongong & UOW area (own room)	780*	320	120	124	90	180	20	<b>\$1,634</b>
Shared 3 bedroom shared house, Wollongong & UOW area (own room)	679*	320	80	124	90	180	20	<b>\$1,493</b>
Homestay, Wollongong area (single room)	1,127	0	0	124	90	180	20	<b>\$1,541</b>
University accommodation, self catered (Kooloobong Village)	1,040	320	0	0	60	150	20	<b>\$1,590</b>
University accommodation, catered (Weerona College)	1,540	0	0	0	60	150	20	<b>\$1,770</b>

Source: \* NSW Department of Family and Community Services Rent Report September 2016; ^ Department of Health & Human Services Rental Report (Victoria), Sept 2016; † Does not include bond or initial set-up costs such as application fee or utility connection.



“

I was considering studying in Sydney or Melbourne, but I chose UOW because I wanted somewhere quieter and peaceful so that I could concentrate on study. I also like that Wollongong is much cheaper than Sydney or Melbourne.

My life at UOW is about more than attending classes. I completed an English language course and became involved in different student clubs, which really improved my English and gave me confidence.

 **rice**  
\$2.40 - 1KG

 **bread**  
85c - \$3.50 LOAF

 **eggs**  
\$5.70 - 12 FREE RANGE

 **milk**  
\$2.40 - 1L

 **movie**  
\$4 AT UOW UNIMOVIES

 **coffee**  
\$3.30 CUP

 **noodles**  
\$0.60 INSTANT

 **gym**  
\$8.80 A WEEK (1 YEAR MEMBERSHIP)



**Xinru Wang**  
CHINA  
Business  
Doctor of Philosophy (Finance)

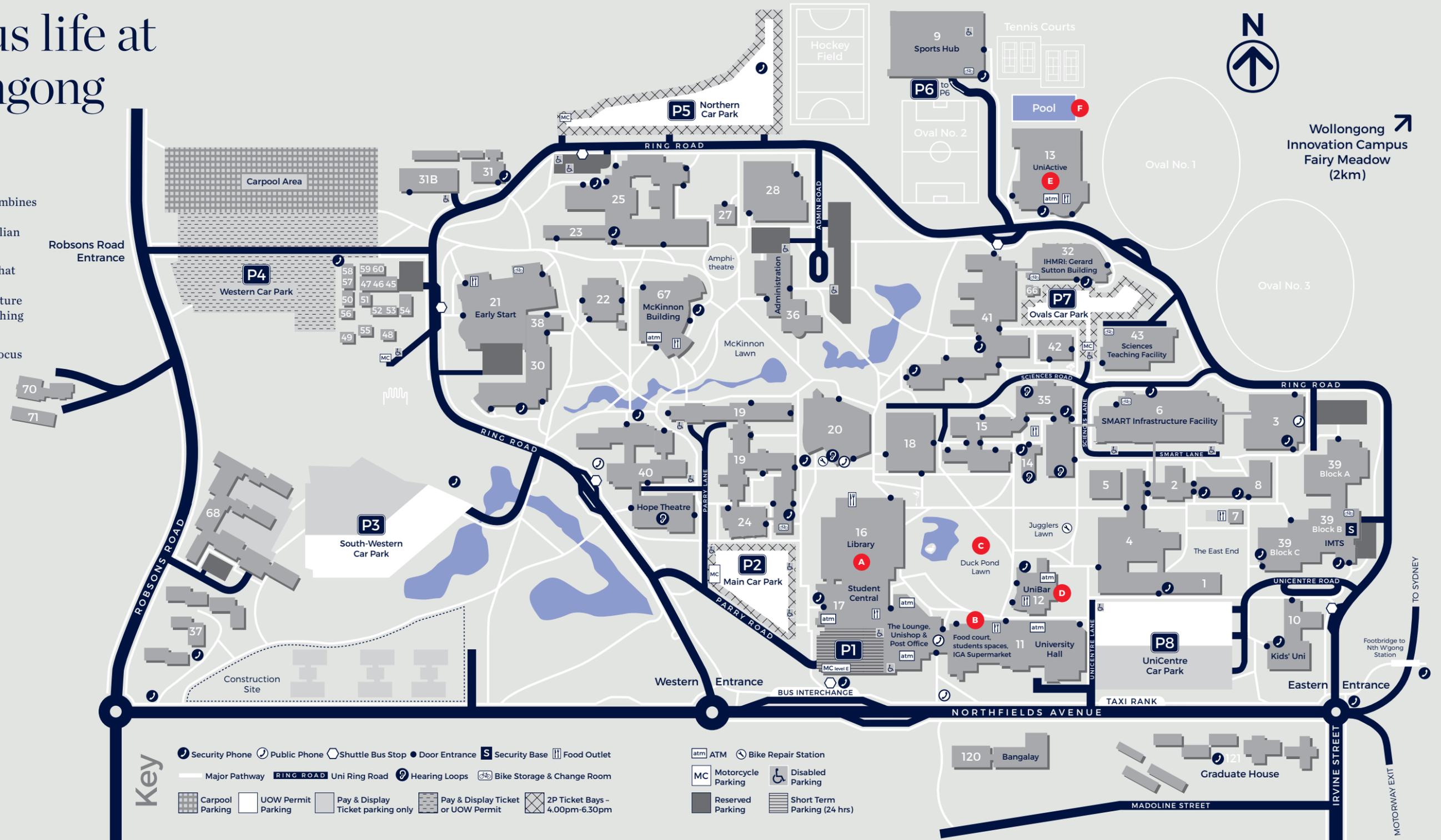
# Campus life at Wollongong

Our Wollongong campus combines modern teaching and study spaces in a beautiful Australian landscaped garden setting.

We have created a campus that includes academic support, accommodation, sports, culture and entertainment – everything you need.

At UOW you can relax and focus on your education.

-  19 FOOD OUTLETS
-  8 CAFES
-  TRAVEL AGENT
-  MEDICAL CENTRE
-  POST OFFICE
-  3 BANKS
-  SUPERMARKET
-  BAR
-  HAIRDRESSER
-  RETAIL OUTLETS



Key

-  Security Phone
-  Public Phone
-  Shuttle Bus Stop
-  Door Entrance
-  Security Base
-  Food Outlet
-  Major Pathway
-  Uni Ring Road
-  Hearing Loops
-  Bike Storage & Change Room
-  ATM
-  Bike Repair Station
-  Motorcycle Parking
-  Disabled Parking
-  Reserved Parking
-  Short Term Parking (24 hrs)
-  Carpool Parking
-  UOW Permit Parking
-  Pay & Display Ticket parking only
-  Pay & Display Ticket or UOW Permit
-  2P Ticket Bays - 4.00pm-6.30pm



**A** UOW Library



**B** IGA Supermarket



**C** Duck Pond Lawn



**D** UOW UniBar  
180 gigs on campus each year



**E** Cym, sports halls and group fitness classes



**F** Olympic-sized swimming pool

# Sydney CBD campus

The Sydney Business School, University of Wollongong, CBD campus offers state-of-the-art facilities in a unique learning environment. It is located in the heart of Sydney's central business district, overlooking Sydney Harbour. The Sydney campus provides tailored learning and teaching facilities, together with full administrative support and online links to the main campus, including all electronic catalogues and databases from the main library.

The Sydney Business School delivers the following programs at the Sydney campus, in addition to the Wollongong campus:

## MASTERS DEGREES

- Master of Applied Finance
- Master of Applied Finance (Investing and Corporate Treasury)
- Master of Business
- Master of Business (Double Specialisation)
- Master of Business Administration (MBA)
- Master of Business Administration Advanced
- Master of Professional Accounting
- Master of Professional Accounting Advanced
- Master of Science (Supply Chain Management or Project Management)

## GRADUATE CERTIFICATES

- Graduate Certificate in Applied Finance
- Graduate Certificate in Business
- Graduate Certificate in Professional Accounting

## HIGHER DEGREE RESEARCH

- Doctor of Philosophy
- Doctor of Philosophy Integrated
- Master of Philosophy
- Master of Research

See page 46 for more information on the courses offered at UOW Sydney Business School.

[sydneybusinessschool.edu.au](http://sydneybusinessschool.edu.au)



“

I came to study with Sydney Business School, University of Wollongong (UOW) because of the school's reputation. The Sydney Business School was the best choice I could have made for my overseas study. I majored in International Finance back in Vietnam and I wanted to work in a multinational environment, so I decided to study abroad to brighten my career.

Studying at Sydney Business School, UOW gave me a lot of opportunities to gain broader knowledge. The University had great lecturers and supportive staff who helped me in dealing with assignments and exams, which had to be done entirely in English and in different styles to what I had done previously.

The campus was amazing and provided easy access to all the facilities. I also made friends with students from a variety of countries whom I learnt from and shared experiences with. I believe that my time studying at UOW Sydney Business School was a great asset in my future - where I find myself as a global citizen.



**Nhu Thi Cam Ho**  
VIETNAM  
Master of International Business

# South Western Sydney Campus

Our new South Western Sydney (SWS) campus in Liverpool is located in one of the largest and fastest growing urban areas in Australia. With people from more than 150 countries calling Liverpool home, it is also one of Australia's most culturally diverse communities. This rich cultural mix makes it a vibrant and welcoming place to live and study.

Liverpool offers everything in the way of food, shopping and lifestyle. Whether your ideal study break is retail therapy, a walk in the park or a picnic by the Georges River, UOW's campus on Moore Street is just a short walk away.

## FOOD

For lunch or snacks between your lectures or tutorials, there is food on almost every street to fulfil your hunger. Spice up your lunch break with an Indian curry, grab some treats from an Afghani bakery or order some pizza or Thai food.

## COFFEE

If you only have a five-minute break between classes, you can find a quick caffeine fix from a cafe at the entrance to UOW. Alternatively, a short walk will take you to a number of cafes, including the Blackrose Bar and Café where you'll find coffee and Italian food, or head to Ristretto and Co for a gourmet breakfast, a coffee or a scoop of gelato.

## SHOPPING

Liverpool is a great city for shopping, with three major shopping centres all within a few blocks of your classroom. You'll find a vast range of specialty stores and international retailers carrying everything you need for your time at UOW.

## ARTS AND ENTERTAINMENT

A short train ride will lead you to the Casula Powerhouse Arts Centre where you can see and learn about art, music and performing. If that's not your style, visit the comic shop, karaoke bar or the Liverpool City Library.

## SPORT AND RECREATION

Take a break and visit the Georges River or Lake Moore, nestled beside Liverpool city. As home to two leisure centres, two aquatic centres, numerous parks, riverside walkways, picnic areas and sporting facilities, Liverpool caters for the everyday walker to the focused athlete.



# Getting to and around Liverpool

The City of Liverpool has six train lines passing through the area, and boasts one of Sydney's first rapid bus transit-way systems, making it easy for students to travel to and from the UOW South Western Sydney campus.

## TRAIN

The UOW South Western Sydney campus is only a four-minute walk from Liverpool railway station. This station sees an average of 22,000 commuters each day, making it one of the busiest on the Sydney rail network. Travel time to central Sydney on the East Hills line is an average of 30 minutes.

With the construction of the Harris Park to Merrylands railway link, Liverpool passengers also have direct railway access to the Western line and centres such as Parramatta, Penrith and the Blue Mountains.

## CAR

Liverpool has almost 5,000 car parking spaces available in or near the city centre. These include free and low-cost options, short and long stay. For more information visit [liverpool.nsw.gov.au](http://liverpool.nsw.gov.au)

Driving time from Liverpool campus to:

- Sydney (CBD) 60 min
- Parramatta 35 min
- Hurstville 30 min
- Wollongong 65 min

## BUS

Liverpool boasts one of Sydney's first rapid bus transit-way systems. The Liverpool to Parramatta bus transit-way is a dedicated 20km bus priority transport route linking the two major centres via the industrial areas of Wetherill Park and Smithfield.

There are a number of operators running bus services within the Liverpool local government area. For more information please refer to Trip Planner [transportnsw.info](http://transportnsw.info)

## CYCLING

If you choose to cycle to class, Liverpool City Council offers a number of bike racks in its Dewsbury Lane carpark.

## FREE COMMUNITY SHUTTLE BUS SERVICE

Liverpool City Council offers a free community shuttle bus, which operates Monday to Friday and is en-route to the UOW SWS Campus.

The community shuttle is an easy method for getting around Liverpool. UOW SWS students do not need a ticket. Just refer to the timetable, look out for the bus and jump on board.

[liverpool.nsw.gov.au/services](http://liverpool.nsw.gov.au/services)

## KEY

- FREE community shuttle bus
- 📍 UOW South Western Sydney campus
- 1 Liverpool City Library
- 2 Westfield Liverpool
- 3 Liverpool Hospital
- 4 Bigge Park
- 🚲 Dewsbury Lane bike rack parking
- 🚌 Liverpool bus interchange
- 🚉 Liverpool Train Station
- F Free parking
- P Paid parking

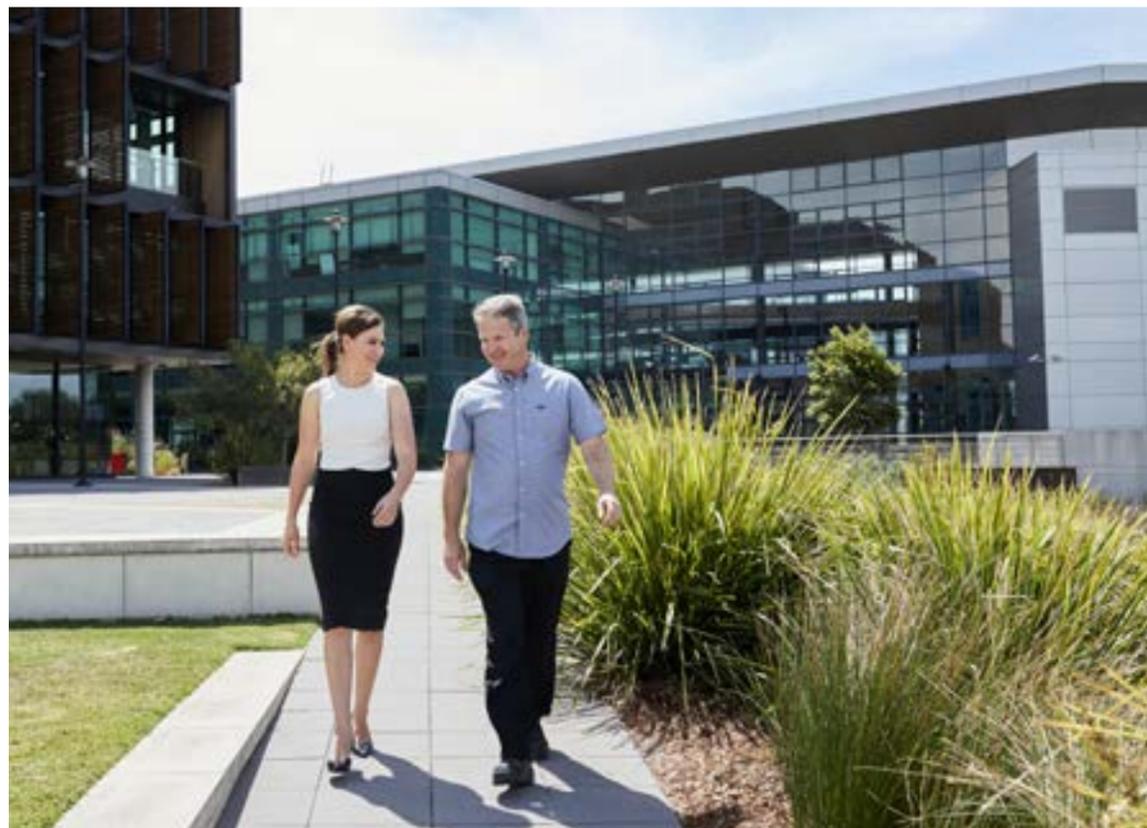
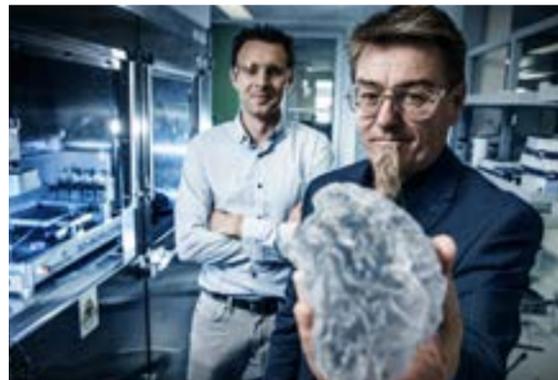


# Innovation Campus

Through engagement, we build bridges between academics, businesses and researchers. We learn from each other through sharing knowledge, expertise and skills. These associations are essential for knowledge transfer as they link user needs, long-term research and a clear direction to research outcomes.

UOW is growing the Illawarra's innovation ecosystem and pursuing the uptake of disruptive technologies that deliver positive economic impacts. The nexus between community, business and university is more important than ever as we continue to anticipate the nature of emergent industries and future jobs.

The future is being created here.



## AT THE FOREFRONT OF AN EVER-CHANGING WORLD

The Innovation Campus is a 33-hectare research, development and commercial precinct established by UOW. The beachside campus aims to drive partnerships and collaboration between academic and business communities.

The Innovation Campus is home to a number of UOW's leading research institutes working to develop:

- Intelligent innovative materials with the potential to regenerate damaged human nerves
- Superconductors that make energy transmission more efficient
- New techniques for sustainable building design
- Maritime law and security, and innovative approaches to health services delivery and policy

The campus is home to national and international companies, researchers, and students, working to develop and translate products to commercial success. It has a well-established community of innovative companies that have steadily grown over the past decade.

One such example is NEC Australia, which officially opened its new corporate office at the Innovation Campus in September 2016, aiming to create more than 130 new technology jobs and connect UOW students with graduate opportunities.

The Innovation Campus is a significant investment by UOW to drive the economic transformation of the Illawarra by creating jobs and industry, and attracting business, research and investment.

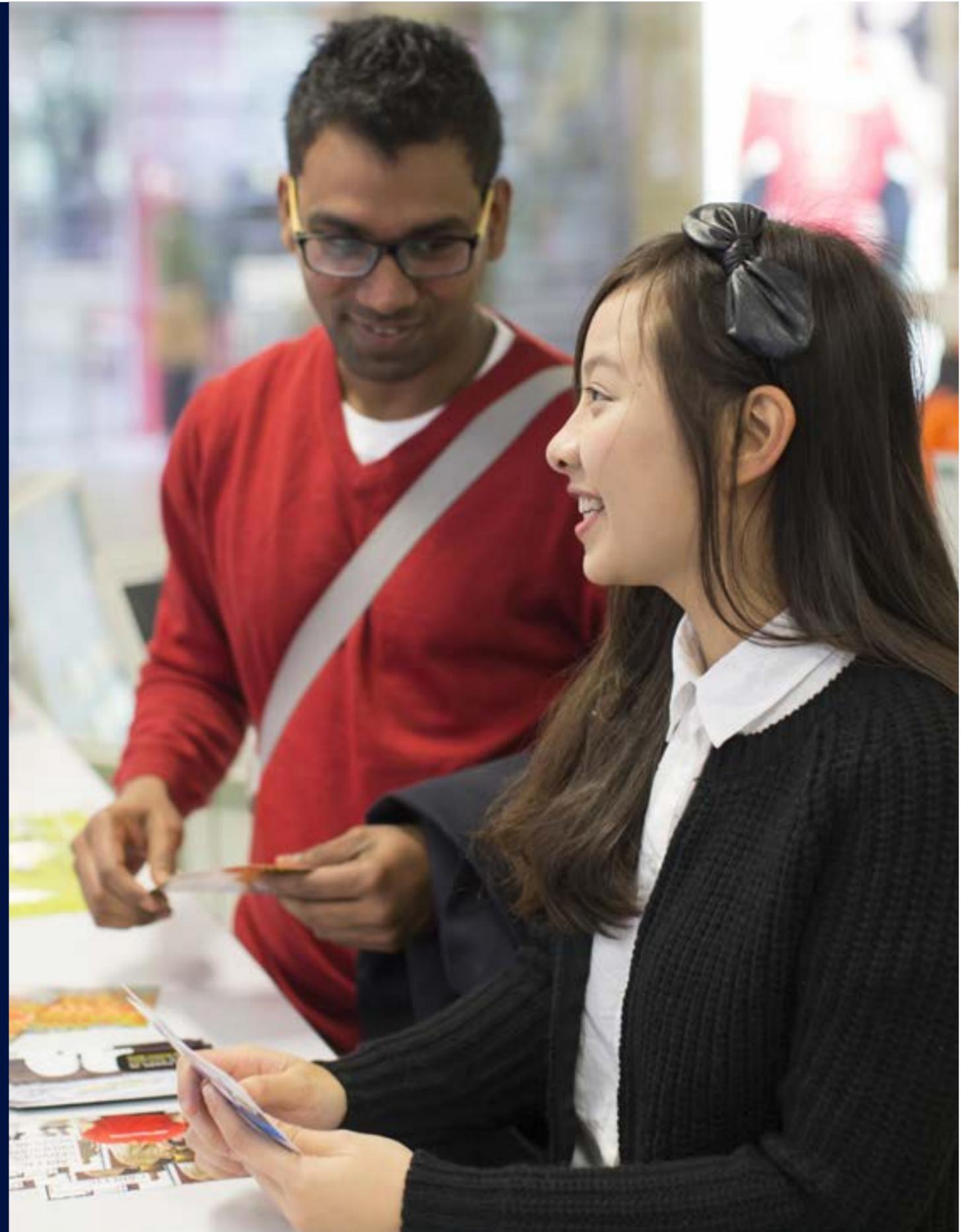
Celebrating its 10 year anniversary in 2016, the Innovation Campus was awarded the Emerging Research Park Award at the Association of University Research Parks (AURP) 2016 Awards for Excellence. The Emerging Research Park Award is judged on the ability to excel in bringing technology from the laboratory to economically viable business activities, promoting the growth of businesses and jobs.

Innovation Campus is also home to the UOW start-up initiative, iAccelerate. Designed around a robust educational framework, the iAccelerate program offers start-ups the unique opportunity to partner with the University to accelerate sustainable business growth. Offering a two-stream program with up to a three-year incubation period, iAccelerate is unique in the Australian start-up landscape.

# A global university

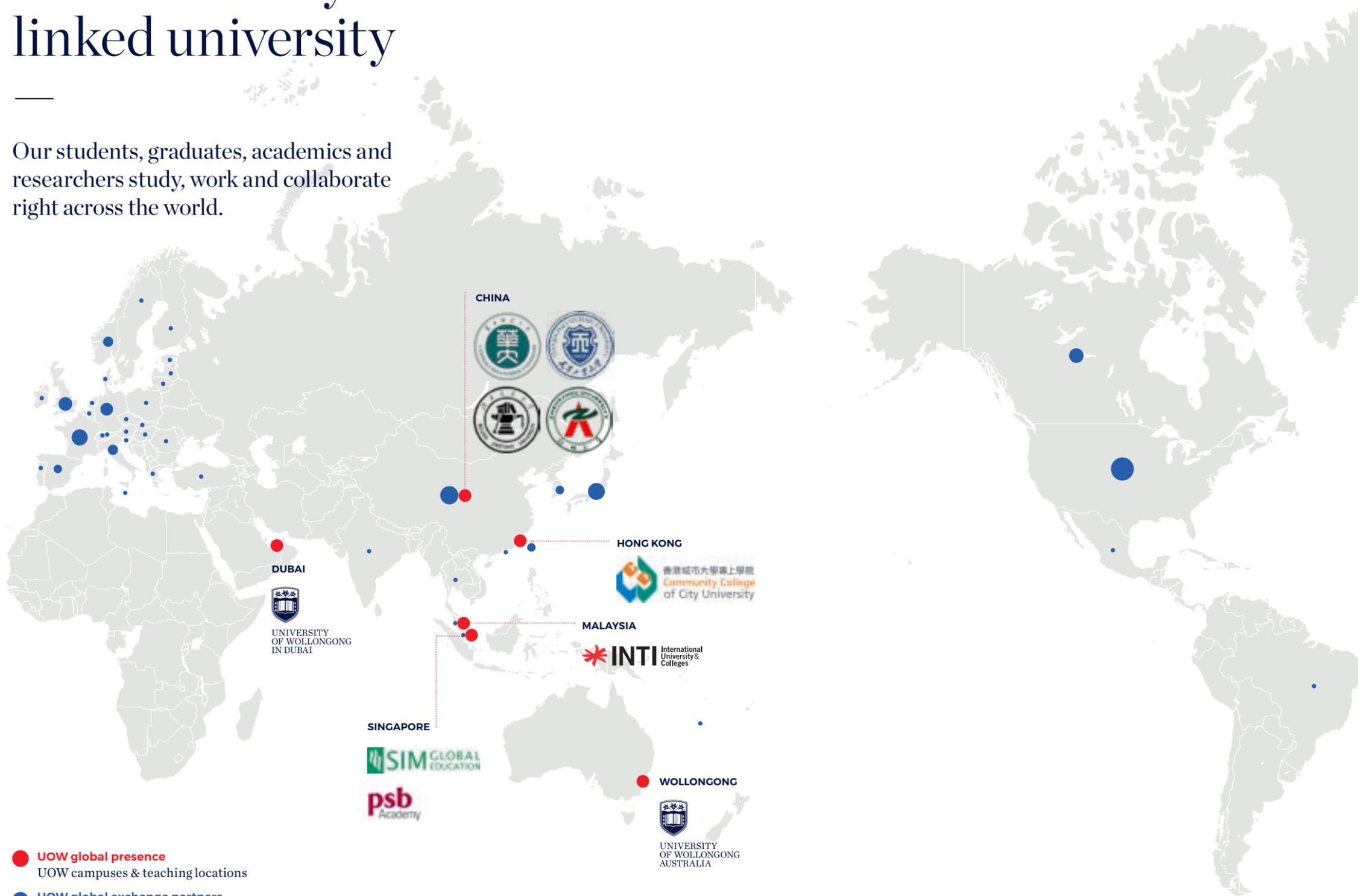
## A place to learn

Wherever we are in the world, UOW connects a quality education with real opportunities, and uses modern facilities to prepare students for global careers.



# An internationally linked university

Our students, graduates, academics and researchers study, work and collaborate right across the world.



- **UOW global presence**  
UOW campuses & teaching locations
- **UOW global exchange partners**  
(size indicates number of partners)

UOW has established itself as a truly international university with more than 13,000 enrolled international students, of which 7,500 are in programs overseas.

To build our global network, UOW makes exchange opportunities more accessible through a range of scholarship and bursary arrangements, which assist more than 250 students to transfer to UOW's home campus annually from our campuses in Dubai, Hong Kong, Singapore and Malaysia.

We have also established joint programs and arrangements with four universities in China, meaning students can transfer to our Wollongong campus to complete their studies.

More than 700 UOW students per year undertake semester programs at our overseas campuses and exchange partners around the world, as well as faculty-led short courses, social entrepreneurship programs and internships.

It is this global network, including students, graduates, academics and researchers, that has UOW advancing social, environmental and economic development on an international scale.

## GLOBAL COMMUNICATORS

The Global Communicators Program encourages all on-shore students to engage in multicultural experiences to build cultural literacy and become global citizens.

[uow.info/globalcommunicators](http://uow.info/globalcommunicators)

## STUDENT EXCHANGE

Our International Exchange Program gives you the chance to study for a semester or a year at some of the finest institutions in the world as a part of your UOW degree.

Exchange can add a further edge to your employment prospects after graduation, as employers value the skills acquired through global experience. At UOW you can choose from more than 200 exchange universities in more than 35 countries.

[uow.info/exchange](http://uow.info/exchange)

# Our international campuses

UOW is a truly global university, with linked to leading educational institutions around the world. The University has formal agreements with more than 150 overseas institutions in the areas of research collaboration, student and staff exchange, study abroad and off-shore program delivery.



## UOW DUBAI

The University of Wollongong in Dubai (UOWD) is one of the United Arab Emirates' (UAE) oldest and most prestigious universities, with a proud Australian heritage. Located in Knowledge Village, and as an independent UAE institution of higher education, UOWD has an enrolment of 3,500 students, comprising more than 90 nationalities. UOWD provides a comprehensive range of undergraduate and postgraduate degrees in Business and Management, Finance and Accounting, Humanities and Social Sciences, and Computer Science and Engineering.

## CCCU HONG KONG

Community College of City University (CCCU) is recognised as a premier college in Hong Kong providing quality tertiary education. CCCU is highly regarded for its rigor in quality assurance and its emphasis on holistic education. UOW teaches a number of top-up degree programs at CCCU.

## PSB ACADEMY SINGAPORE

Established in 1964, PSB Academy has an enrolment of more than 11,000 local and international students. PSB Academy and UOW have been in partnership for 10 years, offering students a range of course options from UOW's Faculty of Business.

## SIM SINGAPORE

The Singapore Institute of Management - SIM Global Education is the leading provider of higher education and professional training in Singapore. SIM offers a wide range of high quality degree programs in partnership with UOW, including courses in Information Sciences and Psychology.

## INTI MALAYSIA

International University & Colleges (INTI) is one of the most recognised names in the private higher education industry in Malaysia. UOW teaches undergraduate and postgraduate courses at INTI campuses in Kuala Lumpur, Penang and Subang Jaya.

# Career & academic support

Top 1% for graduates

UOW is consistently ranked in the top one per cent of universities in the world for the quality of our graduates, ranking in the 151-200 band in the 2017 QS Graduate Employability Rankings.

## Work-integrated learning

At UOW you can graduate with real workplace experience and the skills employers want.

### INTERNSHIP SUPPORT

Careers Central offers support to prepare you for extracurricular workplace learning experiences or internships.

We can help you:

- Explore options and find out about paid internships and other workplace learning experiences
- Make better career choices by knowing what opportunities are available
- Maximise any internship or workplace experience you have found independently
- Understand what documentation or legal requirements are needed before starting
- Improve your CV and make positive impressions at interviews

[uow.edu.au/careers](http://uow.edu.au/careers)

### LEARNING FOR PROFESSIONAL ACCREDITATION

Professional degrees at UOW integrate practical workplace learning to earn you professional accreditation with peak national and international bodies, including Engineers Australia, the Nursing & Midwifery Board of Australia, the Australian Computer Society, and the Australian Board of Studies, Teaching and Educational Standards.

Check the UOW Course Finder online or talk to your UOW representative to find out about professional accreditation experiences available in your degree.

### UNIVATIVE

Univariate is a suite of co-curricular Work Integrated Learning (WIL) programs designed to enhance your employability. You will gain first-hand knowledge and experience of a particular organisation or industry, while working on innovative solutions to business challenges.

You will be able to demonstrate your unique skills and show potential employers how you can work in a team to solve problems.

Every year there is a new and exciting business problem for Univariate teams to solve. Past challenges have included:

- Planning and promoting an open day for professional services firm EY
- Developing communications channels for hotel group Accor
- Using Australia's National Broadband Network to help build businesses in Australian towns
- Retaining volunteers for the Cancer Council Australia

[uow.info/univariate](http://uow.info/univariate)

### VOLUNTEERING

Volunteering for a not-for-profit business or charity is an excellent way to improve skills (and make friends) while learning about Australian culture and the Wollongong community. Volunteering is a great way to show employers you're well-rounded and not afraid of a challenge.

There are many opportunities for volunteering at UOW, including:

#### THE AUSTRALIAN INDIGENOUS MENTORING EXPERIENCE (AIME)

Learn to be an academic mentor to a local school child with AIME. Volunteer mentors in the program work with young Aboriginal and Torres Strait Islander people to support them through their high school studies and help them achieve their best. Learn valuable organisational and interpersonal skills and meet lots of new people. AIME has gained national attention and welcomes international student volunteers.

[uow.info/AIME](http://uow.info/AIME)

#### UNICREW

Help run UOW student events all over campus, organise fun activities every week and support the bands that play at UOW. Organised through the Centre for Student Engagement (CSE), UniCrew are there to help make your time at UOW the best time of your life.

[uow.info/volunteering](http://uow.info/volunteering)

# Employment skills training

UOW Careers Central will teach you how to apply for work in Australia.

## GLOBAL WORKPLACE PRACTICE (GWP 800)

Global Workplace Practice 800 is an intensive subject designed to meet the employment aspirations of international students undertaking work in Australia. This 6 credit point subject combines theory and practice by giving you workplace experiences that develop their skills and intercultural competency.

In this subject you will:

- undertake an internship or industry-based project (a minimum of 48 hours and a maximum of 140 hours is to be completed in addition to class contact time during session).
- identify requirements of employers and businesses in order to participate in recruitment processes
- acquire and develop work-based learning skill sets
- develop cultural awareness and business communication skills
- apply discipline specific knowledge in a practical workplace setting
- use career management tools to develop and communicate professional qualities in future job seeking contexts

To be eligible for this subject, you must first complete a minimum of 48 credit points in an approved postgraduate course, and be eligible to work in Australia.

## INTERNATIONAL WORKPLACE PRACTICE (GWP 900)

International Workplace Practice 900 is a subject designed for Masters students in the Faculty of Business to meet the employment aspirations of international students to undertake work in Australia. This subject crosses boundaries between theory and practice and will maximise your potential to access workplace experiences that lead to employment opportunities.

You will develop cultural awareness of Australian workplaces by examining intercultural differences. From handshakes and eye contact in interviews, to ways of communicating with colleagues and management in the workplace, you will learn how to resolve conflict and make your voice heard. These skills are practical and valuable in any workplace regardless of your career aspirations.

Upon completion of the subject, you may also be eligible for a post-session internship.

Places in this subject are limited, and only students undertaking a Masters degree in the Faculty of Business at either Wollongong or Sydney CBD campus are eligible.

[uow.info/WIL](http://uow.info/WIL)

## COMMUNICATION AND ICT WORKPLACE PRACTICE (ECTE975)

Designed for students in the Master of Engineering (Telecommunications Engineering), this subject will develop your communication skills and give you a better understanding of how to apply your skills in the Australian workplace.

## PROFESSIONAL PRACTICE (ENGG942)

Professional Practice is designed for students of the Master of Engineering, to provide the skills and knowledge required to successfully enter the Australian engineering workforce. Upon completion of the subject, you may also be eligible for a post-session internship.

## CAREERS COUNSELLING

This free service is available to all UOW students. You will meet one-on-one with a qualified careers counsellor and discuss your career thinking and what you might do during and after your studies.

Often the discussion will focus around career direction and the things you can do to increase your employability, including appropriate UOW Careers services and programs.

## FACULTY CAREER CONSULTANTS

UOW employs career consultants in every faculty. These consultants give personal careers guidance tailored to your area of specialisation and help you source possible internship opportunities. They also arrange presentations from industry experts who can give you insights into a sector, or help you start building a professional network.

[uow.info/careerconsult](http://uow.info/careerconsult)

## JOB-SEEKING WORKSHOPS

Careers Central offers a variety of short workshops to you for the challenges in obtaining employment at the end of your degree. These one-hour seminars and workshops help you refine specific employment skills and help you in all aspects of the job seeking process. They cover resumes, interview skills, the hidden job market, assessment centres, selection criteria and more.

[uow.info/careerworkshop](http://uow.info/careerworkshop)

## UOWX

UOWx connects you with valuable co-curricular activities that are offered at the University of Wollongong. The personal and professional development that you gain through these activities is formally recognised through the UOWx Record and Award.

[uow.info/uowx](http://uow.info/uowx)

# Jobseeker resources

If you're planning to find work in Australia, UOW Careers Central will show you where to look.

## CAREERHUB

UOW CareerHub is an online tool that will help you find and apply for jobs, or join workshops and events during your time here (and after you graduate). Through Careerhub you can:

- Search for jobs, including graduate, vacation, part-time and casual, and work experience opportunities
- Register for workshops, employer presentations and careers expos
- Book an appointment with a careers consultant or career counsellor
- Access careers resources such as fact sheets, links, news and FAQs
- Create your resume and e-portfolio

## CAREERS EXPOS

Each year there are opportunities to meet employers on campus.

Some employers are invited to UOW to hold information sessions, while others participate in the UOW Careers Expos. UOW runs a number of expos every year. Some are general events for many different industries, and some are specific, such as the Nursing Careers Expo.

[uow.info/careerexpo](http://uow.info/careerexpo)

## ONLINE TOOLS & RESOURCES

Explore the Careers Central website and be sure to have a look through our range of useful resources including CareerHub Plus, Where Grads Go, GoinGlobal and the CareerSmart Discovery Tool. You'll also find:

- Sample resumes and resume writing guides
- Interview preparation checklists

## JOBS ON CAMPUS

An international student visa allows you to work 40 hours per fortnight (two weeks) during university session and full-time during session breaks. Jobs on Campus offers casual jobs across UOW, connecting students with employers who are looking to hire staff.

[uow.info/jobsoncampus](http://uow.info/jobsoncampus)

## Top 1% for graduates

### AS RATED BY GLOBAL EMPLOYERS

UOW is consistently ranked in the top 1% of universities in the world for the quality of our graduates, ranking in the 151-200 band in the 2017 QS Graduate Employability Rankings.

“

My UOW degree has really prepared me for the workforce. The subjects I've taken are globally recognised, and I've learnt practical skills that I'll use when I graduate.

I've worked part-time though my degree as a Disability Support Worker, which is relevant to my Nursing degree.



**SHRISTI BHARATI**  
NEPAL  
HEALTH & MEDICINE  
MASTERS OF NURSING  
INTERNATIONAL

# Services & support



As a UOW student you'll have the academic and personal support you need to succeed.

We are a student-centred university with available staff, dedicated research supervisors and a personal approach. From the day you become a UOW student, you can expect guidance and support.

## Academic support

### ACADEMIC ADVISERS AND POSTGRADUATE COORDINATORS

Each faculty has advisers and coordinators to assist you with questions about your subjects or course. You can also consult your tutor, lecturer, or the course coordinator.

### GRADUATE RESEARCH SCHOOL

The UOW Graduate Research School supports Higher Degree Research students with orientation and enrolment, scholarships, finding a supervisor, training and professional development, and thesis submission and examination.

[uow.edu.au/research/grs/](http://uow.edu.au/research/grs/)

### LEARNING DEVELOPMENT CENTRE

This free service is for students who wish to improve their academic and English language skills by accessing workshops, individual consultations or self-directed resources.

[uow.info/learningdevelopment](http://uow.info/learningdevelopment)

### LIBRARY

Our award-winning library and dedicated library staff are here to support you during your study at UOW. You'll have access to print and digital collections containing over a million volumes, and dozens of learning spaces – from quiet study spaces to group seminar rooms.

[library.uow.edu.au](http://library.uow.edu.au)

### PEER ASSISTED STUDY SESSIONS (PASS)

At PASS you'll develop your study skills and academic performance and meet new people. PASS is a group-learning program that gives you additional support in core subjects. The program consists of weekly one-hour sessions, led by peer leaders: students who have excelled at these subjects in the past.

[uow.info/pass](http://uow.info/pass)

### STATISTICAL CONSULTING SERVICE

The Statistical Consulting Service can advise on the planning of surveys and experiments, data collection, statistical analysis, and the presentation of results.

[uow.info/statconsult](http://uow.info/statconsult)

### STUDENT CENTRAL

A central office for student assistance, including enrolment matters, official documents (including transcripts), exams and results, and student fee matters.

[uow.info/central](http://uow.info/central)

### STUDENT COMPUTER RESOURCE CENTRE

Information Management & Technology Services (IMTS) provides training, user guides and student computer resources, including nine central student computer laboratories equipped with 500 desktop computers, as well as teaching laboratories and two computer science laboratories.

[uow.info/itlabs](http://uow.info/itlabs)

## Personal services

### COUNSELLING SERVICES

This free and confidential counselling service is available five 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 a greater understanding of what is occurring, or being supported while recovering from some significant life event.

[uow.info/counselling](http://uow.info/counselling)

### HEALTH AND MEDICAL

Located on Wollongong campus, Campus Health provides comprehensive health care services to UOW students and staff. Campus Health has both female and male GP doctors for friendly treatment of any of your health concerns. There are also dietitians, psychologists and a dentist on campus.

### IT SERVICES ON CAMPUS

While at the Wollongong campus you can access campus-wide wireless internet, and freely use the large computer labs. Many private and collaborative study spaces across campus have network facilities for student computers.

### RELIGIOUS SERVICES

There are a range of religious services on and off campus, including a Muslim prayer space, the Omar Mosque near the University, the Nan Tien Buddhist Temple in nearby Berkeley and the Sri Venkateswara Hindu Temple. Student-based religious clubs include the Buddhist Society; Chinese Christian Fellowship; Evangelical Christian Union; and the Muslim Students' Association.

### SAFEZONE APP

You can download SafeZone, the free smartphone app that makes it easy to ask for assistance from UOW Security Services with the press of a single button.

### STUDENT SUPPORT ADVISERS

These advisers provide support and referral services to UOW students. They also provide programs supporting student equity and diversity both within faculties and across campus. They assist you with a range of issues such as orientation to the local area, study difficulties, academic concerns, budgeting, homesickness, legal issues and accidents, student visas, health and personal problems, family emergencies, and children's education. The service is free and confidential.

### UOW SECURITY SERVICE

The Security Service helps provide a safe and secure campus environment with trained and licensed security officers providing emergency responses, first aid, after-dark escorts and patrols. They operate 24 hours a day, seven days a week.

[besafe.uow.edu.au/](http://besafe.uow.edu.au/)

### UOW WELLBEING

UOW Wellbeing is here to help you maintain a healthy, happy life balance and keep on track. Our health and wellbeing workshops and events include meditation and yoga classes, and a breakfast bar.

[uow.info/wellbeing](http://uow.info/wellbeing)

“

I did a month internship with Enware Australia. This was organised through a UOW Careers Counsellor who has good industry links. It was a great experience as I was given responsibilities and freedom to work independently. I have also used Careers Central for resume writing workshops and practising interviews to get ready to apply for jobs in Australia.

Coming to UOW has been life-changing for me. I've gained so much confidence - looking back, I wouldn't recognise myself.



**NAVIN PARAMNE**  
INDIA  
MASTER OF ENGINEERING

# Scholarships & study options

UOW degrees reflect the needs of future employers, paving the way for a specialist career with up-to-the-minute knowledge and recognised methods.

That's part of why we've spent nine years rated in the top one per cent of universities in the world by employers,<sup>1</sup> and why you can find UOW people building careers in 143 countries around the world.

<sup>1</sup> Top 200 universities in the world - 2017 QS Graduate Employability Ranking



# Scholarships

Many scholarships for international students are offered by UOW, the Australian Government and a number of international organisations.

UOW has a range of attractive postgraduate scholarships for international students. For the latest information on scholarship opportunities at UOW, go to [uow.info/intnlscholarships](http://uow.info/intnlscholarships)

## Coursework

### FACULTY SCHOLARSHIPS

For entry criteria and information on how to apply, visit the scholarship website: [uow.info/intnlscholarships](http://uow.info/intnlscholarships)

#### UOW'S SYDNEY BUSINESS SCHOOL

There are five partial tuition scholarships available for students commencing their first course at UOW's Sydney Business School in each of the three trimesters. The scholarship offers a 25 per cent reduction of the tuition fee for the standard duration of the course.

The 2018 International Student Bursary applies to all two-year Master's courses from UOW's Sydney Business School offered at our Wollongong and Sydney CBD campus, and offers a 15 per cent reduction of the tuition fee per session of study.

#### ENGINEERING

The Faculty of Engineering and Information Sciences offers a Postgraduate International Scholarship of 10 per cent of tuition fees per session.

#### SOCIAL SCIENCES

The Faculty of Social Sciences offers a Postgraduate International Scholarship of 10 per cent of tuition fees per session.

### AUSTRALIAN GOVERNMENT SCHOLARSHIPS

UOW participates in the range of schemes funded by the Australian Government – including the Australia Awards and Fellowships.

## Research

### RESEARCH SCHOLARSHIPS

UOW offers a wide range of research scholarships and awards to eligible International Higher Degree Research (HDR) students. UOW HDR scholarships are in the form of allowances to assist candidates in meeting their living costs while they undertake their research. They can include Annual Stipends, Living Allowances and Tuition Fee Costs.

The main UOW scholarship schemes are the University Postgraduate Awards (UPA) and the International Postgraduate Tuition Awards (IPTA). Applications close 17 October for Autumn (February) Session.

There are also scholarships offered by individual faculties or research centres, as well as scholarships offered in cooperation with overseas organisations such as the Chinese Scholarships Council and the Higher Education Commission, Pakistan.

Information on all research scholarship schemes, including details on how to apply (all HDR applications including scholarships must be submitted online) go to:

[uow.edu.au/research](http://uow.edu.au/research)

“

I want to give many thanks for my China Scholarship Council, UOW Postgraduate Tuition Award and UOW Faculty of Engineering and Information Sciences top-up scholarships. They cover my living expenses, which allows me to seriously focus on my PhD studies.

My research interests are mainly related to lithium ion battery cathode materials. ISEM at UOW is a flagship institute in Australia and is famous for expertise in energy storage systems.



#### Jiantie Xu

CHINA

PhD (Nanomaterials Science)

- China Scholarship Council Award
- International Postgraduate Tuition Award
- Engineering Faculty Scholarship

# Coursework

UOW Coursework programs are designed to help you make a real impact on your working environment.

You will develop a practical and relevant skills base – critical in today's workplace – from a range of subjects that present the latest findings and contemporary practices from around the globe.

Many UOW Coursework programs take a cross-disciplinary approach, allowing you to tailor your qualification to a specific area of interest. You can elect to develop your expertise in a particular area to suit your career goals.

A number of Masters programs also include the option to complete a research project.

### COURSEWORK DEGREES

Coursework programs normally have the majority of their requirements met by the completion of face-to-face classroom subjects in a particular discipline or professional area. Assessment may be based on a combination of written assignments, presentations, formal examinations, class participation or practical exercises. A minor research project, research preparation subjects, or practical experience subjects may also be included.

### TYPES OF COURSEWORK DEGREES

#### MASTERS BY COURSEWORK (1-2 YEARS)

Direct admission normally requires a recognised Bachelor degree. In most cases, a Bachelor degree in a related area to the Masters will be required for entry; however there are some opportunities to take a Masters degree in a different area to your Bachelor degree (for example, in Business).

The duration will also depend on your previous qualification; for example in Engineering and IT, it is possible to reduce the duration of the Masters to 1.5 years if you have a Bachelor degree in the same discipline. If you have a degree equivalent to an Australian Bachelor Honours, there are opportunities to complete a one-year Masters. Details of the minimum duration are provided for each course in this guide (shown in the entry requirements or as available credit transfer).

#### GRADUATE DIPLOMA (1 YEAR) GRADUATE CERTIFICATE (6 MONTHS)

These courses vary in their purpose, and are designed for students who may be seeking a different educational direction from their Bachelor degree; or those without a Bachelor degree but with other academic qualifications and/or relevant professional experience. Graduate Diplomas and Graduate Certificates also provide a pathway to a Masters course, for applicants who do not meet the entry requirement. These programs normally earn credit for subjects completed if progressing to the related Masters.

### COURSE STRUCTURES

Coursework degrees at UOW are based on a credit point structure. Individual subjects are allocated a credit point value: the majority of subjects have a value of 6 or 8 credit points (cp) each.

A typical structure for a 1.5 coursework degree is the completion of twelve subjects worth 6 cp each, totalling 72 cp. Details of the credit points required to complete each degree are shown next to the duration for each course. You should note the following when reading the course structure information:

- not all elective subjects are available in all years
- you should verify details of the latest course structures and subjects within the relevant faculty via the online Course Handbook at [uow.edu.au/handbook](http://uow.edu.au/handbook)
- individual subjects shown in the course structures may have their own prerequisites that have to be satisfied before enrolment is permitted in that subject.

### TWO-YEAR POSTGRADUATE STUDY OPTIONS

The options for two years of study in postgraduate coursework include:

- Two-year Masters courses
- Graduate Certificate or Graduate Diploma plus a Masters Degree

Full details of two-year courses and packages are noted in the relevant course section of this guide.

Students who complete two years of full-time study may qualify for a visa to remain in Australia. However, students seeking to qualify for this should be aware that being awarded a full credit exemption through a credit transfer arrangement could change their pattern of study. Their pattern of study may no longer be full-time study, defined by the Australian Government (Department of Immigration and Border Protection).

# How to use this guide

## 1. Find your degree

The index starting on page 44 lists all our degrees. The large headings indicate broad fields of interest e.g. Business or Engineering. Under each of these headings you will find smaller headings indicating a more specific area within that field e.g. Finance or Mechatronics.

### DESCRIPTION

This is a summary of the key features of the degree.

More detailed information on all our degrees can be found online at [coursefinder.uow.edu.au](http://coursefinder.uow.edu.au) or by using the web link under the course name or specialisation.

### SPECIALISATIONS

A specialisation is where you can choose to study a particular area within a single Master degree; for example, a specialisation in Network and Information Security within the Master of Computer Science.

Most degrees allow you to take a specialisation, and some even allow you to take a second specialisation; for example, the Master of Business allows two specialisations, so you could specialise in both Marketing and International Business (or any of the other options available).

A second specialisation (or double specialisation) normally does not lengthen the course duration.

This course guide indicates the specialisations available in each degree. A brief description of each specialisation is included, indicating the key areas you can expect to study in the program. For detailed lists of subjects, search for your course and go to course structure at [coursefinder.uow.edu.au](http://coursefinder.uow.edu.au)

## 2. Read about your degree

This guide gives you a summary of the important degree information. See below for an explanation of how we have presented this information.

Degree name	<b>Master of Business Administration Advanced</b>
Web address for detailed information about this degree	<a href="http://go.uow.edu.au/mba-adv">go.uow.edu.au/mba-adv</a>
The normal minimum full-time duration of this degree	CRICOS 048696M DURATION 2 years (96 cp)
The campus where the course is offered and delivered	STARTS Trimester 1 (February) Trimester 2 (May) Trimester 3 (August) LOCATION Wollongong and Sydney
English language requirement for IELTS. Equivalent scores for TOEFL and Pearson PTE can be found on page 76.	ENTRY REQUIREMENTS Recognised Bachelor degree with an equivalent average mark of 50%, plus a minimum of three years' relevant full-time professional or managerial experience and a one-page Statement of Motivation. <sup>^</sup> Other tertiary qualifications combined with extensive professional work experience will be considered. <sup>^</sup> IELTS Overall 6.5 (R:6, W:6, L:6, S:6)

The CRICOS code for this degree

UOW postgraduate degrees can start in Autumn Session (February), Spring Session (July) or Trimesters 1, 2 or 3 (February, May or August). See page 101 for key dates.

Any special entry requirements for the degree.

## 3. Important terms used in entry requirements

### ACCREDITATION

UOW courses are recognised internationally and in Australia through accreditation by professional organisations, and some of these are included under the heading 'accreditation' in the course listing.

In addition to completing an approved program of subjects within an accredited course, additional criteria may need to be fulfilled to meet the membership requirements for some organisations.

For example, completion of a period of professional experience, or independent assessment of previous qualifications or work experience.

It is your responsibility to check with the relevant accrediting authority for full details of its requirements.

### DURATION

The minimum length required for qualifications or work experience, This is full-time duration only.

### EQUIVALENT AVERAGE MARK

Where shown, a percentage mark relates to the requirement from an Australian degree.

While similar grading systems are used around the world, many countries have different systems to those used in Australia (where the pass mark is commonly 50%).

### PROFESSIONAL EXPERIENCE OR WORK EXPERIENCE

Professional experience means employment in a position relevant either to your previous academic qualifications or to the course you applied for.

The experience should be at a senior level (for example as a manager or supervisor) or in a professional discipline with a considerable level of responsibility in employment (for example engineers, accountants, health professionals, or marketing executives).

This information should be provided in the 'Employment Details' section of the application form and be supported with documentary evidence, including a detailed curriculum vitae and referee letters from previous employers.

### RECOGNISED BACHELOR DEGREE

The qualification must be assessed as equivalent to an Australian Bachelor degree and be from an institution recognised by UOW.

These assessments will take into account recommendations from the Australian Government's National Office of Overseas Skills Recognition (NOOSR), other international assessment authorities and the University's own determinations.

### RELEVANT

Used with reference to tertiary qualifications and work experience, 'relevant' means in an area related to the specific course applied for.

### TERTIARY QUALIFICATIONS

Used to refer to academic qualifications completed after high school, at an institution recognised by UOW.

### WEIGHTED AVERAGE MARK (WAM)

An average of individual subject marks weighted according to the level of the subject. For example, the mark for a 300-level (third-year) subject will contribute more to the average than a 100-level (first-year) subject.

It is expressed as a score out of 100.

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# Business

Stay ahead of an increasingly competitive and global business environment by accessing current and practical learning at UOW's Sydney Business School. Postgraduate business degrees at UOW are informed by research, recognised by industry and structured on applied outcomes, so you can gain the qualification you need to become a leader in your specialisation.

## WHY STUDY BUSINESS AT UOW

- You will have the opportunity to gain practical, real-world experience and make professional connections that will help progress your career.
- Choose between study at our Sydney CBD campus or Wollongong campus.
- Classes are offered in a flexible format, including evening and intensive mode (weekend study) so you can work while you study.
- Creating and maintaining relationships with local, national and international businesses is integral to Sydney Business School, where our teachers bring links to current industry.
- You'll be taught by accomplished, passionate educators and staff who are dedicated to providing you with the support you need to finish your postgraduate degree.
- The Faculty of Business is a signatory to the Principles of Responsible Management Education (PRME), a global initiative of the United Nations. The PRME endorses institutions that champion responsible management education, research and thought leadership.

## ONE OF THE BEST IN AUSTRALIA

The Faculty of Business has been ranked in the top 5 Best Business and Management schools in Australia in the University Reviews 2017 Rankings.

UOW ranked second among young Australian universities for Business and Management by Times Higher Education Young University Rankings in 2017.

UOW is ranked in the top 200 in the world for Accounting and Finance, and Business and Management Studies in the 2017 QS World Rankings by Subject.



UNIVERSITY OF WOLLONGONG

## LOCATIONS

Sydney Business School is the graduate school of the Faculty of Business at University of Wollongong. We offer high quality postgraduate business programs at the Sydney CBD campus located at Circular Quay and at our Wollongong campus.

## Master of Business Administration

go.uow.edu.au/mba	
CRICOS	013031G
DURATION	1.5 years (1 year fast-track option)* (72 cp)
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	Wollongong and Sydney
ENTRY REQUIREMENTS	Recognised Bachelor degree with an equivalent average mark of 50%, plus a minimum of three years' relevant full-time professional or managerial experience and a one-page Statement of Motivation*. Other tertiary qualifications combined with extensive professional work experience will be considered.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

\*The CRICOS-registered duration is 1.5 years, requiring completion of three subjects per trimester for four trimesters. Completion of four subjects per trimester or receiving credit for prior learning may enable completion in three trimesters (1 year).

^ The Statement of Motivation should be no more than one page, written in English, and should address your motivation for studying the MBA with the Sydney Business School; and how the degree will help achieve your career goals and aspirations.

The Master of Business Administration (MBA) is designed for experienced professionals with ambition and drive who wish to develop their responsible and sustainable leadership skills. You will gain a holistic strategic business point-of-view required to operate effectively in an increasingly competitive and changing global business world.

The course has been designed to cover three stages: Diagnostics, where you learn to diagnose issues in real organisations with a focus on marketing, employee engagement, talent management and accounting; Exploration, where you explore the latest thinking and practices in organisations and research worldwide, while developing skills in innovation and business transformation; and Integration and Application, where you develop your strategic decision-making skills, undertake a real-world business project and hone your personal effectiveness as a responsible leader.

Your learning approach will include relevant and current case studies as well as guest lectures delivered by industry professionals, with an emphasis on teamwork and peer learning.

## Course Structure\*

The MBA comprises 12 subjects including two elective subjects. MBA core subjects:

- Accounting for Managerial Decision Making
- Strategic Marketing Management
- Responsible Talent Management Strategies
- Design Thinking and Business Transformation
- Innovation, Entrepreneurship and Commercialisation
- Financial Strategy and Governance
- Decision Effectiveness in Strategic Management
- Strategic Business Project
- Responsible Leadership Effectiveness
- Leading Edge Management Cases

Plus two electives from an approved list.

\*subject to final approval

## Master of Business Administration Advanced

go.uow.edu.au/mba-adv	
CRICOS	048696M
DURATION	2 years (96 cp)
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	Wollongong and Sydney**
ENTRY REQUIREMENTS	Recognised Bachelor degree with an equivalent average mark of 50%, plus a minimum of three years' relevant full-time professional or managerial experience and a one-page Statement of Motivation*. Other tertiary qualifications combined with extensive professional work experience will be considered.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

\*\*All specialisations are offered at the Wollongong campus. Accounting, Finance, Supply Chain Management, Marketing and Project Management are offered at the Sydney campus.

^ The Statement of Motivation should be no more than one page, written in English, and should address your motivation for studying the MBA with the Sydney Business School; and how the degree will help achieve your career goals and aspirations.

The Master of Business Administration Advanced provides you with the opportunity to specialise further in your area of interest by completing four additional subjects from a specialisation of your choice.

## Course Structure

In addition to the Master of Business Administration (MBA) subjects, you will complete four elective subjects from one of the specialisations below.

### ACCOUNTING

- Accounting Foundations for Professionals
- Applied Management Accounting
- Professional Practice – Auditing and Risk Assurance
- Professional Practice – Taxation

### FINANCE

- Banking Theory and Practice
- Enterprise Risk Management
- Derivatives
- Multinational Financial Management

### HUMAN RESOURCE MANAGEMENT

- Human Resource Development
- Job Analysis, Recruitment and Selection
- Strategic Human Resource Management

Plus one elective from an approved list.

### SUPPLY CHAIN MANAGEMENT

- Logistics Systems
- Supply Chain Management
- Advanced Supply Chain Management
- Strategic Procurement Management

### MARKETING

- Consumer Behaviour
- Marketing Strategy
- Marketing Communications
- Research for Marketing Decisions

### PROJECT MANAGEMENT

- Advanced Project Management
- Project Management
- Project Management in Practice
- Negotiation Theory and Practice for Project Management

# Master of Business

<b>go.uow.edu.au/mbus-single</b>	
CRICOS	082826A
DURATION	1.5 years (1 year with fast-track option)* (72 cp)
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	Wollongong and Sydney**
ENTRY REQUIREMENTS	Recognised Bachelor degree with an equivalent average mark of 50%; or a UOW Graduate Certificate in Business. Other tertiary qualifications combined with extensive professional work experience will be considered.
CREDIT	If you hold a Bachelor degree in a Business or Commerce related area you may be granted credit for up to 24 cp (4 core subjects).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

\*The CRICOS-registered duration is 1.5 years, requiring completion of three subjects per trimester for four trimesters. Completion of four subjects per trimester or receiving credit for prior learning may enable completion in three trimesters (1 year).

\*\*All specialisations are offered at the Wollongong campus. Financial Management, International Business, Management and Marketing are offered at the Sydney campus.

This degree is suitable for managers seeking to further their career in a specialised field of business. Theoretical and practical knowledge and skills are developed through the study of foundation subjects, specialisation-specific core subjects and electives. The specialised knowledge and skills are consolidated through the completion of an industry-based research project.

## Course Structure

You are required to complete 12 subjects comprising four foundation subjects, a capstone research project, and seven subjects (five compulsory and two electives) from your chosen specialisation.

You may enrol in a double specialisation by selecting any two specialisations (see **Master of Business Double Specialisation** on this page).

- Foundation subjects:
- Accounting and Financial Management
  - The Economics of Global Business Challenges
  - Organisational Behaviour and Management
  - Principles of Marketing Management
- Research capstone subject:
- Business Research Project

## Specialisations

<b>FINANCIAL MANAGEMENT</b>	
<b>go.uow.edu.au/mbus-finmgmt</b>	
Compulsory subjects:	
<ul style="list-style-type: none"> <li>Financial Institutions</li> <li>Financial Statement Analysis for Business</li> <li>Managerial Finance</li> <li>Portfolio Management</li> <li>Statistics for Decision Making</li> </ul>	
Plus two electives from an approved list.	

<b>HUMAN RESOURCE MANAGEMENT</b>	
<b>go.uow.edu.au/mbus-hrm</b>	
Compulsory subjects:	
<ul style="list-style-type: none"> <li>Human Resource Development</li> <li>Job Analysis, Recruitment and Selection</li> <li>Management of Workplace Health and Safety</li> <li>Performance Management</li> <li>Strategic Human Resource Management</li> </ul>	
Plus two electives from an approved list.	

<b>INTERNATIONAL BUSINESS</b>	
<b>go.uow.edu.au/mbus-intlbus</b>	
Compulsory subjects:	
<ul style="list-style-type: none"> <li>Cross Cultural Management</li> <li>International Business Environment</li> <li>International Business Strategies</li> <li>International Marketing Strategy</li> <li>Multinational Financial Management</li> </ul>	

Plus two electives from an approved list.

<b>MANAGEMENT</b>	
<b>go.uow.edu.au/mbus-mgmt</b>	
Compulsory subjects:	
<ul style="list-style-type: none"> <li>Cross Cultural Management</li> <li>Management of Change</li> <li>Organisational Analysis</li> <li>Project Management</li> <li>Strategic Management</li> </ul>	
Plus two electives from an approved list.	

<b>MARKETING</b>	
<b>go.uow.edu.au/mbus-mark</b>	
Compulsory subjects:	
<ul style="list-style-type: none"> <li>Consumer Behaviour</li> <li>Marketing Communications</li> <li>Marketing Strategy</li> <li>Research for Marketing Decisions</li> <li>Social Marketing</li> </ul>	
Plus two electives from an approved list.	

## Professional Recognition

Graduates of the Master of Business (Financial Management) are eligible for membership of the Financial Services Institute of Australasia (FINSIA). Graduates of the Master of Business (Marketing) may be eligible for membership of the Australian Marketing Institute. Graduates of the Master of Business (Human Resource Management) meet the accreditation requirements of the Australian Human Resources Institute.

For more information, visit **business.uow.edu.au/accreditation**

## Master of Business (Double Specialisation)

<b>go.uow.edu.au/mbus-double</b>	
CRICOS	082829J
DURATION	2 years (96 cp)
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	Wollongong and Sydney**
ENTRY REQUIREMENTS	Recognised Bachelor degree with an equivalent average mark of 50%; or a UOW Graduate Certificate in Business. Other tertiary qualifications combined with extensive professional work experience will be considered.
CREDIT	If you hold a Bachelor degree in a Business or Commerce related area you may be granted credit up to 24 cp (4 core subjects).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

\*\*All specialisations are offered at the Wollongong campus. Financial Management, International Business, Management and Marketing are offered at the Sydney campus.

This degree is suitable for managers seeking to further their career in two specialised fields of business. Theoretical and practical knowledge and skills are developed through the study of foundation subjects, specialisation-specific core subjects and electives. The specialised knowledge and skills are consolidated through the completion of an industry-based research project.

This is a two-year course that allows you to select two specialisations in the Master of Business. Under this option, you will complete a total of 16 subjects. In addition to the four foundation subjects from the Master of Business, you will study 10 specialisation subjects (comprising the five core subjects for each of the two specialisations chosen), one elective subject from either of the specialisation electives, and the capstone research subject.

# Master of Applied Finance

CRICOS	083838M
DURATION	1.5 years (1 year fast-track option)* (72 cp)
STARTS	Trimesters 1 (February) and 3 (August)
LOCATION	Wollongong and Sydney
ENTRY REQUIREMENTS	A recognised Bachelor degree in a Business, Engineering, Maths or IT related specialisation with an equivalent average mark of 50% or a Graduate Certificate in Applied Finance. Other tertiary qualifications combined with extensive professional work experience will be considered.
CREDIT	If you have an offer for this course and hold a Bachelor degree in Finance you may be granted credit for up to 24 cp (4 core subjects).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

\*The CRICOS-registered duration is 1.5 years, requiring completion of three subjects per trimester for four trimesters. Completion of four subjects per trimester or receiving credit for prior learning may enable completion in three trimesters (1 year).

The Master of Applied Finance will provide you with an advanced understanding of one of three specialisations: Investing; Financial Services; or Corporate Treasury. You will study the theory and practice of financial management and gain an understanding of the global financial system. Additionally, competing approaches to corporate governance and business ethics will be developed, and you will learn how to provide protection against portfolio, financial and corporate risks.

Investing focuses on investment and portfolio management. Financial Services focuses on financial institutions, as well as bank management and lending. Corporate Treasury is concerned with the management of corporate finances.

You can undertake a two-year option by completing the Master of Applied Finance (Investing and Corporate Treasury) – see below for details.

## Course Structure

The Master of Applied Finance comprises of 12 subjects including four core subjects, six compulsory subjects from the chosen specialisation, plus two electives from an approved list.

- Core subjects:
- Financial Institutions
  - Financial Statement Analysis for Business
  - Advanced Managerial Finance
  - Statistics for Decision Making

<b>INVESTING</b>	
<b>go.uow.edu.au/mappfin-invest</b>	
Compulsory subjects:	
<ul style="list-style-type: none"> <li>Corporate Governance</li> <li>Enterprise Risk Management</li> <li>Derivatives</li> <li>Portfolio Management</li> <li>Portfolio Simulation</li> <li>Research in Financial Markets and Institutions</li> </ul>	
Plus two electives from an approved list.	

<b>FINANCIAL SERVICES</b>	
<b>go.uow.edu.au/mappfin-finserv</b>	
Compulsory subjects:	
<ul style="list-style-type: none"> <li>Banking Theory and Practice</li> <li>Bank Lending and Securities</li> <li>Corporate Governance</li> <li>Enterprise Risk Management</li> <li>International Banking</li> <li>Research in Financial Markets and Institutions</li> </ul>	
Plus two electives from an approved list.	

<b>CORPORATE TREASURY</b>	
<b>go.uow.edu.au/mappfin-cortreas</b>	
Compulsory subjects:	
<ul style="list-style-type: none"> <li>Financial Strategy</li> <li>Banking Theory and Practice</li> <li>Corporate Governance</li> <li>Enterprise Risk Management</li> <li>Multinational Financial Management</li> <li>Research in Financial Markets and Institutions</li> </ul>	
Plus two electives from an approved list.	

## Professional Recognition

Recognised by the Financial Services Institute of Australasia (FINSIA). For more information visit: **business.uow.edu.au/accreditation**

## Master of Applied Finance (Investing and Corporate Treasury)

<b>go.uow.edu.au/mapfin-ict</b>	
CRICOS	087684C
DURATION	2 years (96 cp)
STARTS	Trimesters 1 (February) and 3 (August)
LOCATION	Wollongong and Sydney
ENTRY REQUIREMENTS	A recognised Bachelor degree in a Business, Engineering, Maths or IT related specialisation with an equivalent average mark of 50% or a Graduate Certificate in Applied Finance. Other tertiary qualifications combined with extensive professional work experience will be considered.
CREDIT	If you who have an offer for this course and hold a Bachelor degree in Finance you may be granted credit for up to 24 cp (4 core subjects).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Applied Finance with a double specialisation in Investing and Corporate Treasury is for students who are interested in focusing on investment, portfolio management and corporate treasury. The degree will allow you to integrate technical, theoretical and industry knowledge on the operation and organisation of – and participation in – local and international finance. Corporate Treasury specialisation aims at exposing you to specialised knowledge and skills necessary to operate as the interface between a firm and financial markets and institutions, while the Investing specialisation focuses on investment and portfolio management.

You will undertake a total of 16 subjects. In addition to the Master of Applied Finance’s four core subjects, students undertake nine compulsory subjects from the Investing and Corporate Treasury specialisation plus three elective subjects from an approved list.

## Master of Professional Accounting

<b>go.uow.edu.au/mpa</b>	
CRICOS	087681F
DURATION	1.5 years (72 cp)
STARTS	Trimesters 1 (February) and 3 (August)
LOCATION	Wollongong and Sydney
ENTRY REQUIREMENTS	Recognised Bachelor degree with an equivalent average mark of 50% or a Graduate Certificate in Professional Accounting. Applicants with other relevant tertiary qualifications and/or substantial relevant professional or managerial experience will also be considered for entry.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Professional Accounting (MPA) is designed for students who want a career in the accounting profession. The learning experience and knowledge areas in this program are focused on the practice of accounting.

The course first introduces the fundamental principles of accounting, economics and aspects of the economic system and then proceeds to the study of specific knowledge areas which are vital for accounting professionals. You will develop knowledge and skills to apply accounting principles in the preparation and interpretation of financial statements and to enable you to research current accounting issues. You will also have an understanding of the differences between accounting principles and taxation law, and the tax implications of business activities.

You can undertake a two-year option by completing the MPA Advanced – see next page for details.

## Course Structure

The Master of Professional Accounting requires students to complete 12 core subjects:

- Accounting Foundations for Professionals
- Applied Financial Accounting
- Applied Management Accounting
- Economics for Professionals
- Law of Business Organisations
- Legal Studies for Professionals
- Management and Information Systems
- Managerial Finance
- Professional Practice – Auditing and Risk Assurance
- Professional Practice – Taxation
- Statistics for Decision Making
- Theoretical Foundations of Accounting

## Master of Professional Accounting Advanced

[go.uow.edu.au/mproacc-adv](http://go.uow.edu.au/mproacc-adv)

CRICOS	087680G
DURATION	2 years (96 cp)
STARTS	Trimesters 1 (February) and 3 (August)
LOCATION	Wollongong and Sydney
ENTRY REQUIREMENTS	Recognised Bachelor degree with an equivalent average mark of 50% or a Graduate Certificate in Professional Accounting. Applicants with other relevant tertiary qualifications and/or substantial relevant professional or managerial experience will also be considered for entry.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Professional Accounting Advanced is a two-year course designed for non-accounting graduates who want a career in the accounting profession and want to enhance their learning experience by including another discipline specialisation within their course. The learning experience and knowledge areas in the MPA Advanced are focused on the practice of accounting.

Within the MPA Advanced, you can choose to complete one of two possible specialisations, depending on your career aspirations. The Financial Management specialisation enables you to focus on areas of financial management, such as banking and securities, while the specialisation in International Business allows you to broaden your knowledge of intercultural aspects of the business environment.

## Course Structure

Master of Professional Accounting Advanced students undertake a total of 16 subjects. In addition to the Master Professional Accounting 12 core subjects, students are required to study four subjects within the International Business or Financial Management specialisation outlined below.

### FINANCIAL MANAGEMENT

- Financial Statement Analysis for Business

Plus three subjects from an approved list of Finance subjects

### INTERNATIONAL BUSINESS

- Cross Cultural Management
- International Business Environment

Plus two elective subjects from an approved list of International Business Subjects.

## Professional Recognition

The Master of Professional Accounting and the Master of Professional Accounting (Advanced) enables students to meet the educational and membership requirements of CPA Australia, Chartered Accountants ANZ, the Institute of Public Accountants, and international professional associations ACCA and CIMA.

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

## Master of Science (Supply Chain Management or Project Management)

CRICOS	042635F
DURATION	1.5 years (1 year fast-track option)* (72 cp)
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	Wollongong and Sydney
ENTRY REQUIREMENTS	Recognised Bachelor degree in a specialisation related to Business, Engineering, Maths or IT with an equivalent average mark of 50% or a Graduate Certificate in Business. Other tertiary qualifications combined with extensive professional work experience will be considered.
CREDIT	Students who have an offer for the Master of Science (Supply Chain Management or Project Management) and hold a Bachelor degree in a Project Management, Logistics, Supply Chain Management or a related area, may be granted credit for up to 24 cp (4 core subjects).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

\*The CRICOS-registered duration is 1.5 years, requiring completion of three subjects per trimester for four trimesters. Completion of four subjects per trimester or receiving credit for prior learning may enable completion in three trimesters (1 year).

### SUPPLY CHAIN MANAGEMENT

[go.uow.edu.au/msci-scmgmt](http://go.uow.edu.au/msci-scmgmt)

In today's world, it is not a company competing against another company; it is a company's supply chain competing against another company's supply chain. This course gives professionals working in logistics, supply chain management and operations management the skills to manage the flow of materials and information within and between organisations and other relevant stakeholders. You will learn how to diagnose existing processes/ supply chains and how to design and implement an innovative supply chain strategy. Skills and capabilities are developed on topics such as forecasting, sales and operational planning and procurement to name a few.

Supply Chain Management subjects:

- Logistics Systems
- Strategic Procurement Management
- Advanced Supply Chain Management
- Supply Chain Analytics

### PROJECT MANAGEMENT

[go.uow.edu.au/msci-projmgmt](http://go.uow.edu.au/msci-projmgmt)

The Project Management specialisation provides comprehensive project management skills and capabilities on the full project life cycle, from project initiation, planning, execution to project closing. It teaches strategies for dealing with a broad range of issues encountered within business organisations.

Project Management subjects:

- Advanced Project Management
- Project Management in Practice
- Managing and Leading Project Teams
- Negotiation Theory and Practice for Project Management

## Course Structure

The Master of Science (Supply Chain Management or Project Management) comprises of 12 subjects, including eight core subjects and four subjects from the chosen specialisation.

Core subjects:

- Accounting and Financial Management
- Business Research Project (MSc)
- Operations Management
- Organisational Behaviour and Management
- Principles of Marketing Management
- Project Management
- Total Quality Management
- Supply Chain Management

## Master of Science (Supply Chain Management and Project Management)

<a href="http://go.uow.edu.au/msci-scpm">go.uow.edu.au/msci-scpm</a>	
CRICOS	080830K
DURATION	2 years (96 cp)
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	Wollongong and Sydney
ENTRY REQUIREMENTS	Recognised Bachelor degree in a specialisation related to Business, Engineering, Maths or IT with an equivalent average mark of 50% or a Graduate Certificate in Business. Other tertiary qualifications combined with extensive professional work experience will be considered.
CREDIT	Studnets who have an offer for the Master of Science (Supply Chain Management and Project Management) and hold a Bachelor degree in a Project Management, Logistics, Supply Chain Management or a related area, may be granted credit for up to 24 cp (4 core subjects).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Science (Supply Chain Management and Project Management) is a two-year course that allows you to undertake two specialisations in Supply Chain Management and Project Management. This course requires you to complete a total of 16 subjects. In addition to the core subjects from the Master of Science, students study all eight subjects from both specialisations.

## PATHWAYS TO MASTERS COURSES IN BUSINESS

## Graduate Certificate in Business

[go.uow.edu.au/gcert-bus](http://go.uow.edu.au/gcert-bus)

CRICOS	095231K
DURATION	6 months (24 cp)
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	Wollongong and Sydney
ENTRY REQUIREMENTS	A recognised Bachelor degree or a tertiary academic qualification with duration of at least 3 years' full-time equivalent or 3 years' full-time equivalent managerial/professional work experience or 7 years' full-time equivalent general work experience.
IELTS	Overall 6.0 (R:6, W:6, L:5, S:5)

The Graduate Certificate in Business is suitable for current managers and employees who are seeking a career promotion by upskilling their knowledge of marketing, accounting and finance, organisational behaviour and management, and global business challenges and perspectives. It's also for those wanting to improve their insight on the application of theory and practice in business. The program includes an additional unit that will assist in building your practical skills in academic study, and improve your overall performance within the Graduate Certificate. The unit will support your successfull transition through your postgraduate study, helping you succeed in your subjects and build skills for further studies at a Masters level.

## Course Structure

You will complete four subjects:

- Accounting and Financial Management
- Organisational Behaviour and Management
- Principles of Marketing Management

Plus one of the following:

- The Economics of Global Business<sup>^</sup> or
- Operations Management<sup>^^</sup>

<sup>\*</sup>Recommended for students intending to progress to the Master of Business or MBA.

<sup>\*\*</sup>Recommended for students intending to progress to the Master of Science.

## PROGRESSION TO MASTERS COURSES

Upon successful completion of the Graduate Certificate in Business, you may enrol in a Masters program offered by Sydney Business School. You will be granted credit for four subjects in the following degrees:

- Master of Business (all single or double specialisation programs)
- Master of Science (Supply Chain Management and/or Project Management)

Progression to other Masters programs, including the MBA, may also be possible with some credit.

## Graduate Certificate in Professional Accounting

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

CRICOS	087682E
DURATION	6 months* (24 cp)
STARTS	Trimesters 1 (February) and 3 (August)
LOCATION	Wollongong and Sydney
ENTRY REQUIREMENTS	A recognised Bachelor degree or a tertiary academic qualification with duration of at least 3 years' full-time equivalent. Applicants with 3 years' full-time equivalent managerial/professional work experience in accounting will also be considered.
IELTS	Overall 6.0 (R:6, W:6, L:5, S:5)

\* subject to final approval

The Graduate Certificate in Professional Accounting is an introductory course that provides a general understanding of accounting and related areas in business, including finance and economics.

Successful completion of the Graduate Certificate in Professional Accounting provides a pathway to the Master of Professional Accounting or Master of Professional Accounting Advanced with credit of four subjects towards the Masters degree.

You are required to complete the following four subjects:

- Accounting Foundations for Professionals
- Economics for Professionals
- Statistics for Decision Making
- Managerial Finance

## PROGRESSION TO MASTERS COURSES

Upon successful completion of the Graduate Certificate in Professional Accounting, you may enrol in a Master of Professional Accounting and be eligible for credit for the four subjects completed within the Graduate Certificate of Professional Accounting. Progression to other Masters programs, including the MBA, may also be possible with some credit.

## Graduate Certificate in Applied Finance

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

CRICOS	087683D
DURATION	6 months* (24 cp)
STARTS	Trimesters 1 (February) and 3 (August)
LOCATION	Wollongong and Sydney
ENTRY REQUIREMENTS	A recognised Bachelor degree or a tertiary academic qualification with duration of at least 3 years' full-time equivalent. Applicants with 5 years' full-time equivalent managerial/professional work experience in finance will also be considered.
IELTS	Overall 6.0 (R:6, W:6, L:5, S:5)

\* subject to final approval

The Graduate Certificate in Applied Finance is an introductory course designed to provide a general understanding of areas in Applied Finance.

Successful completion of the Graduate Certificate in Applied Finance provides a pathway to the Master of Applied Finance with credit of four subjects towards the Masters degree.

You are required to complete the following four subjects:

- Financial Statement Analysis for Business
- Advanced Managerial Finance
- Statistics for Decision Making
- Financial Institutions

## PROGRESSION TO MASTERS COURSES

Upon successful completion of the Graduate Certificate in Applied Finance, you may enrol in a Master of Applied Finance and be eligible for credit for the four subjects completed within the Graduate Certificate of Professional Accounting. Progression to other Masters programs, including the MBA, may also be possible with some credit.

## COMPLETE TWO BUSINESS MASTERS DEGREES

Through approved articulation arrangements between various courses offered by the Sydney Business School, you can complete two Masters degrees and minimise the time taken to complete both programs.

The below table is a summary of articulation arrangements between Masters courses, showing the number of subjects that may be granted as advanced standing into the second course, and the minimum/maximum duration to complete both.

\*Applicants must have at least three years' relevant professional experience if articulating into the MBA from another Masters degree at UOW.

FIRST MASTERS	ARTICULATION INTO 2nd MASTERS	SUBJECTS (CP) ADVANCED STANDING IN 2nd MASTERS	SUBJECTS (CP) TO COMPLETE BOTH COURSES	DURATION TO COMPLETE BOTH COURSES
Master of Business (Financial Management)	Master of Applied Finance	4 subjects (24 cp)	12 + 8 = 20 subjects 72 + 48 = 120 cp	5 – 7 trimesters 20 – 28 months
Master of Business (any specialisation)	Master of Science (Logistics or Project Management)	4 subjects (24 cp)	12 + 8 = 20 subjects 72 + 48 = 120 cp	5 – 7 trimesters 20 – 28 months
Master of Science (Supply Chain Management or Project Management)	Master of Business (any specialisation)	Depending on specialisation students may receive additional credit (maximum credit available 6 subjects)	72 + 48 = 120 cp	20 – 28 months
Master of Science (Supply Chain Management or Project Management)	Master of Business Administration*	3 subjects (18 cp)	12 + 9 = 21 subjects 72 + 54 = 126 cp	6 – 7 trimesters 24 – 28 months
Master of Business (any specialisation)		4 subjects (24 cp)	12 + 8 = 20 subjects 72 + 48 = 120 cp	5 – 7 trimesters 20 – 28 months
Master of Business Administration	Master of Business (any specialisation)			

### WORKPLACE LEARNING SUBJECT

This subject is designed to meet the employment aspirations of international students to undertake work in Australia. The subject is a 10-week series of educational seminars and practical job seeking activities and can be taken as an elective subject for international students undertaking a two-year Masters Degree, a PhD Integrated or Master of Philosophy.

Students will acquire and develop work-based learning skill sets. They will also critically analyse the theories of intercultural competence, and develop cultural awareness and business communication skills needed for their career aspirations. It also provides an opportunity for students to integrate and apply their university knowledge in an industry context.

Students may also be eligible for a post-session internship where they can apply discipline specific knowledge in a practical work setting.

# Education

There are few other professions where you can have such a profound impact on the lives of others. Whether you want to progress your thinking in the latest teaching methods, change your direction as an educator or pursue research in this space, UOW's postgraduate Education courses can help you follow your passion and advance your career.



## WHY STUDY EDUCATION AT UOW

- UOW's School of Education has a reputation for flexible course delivery combining online learning with face-to-face classes. You can vary your study load each session depending on your work and family commitments.
- We're considered a 'university of choice' with partnership agreements signed with more than 300 schools around the region.
- Our academics – your teachers – are at the forefront of their specialisations. They are published authors, expert researchers and accredited professionals who are passionate about teaching and learning.
- UOW is focused on interdisciplinary research, giving you the opportunity to learn in our Early Start Research Institute – the most sophisticated teaching, research and community engagement initiative undertaken in Australia, and our Pedagogical Laboratory for Physical Education and Sport.
- 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 2017 as the best university in Australia for Teacher Education.

UOW also ranked in the top 150 universities in the world for Education in the QS World University Rankings by Subject 2017.

## Master of Autism

<b>go.uow.edu.au/m-aut</b>	
CRICOS	This course is only available via distance education to students studying outside Australia
DURATION	1.5 years (72 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	A recognised Bachelor degree (or equivalent) in any area with an average mark of at least 65; Graduate Certificate in Autism with an average mark of at least 65.
CREDIT	All subjects successfully completed in the Graduate Certificate will count as credit towards the Master of Education (Special Education) and Master of Autism, enabling completion within one year full-time equivalent.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Autism is an online course designed to enable professionals and parents to lead the development and implementation of strategies that support individuals on the autism spectrum.

This degree takes a social justice perspective to supporting children and adults on the autism spectrum by focussing on creating successful learning, education and employment programs in early childhood and school settings, and employment environments.

You will develop the knowledge and expertise necessary to analyse and translate current autism research in areas such as the use of technology, communities of practice, leadership, transitions, and aetiology and biology of autism spectrum disorder. You will use these skills to evaluate current practices, establish socially inclusive policies and structures, and implement evidence-based learning and employment programs that enable and support the strengths of individuals on the autism spectrum.

## Graduate Certificate in Autism

<b>go.uow.edu.au/gc-aut</b>	
CRICOS	This course is only available via distance education to students studying outside Australia
DURATION	1 year part-time (24 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	A recognised Bachelor degree in any area.
CREDIT	All subjects successfully completed in the Graduate Certificate will count as credit towards the Master of Education (Special Education) or Master of Autism, enabling completion within 1 year full-time equivalent.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Graduate Certificate in Autism is an online course that has been designed to provide professionals and parents, with the knowledge and skills required to support the successful learning and employment of individuals on the autism spectrum in a variety of school, home and employment settings.

You will examine the key principals of diagnosis and assessment, and reflect on how the history of Autism Spectrum Disorder (ASD) has led to current beliefs and the development of programs for individuals on the autism spectrum and their families. You will learn to conduct environmental assessments and implement key strategies to adjust the environment and to build in structure and supports to enhance different learning environments for individuals on the autism spectrum. You will review the current research on evidence-based practice and will be guided in utilising this research in practice for the implementation of effective learning and employment programs. You will also have an opportunity to explore the latest research and knowledge in relevant areas such as use of technology, collaborative communities of practice, leadership, transitions and self-determination of individuals on the autism spectrum.

## Master of Education

<b>go.uow.edu.au/med</b>	
CRICOS	083833E
DURATION	1.5 years (72 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	A recognised Bachelor degree in any area.
CREDIT	Applicants with a specialisation in Education plus 3 years' teaching experience may be eligible for credit for 24 cp (one session).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Education is a higher degree for teachers and educators who want to pursue advanced studies in one of several specialist areas. The program offers sound theoretical foundations and extensive practical skills that address the broader aspects of education and training.

## Course Structure

The Master of Education requires completion of 12 subjects (72 cp), normally comprising the following structure:

- Core subjects relevant to your specialisation
- Research methodology and a capstone project
- A selection of subjects in your specialisation
- Optional electives that can be taken from any Master of Education specialisation

### DISTANCE EDUCATION

The School of Education offers a number of courses by distance education mode. These include the Master of Education – including the specialisations identified below. For further information about studying by distance, visit: **[socialsciences.uow.edu.au/education/courses](https://socialsciences.uow.edu.au/education/courses)**

## Specialisations

The following provides an overview of each specialisation and an indication of subjects available.

### ADULT AND VOCATIONAL EDUCATION

This specialisation is for people who want to improve their practice or advance their career in adult and further education. Current or aspiring educators, coordinators and leaders of organisations such as professional, vocational and community education providers or private colleges will benefit from studying this degree.

Subjects include:

- Introduction to Research and Inquiry\*
- Innovation for Practitioners in Adult, Vocational and Higher Education\*
- Learning About Learning in Adult, Vocational and Higher Education\*
- Minor Project in Adult, Vocational and Higher Education
- Curriculum Design and Evaluation
- Introduction to Technology in Education
- Multiliteracies and Numeracies in Adult, Vocational and Higher Education
- Online Learning and Teaching
- Teaching for Diversity in Adult, Vocational and Higher Education
- The Global Challenge in Adult, Vocational and Higher Education

\*Required subjects for this specialisation.

A Graduate Diploma in Adult and Vocational Education (see page 48) is also available. Students complete a program of eight subjects based on subjects available in the Masters course structure above.

### EDUCATIONAL LEADERSHIP

This Educational Leadership specialisation is for people who are currently in leadership roles or who wish to pursue leadership positions in a wide range of organisations, including schools, private industry, training providers, government and policy related fields. Whether you are a recent graduate or an established educator, this program will provide a firm foundation for pursuing higher level positions in educational administration, management or policy. Subjects include:

- Introduction to Research and Inquiry\*
- Foundations of Educational Leadership\*
- Introduction to Educational Management\*
- Minor Research Project In Educational Leadership\*
- Leadership of Curriculum, Instruction and Assessment
- Leadership of Effective Change
- Leading, Developing & Managing People
- Mentoring Beginning Teachers

\*Required subjects for this specialisation.

### HIGHER EDUCATION

This specialisation is for people who lead and manage teaching in tertiary education settings. Program managers, course coordinators, heads of departments and leaders of organisational units in universities and higher education institutes can update their knowledge in effective teaching and learning practices. People currently working in higher education settings who have responsibility for or who aspire to leadership and management positions will find this course highly relevant to their career goals. Subjects include:

- Introduction to Research and Inquiry\*
- Innovation for Practitioners in Adult, Vocational and Higher Education\*
- Learning About Learning in Adult, Vocational and Higher Education\*
- Minor Project in Adult, Vocational and Higher Education\*
- Introduction to Technology in Education
- Online Learning and Teaching
- Curriculum Design and Evaluation
- Teaching for Diversity in Adult, Vocational and Higher Education
- The Global Challenge in Adult, Vocational and Higher Education

\*Required subjects for this specialisation.

### INFORMATION AND COMMUNICATION TECHNOLOGY IN EDUCATION AND TRAINING (ICT)

This specialisation is for graduates who wish to update and refine their skills in using modern technologies in teaching and learning. The program is suitable for those who already use ICT in their current roles and also for those who want to expand their career opportunities through exposure to eLearning technologies. Subjects include:

- Introduction to Research and Inquiry\*
- Psychology for Educators\*
- Introduction to Technology in Education\*
- Minor Project in ICT\*
- Emerging Issues in Educational Technology
- Evaluation of Technology-Based Learning
- Instructional Strategies and Design
- Digital Resource Design
- Online Learning and Teaching

\*Required subject for this specialisation.

### INTERDISCIPLINARY STUDIES

Interdisciplinary Studies in Education is for educators seeking a flexible degree where areas of study can be tailored to their needs and interests. The program suits graduates and professionals who are looking to diversify or change their career direction. The program will also be of interest to graduates seeking a broad base in the field of education and training. Skills learnt will underpin career goals in generalist education roles in fields such as staff training and development or policy and planning. This specialisation allows flexible studies across multiple areas of education. Subjects include:

- Introduction to Research and Inquiry\*
- Psychology for Educators\*
- Introduction to Technology in Education\*
- Foundations of Educational Leadership\*
- Minor Research Project in Education\*
- Vygotskian Studies in Education

Students select additional subjects from any of the other specialisation options

### LITERACY

The Master of Education (Literacy) is designed to support teachers implementing the new literacy and language curriculum in Australian schools. Students who wish to undertake this specialisation should have teaching experience in Australian schools. Subjects include:

- Introduction to Research and Inquiry\*
- Current Issues in English Curriculum and Policy\*
- Expanding Literacy Repertoires\*
- Knowing About Language in English K-10\*
- Learning Environments for Literacy Development\*
- Literature for Children and Young People\*
- Introduction to Technology in Education
- Leadership of Curriculum, Instruction and Assessment
- Approaches to Reading Difficulties: Theories and Strategies
- Second Language Literacy
- Minor Research Project in Education
- Vygotskian Studies in Education

\*Required subjects for this specialisation.

### SPECIAL EDUCATION

The Special Education specialisation is designed to provide professional training for qualified primary and secondary teachers to take up special education positions in schools. Non-school teachers who want to enhance their general knowledge and skills in special education for young people can also undertake the program. Subjects include:

- Introduction to Research and Inquiry\*
- Introduction to Inclusive Education: Strategies, Policies and Legislation\*
- Investigating Issues in Special Education/Inclusive Education\*
- Approaches to Reading Difficulties: Theories and Strategies
- Assessment and Instruction of Individuals with High Support Needs
- Assessment and Instruction of Students with Learning Difficulties
- Autism and Learning
- Curriculum for Gifted Learners
- Learning Environments for Individuals on the Autism Spectrum
- Learning Curriculum and Plans for Individuals on the Autism Spectrum
- Giftedness in Special Populations
- Language and Communication Difficulties: Theory and Practice
- Models of Behaviour Management
- Teaching Gifted Children
- Technologies for Students with Special Needs
- Professional Experience in Special Education

\*Required subjects for this specialisation.

## TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL)

UOW TESOL programs provide specialist qualifications for those who want to teach English to speakers of other languages in Australia or internationally.

### Master of Education Advanced (TESOL)

<b>go.uow.edu.au/med-adv-tesol</b>	
CRICOS	088676F
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July), November (Distance)
ENTRY REQUIREMENTS	A recognised Bachelor degree in any area.
CREDIT	Applicants with a specialisation in Education plus 3 years' teaching experience may be eligible for credit for 24 cp (one session).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

### Master of Education (TESOL)

<b>go.uow.edu.au/med-tesol</b>	
CRICOS	083833E
DURATION	1.5 years (72 cp)
STARTS	Autumn (February), Spring (July), November (Distance)
ENTRY REQUIREMENTS	A recognised Bachelor degree in any area.
CREDIT	Applicants with a specialisation in Education plus 3 years' teaching experience may be eligible for credit for 24 cp (one session).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

### Graduate Diploma in TESOL

<b>go.uow.edu.au/gdip-tesol</b>	
CRICOS	020206J
DURATION	1 year (48 cp)
STARTS	Autumn (February), Spring (July) (Distance only) & November (Distance only)
ENTRY REQUIREMENT	Recognised Bachelor degree in any area.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

### Graduate Certificate in TESOL

<b>go.uow.edu.au/gcert-tesol</b>	
CRICOS	020199C
DURATION	6 months (24 cp)
STARTS	Autumn (February), Spring (July) (Distance only) & November (Distance only)
ENTRY REQUIREMENTS	A recognised Bachelor degree in any area.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Education and Master of Education Advanced (TESOL) introduces participants to contemporary trends and issues in research, theory and practice of TESOL. It is suitable for experienced teachers wishing to upgrade or refine their English as a Second Language (ESL) teaching skills and for people who are new to education and wish to pursue careers in English language teaching in the adult education sector such as working with private colleges or migrant services. Students in the Advanced Masters degree broaden their TESOL study by undertaking further study in one of two areas:

- Educational Leadership
- Information and Communication Technology in Education and Training

The course includes an optional supervised TESOL practicum.

The Graduate Certificate is a specialist qualification for people who want to teach English to speakers of other languages in Australia or overseas. The specialisation offers sound theoretical foundations and extensive practical skills that address the broader aspects of education and training.

### Course Structure

The Master of Education with a specialisation in TESOL requires completion of 72 cp as per the structure below.

Core subjects (18 cp):

- Introduction to Research and Inquiry
- Researching TESOL Perspectives and Practices
- Theories of Second Language Learning\*

Seven subjects from the TESOL specialisation:

- Engaging Diversity: Exploring Contexts of EAL (English as Additional Language) Education\*
- Pedagogical Grammar\*\*
- Assessing and Evaluating in TESOL Environments
- English in Specific Contexts
- English Pronunciation and Prosody
- Materials and Technology in Second Language Teaching
- Methodology in Second Language Teaching\*\*
- Oral Communication and Pedagogy
- Professional Experience in TESOL\*
- Second Language Literacy
- Teaching English in International Contexts\*
- Text and Context

Plus two electives (12 cp) from the above list, or other approved electives.

Students in the Master of Education Advanced program can broaden their qualifications by including four subjects in either the Educational Leadership or ICT sub-specialisation.

#### EDUCATIONAL LEADERSHIP

- Foundations of Educational Leadership
- Introduction to Educational Management
- Leadership of Effective Change
- Mentoring Beginning Teachers
- Leading, Developing and Managing People

#### INFORMATION AND COMMUNICATION TECHNOLOGY IN EDUCATION AND TRAINING (ICT)

- Introduction to Technology in Education
- Emerging Issues in Educational Technology
- Instructional Strategies and Design
- Digital Resource Design
- Online Learning and Teaching
- Evaluation of Technology-Based Learning

The Graduate Diploma in TESOL requires completion of eight subjects (48 cp). Students complete six core subjects (marked with either a single \* or double asterisk\*\*), in the Masters structure above with an additional two approved elective subjects.

The Graduate Certificate in TESOL requires four subjects (24 cp), three of the core subjects from the Graduate Diploma (marked with a double asterisk\*\*) plus one elective.

#### ARTICULATION

Students completing the Graduate Certificate in TESOL are eligible to progress to either the Graduate Diploma in TESOL or the Master of Education (TESOL) with credit for the four subjects (24 cp) completed.

### Graduate Diploma in Adult and Vocational Education

<b>go.uow.edu.au/gdip-advoc</b>	
CRICOS	083555M
DURATION	1 year (48 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised 3-year Bachelor degree, or other tertiary qualifications and/or appropriate professional experience.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

This program is for people who work in the Adult and Vocational education and training sector. This qualification provides you with fundamental knowledge and skills for teaching adults and can be used to advance your career opportunities with training providers, colleges and community education providers. It includes the study of innovation in adult education, teaching and learning theory and practice in diverse settings, multi-literacies and numeracies of learners, and technology in education.

### Graduate Certificate in Health and Physical Education

<b>go.uow.edu.au/gcert-physed</b>	
CRICOS	083964E
DURATION	6 months (24 cp)
STARTS	January Intake
ENTRY REQUIREMENTS	Recognised 3-year Bachelor degree, or other tertiary qualifications and/or appropriate professional experience.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Graduate Certificate in Health and Physical Education is designed to update and refresh knowledge in relation to adolescent health and physical activity. It will also provide an avenue for professional development of practising teachers. The program is also a bridging course for tertiary graduates applying for the Master of Teaching (Secondary) who hold a degree that does not satisfy the Department of Education's (DE) requirements for teaching Health and Physical Education in schools.

### Graduate Certificate in Tertiary Teaching & Learning Practices

<b>go.uow.edu.au/gcert-ttlp</b>	
CRICOS	083558G
DURATION	6 months (24 cp)
STARTS	Autumn (February)
ENTRY REQUIREMENTS	Recognised Bachelor degree in any area. Other qualifications combined with relevant professional experience may also be considered.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Graduate Certificate in Tertiary Teaching and Learning Practices is for educators who are currently working in, or wish to work in the higher education sector. The program will enhance your career opportunities by upskilling your teaching practices in the flexible and diverse field of tertiary education.

#### ARTICULATION

Students successfully completing the Graduate Certificate in Tertiary Teaching & Learning Practices may progress to the Master of Education and receive credit for all four subjects completed.

## PRIMARY AND SECONDARY TEACHER EDUCATION

### Master of Teaching (Primary)

<b>go.uow.edu.au/mteach-prim</b>	
CRICOS	080833G
DURATION	2 years (96 cp)
STARTS	Autumn (February)
ENTRY REQUIREMENTS	A recognised Bachelor degree with an approved level of subjects relevant to Primary Education. For detailed information see <a href="https://socialsciences.uow.edu.au/education/courses">socialsciences.uow.edu.au/education/courses</a>
IELTS	Overall 7.5 (R:7, W:7, L:8, S:8)

### Master of Teaching (Secondary)

<b>go.uow.edu.au/mteach-sec</b>	
CRICOS	080834F
DURATION	2 years (96 cp)
STARTS	Autumn (February)
ENTRY REQUIREMENTS	A recognised Bachelor degree with an approved level of subjects relevant to Secondary Education. For detailed information see <a href="https://socialsciences.uow.edu.au/education/courses">socialsciences.uow.edu.au/education/courses</a>
IELTS	Overall 7.5 (R:7, W:7, L:8, S:8)

The Master of Teaching degree is for Bachelor graduates from non-teaching courses who want to become primary or secondary teachers. On completion of this degree, you will obtain formal qualifications making you eligible to teach in public and private schools.

You will combine the practical and theoretical elements of teaching by engaging in professional aspects, including methods and professional practice.

The course provides students with more than 60 days of professional experience in local schools, with options to apply for 'out-of-area' (e.g. in rural NSW) and/or overseas professional experience (e.g. Thailand, China, Fiji).

In the final session of study, you will take part in our mentored interview program, which aims to help you prepare for your interview with the Department of Education (DE).

#### SECONDARY METHODS

Secondary methods currently offered are: Business Studies/Economics, Legal Studies, Geography, Modern or Ancient History, English, Drama, Mathematics, Science, Visual Art, Music, Society and Culture and TESOL. The methods offered are subject to demand, meaning that not all methods are guaranteed to be offered each year.

### Professional Recognition

The Master of Teaching (Primary) and Master of Teaching (Secondary) are accredited and recognised as a national professional teaching qualification.

Students seeking work outside NSW or Australia are advised to check with potential employers and other teacher registration authorities for any additional requirements.

Students who have studied overseas may be required to meet additional requirements set by the NSW Education Standards Authority in order to qualify as teachers in NSW.

All students completing a NSW teacher education course will need to pass an approved literacy and numeracy test.

#### IMPORTANT NOTE

New enrolling students will be required to complete the new online Working with Children Check and clearance must be obtained prior to attending any Professional Experience. [www.kidsguardian.nsw.gov.au/check](https://www.kidsguardian.nsw.gov.au/check)

## EDUCATIONAL LEADERSHIP

### Master of Education Advanced (Educational Leadership)

go.uow.edu.au/med-adv-lead

CRICOS	088676F
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July), November (Distance)
ENTRY REQUIREMENTS	A recognised Bachelor degree in any area.
CREDIT	Applicants with a specialisation in Education plus 3 years' teaching experience may be eligible for credit for 24 cp (one session).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Education Advanced (Educational Leadership) is a higher degree for professional educators and those who are interested in pursuing a career in Educational Leadership. This degree can be tailored to suit individual career goals by combining Educational Leadership studies with further study in one of the following areas:

- Teaching English to Speakers of Other Languages (TESOL)
- Higher Education
- Information and Communication Technology in Education and Training

You will study the fundamentals of leadership and management, and apply this to your practice as educators. You will also enhance your skills in mentoring new educators, managing curricula, supporting staff development and leading organisational change.

You will also conduct an individualised research project that ties in with your work, interests and study areas.

# Engineering

UOW's postgraduate engineering programs expose students to top-level research in engineering and materials science. Home to some of Australia's best labs and workshops, Engineering at UOW puts an emphasis on innovation and focuses on developing practical skills to place you at the forefront of industry.

#### WHY STUDY ENGINEERING AT UOW

- Be at the forefront of innovation and learn using UOW's top facilities, including more than 100 well-designed engineering laboratories and workshops.
- 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.
- Utilise our strong national and international industry connections and world-class research reputation.
- UOW is a member of the Group of Eight (Go8) Engineering and Associates, in recognition of being among the top Australian engineering faculties. This achievement is a direct result of our world-class reputation in teaching and research.
- 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.

#### THE BEST IN AUSTRALIA

The Federal Government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2017 as the best university in Australia for Engineering.

UOW also ranked in the top 50 universities in the world for Mineral and Mining Engineering, top 150 for Materials Science, Civil and Structural Engineering, and top 200 for Mechanical Engineering in the QS World University Rankings by Subject 2017.



UOW is a member of the Group of Eight (Go8) Engineering and Associates, in recognition of being among the top Australian engineering faculties. This achievement is a direct result of our world class reputation in teaching and research.

## Master of Engineering

CRICOS	083844B
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised 4-year Bachelor of Engineering with an equivalent average mark of 60%.
CREDIT	Applicants with a specialisation in the same area as their proposed Master of Engineering specialisation may apply for credit for 24 cp (one session). Applicants with a Bachelor Honours degree in the same area may apply for credit for 48 cp (1 year).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Engineering is a degree that delivers expert skills and applied competencies required for the professional engineer. It is designed to train and enhance professional practice, advance technical and specialist skills, and provide an opportunity to put theory into practice with applied projects and research. The degree also delivers communication, strategic and project management skills essential to the practising engineer. The following are available as specialisation studies within the degree:

- Asset Management
- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Environmental Engineering
- Innovative Manufacturing
- Management
- Materials Engineering
- Mechanical Engineering
- Mechatronics Engineering
- Mining Engineering
- Telecommunications Engineering

## Course Structure

### SPECIALISATIONS IN CIVIL, ENVIRONMENTAL AND MINING ENGINEERING

Core subjects:

- Engineering Computing
- Engineering Project Management
- Engineering Research Methods
- Innovation and Design
- Professional Practice
- Structural Design Based on Australian Standards
- Sustainability for Engineers, Scientists and Professionals\*
- Dissertation (Research Project)

Plus subjects from the selected specialisation. The following subjects provide a guide to the subjects available. For further information refer to the web links provided.

\*not required for Mining Engineering specialisation

### CIVIL ENGINEERING

go.uow.edu.au/meng-civil

- Advanced Computer Applications
- Advanced Design of Masonry Structures
- Advanced Foundation Engineering
- Advanced Soil Mechanics
- Construction Management
- Engineering Hydrology
- Sustainable Roads and Railway Engineering

### ENVIRONMENTAL ENGINEERING

go.uow.edu.au/meng-enviro

- Air and Noise Pollution Management
- Coastal River and Groundwater Engineering
- Engineering Project Management
- Environmental Engineering Processes Design
- Industrial Waste Engineering and Cleaner Production
- Membrane Processes and Applications
- Site Contamination and Remediation Technologies
- Sustainable Energy Technologies
- Water Quality Engineering and Management

### MINING ENGINEERING

go.uow.edu.au/meng-mining

- Advanced Mining Safety
- Advanced Mineral Resource Estimation Methods
- Environmental Control in Mines
- Mine Planning and Development
- Mineral Valuation Risk Analysis
- Rock Mechanics
- Studies in Underground Mining
- Studies in Surface Mining

### SPECIALISATIONS IN ASSET MANAGEMENT, INNOVATIVE MANUFACTURING, MANAGEMENT, MATERIALS, MECHANICAL AND MECHATRONIC ENGINEERING

Core subjects:

- Engineering Computing
- Engineering Project Management
- Engineering Research Methods
- Innovation and Design\*
- Professional Practice
- Strategic Management for Engineers and Technologists\*\*
- Dissertation (Research Project)

Plus subjects from the selected specialisation. The following subjects provide a guide to the subjects available. For further information see the Course Handbook at [uow.edu.au/handbook](http://uow.edu.au/handbook)

\*not required for Materials Engineering specialisation

\*\*not required for Asset Management specialisation

### ASSET MANAGEMENT

go.uow.edu.au/meng-assetgmt

- Financial Management for Engineered Assets
- Life-Cycle and Risk Management
- Maintenance Requirements Analysis
- Modelling of Engineering Management Systems
- Project Implementation and Outsourcing
- Sustainability for Engineers, Scientists and Professionals
- Systems Reliability Engineering

Additional electives chosen from Engineering or the Sydney Business School subjects.

### INNOVATIVE MANUFACTURING

go.uow.edu.au/meng-innmanu

- Advanced Computer Control of Machines and Processes
- Advanced Manufacturing Processes
- Advanced Robotics
- Casting and Forming
- Energy Efficiency in Manufacturing and Process Industries
- Integrated Manufacturing Systems
- Sustainable Energy in Buildings
- Strategic Management for Engineers and Technologists

Additional electives chosen from Materials or Engineering subjects.

### MANAGEMENT

go.uow.edu.au/meng-mgmt

- Sustainability for Engineers, Scientists and Professionals
- Engineering Project Management
- Financial Management for Engineered Assets
- Life-Cycle and Risk Management
- Strategic Management for Engineers and Technologists
- Modelling of Engineering Management Systems
- Supply Change Management

Additional electives chosen from Engineering or the Sydney Business School subjects.

### MATERIALS ENGINEERING

go.uow.edu.au/meng-mat

- Corrosion Wear and Fatigue
- Metallic Materials
- Recent Developments in Materials
- Selection and Design of Materials
- Structural Analysis of Materials

Additional electives chosen from Materials or Engineering subjects.

### MECHANICAL ENGINEERING

go.uow.edu.au/meng-mechan

- Advanced Manufacturing Processes
- Finite Element Techniques in Mechanical Engineering
- Integrated Manufacturing Systems
- Sustainable Transport and Engine Technology

Additional electives chosen from Materials or Engineering subjects.

### MECHATRONIC ENGINEERING

go.uow.edu.au/meng-mechat

- Advanced Computer Control of Machines and Processes
- Advanced Robotics
- Intelligent Control
- Sustainability for Engineers, Scientists and Professionals
- Strategic Management for Engineers and Technologists

Additional electives chosen from the Mechanical and Electrical Engineering specialisations.

### SPECIALISATIONS IN COMPUTER, ELECTRICAL & TELECOMMUNICATIONS ENGINEERING

Core subjects:

- Advanced Laboratory
- Advanced Project
- Communication and ICT Workplace Practice
- Engineering Research Methods

### ELECTRICAL ENGINEERING

go.uow.edu.au/meng-elect

- Advanced Signals and Systems
- Identification and Optimal Control
- Renewable and Distributed Generation

Plus an additional three subjects selected from the electives from Electrical, Computer, Mechanical or Engineering subjects. For more information see the Course Handbook: [uow.edu.au/handbook](http://uow.edu.au/handbook)

### COMPUTER ENGINEERING

go.uow.edu.au/meng-comp

- Advanced Signals and Systems
- Image and Video Processing
- Internet Networking Protocols

Plus an additional three subjects selected from the electives from Electrical, Computer, Mechanical or Engineering subjects. For further information see the Course Handbook at [uow.edu.au/handbook](http://uow.edu.au/handbook)

### TELECOMMUNICATIONS ENGINEERING

go.uow.edu.au/meng-telecomm

- Advanced Signals and Systems
- Mobile Networks

Plus an additional three subjects selected from the electives from Electrical, Computer, Mechanical or Engineering subjects. For more information see the Course Handbook: [uow.edu.au/handbook](http://uow.edu.au/handbook)

Students will then select a further three subjects from the list below based on advice and approval from the Course Coordinator. Subjects available include:

- Communication Systems
- Control Theory
- Data Communications
- Digital Signal Processing
- Internet Networking Protocols
- Microcontroller Architecture and Applications
- Multimedia Signal Processing
- Optical Communication Systems
- Network Engineering
- Power Engineering 1
- Power Engineering 2
- Wireless Communication Systems

## Professional Recognition

The following specialisations have been awarded full accreditation with Engineers Australia: Civil, Electrical, Materials, Mechanical and Telecommunications Engineering.

The following specialisations have been awarded provisional accreditation with Engineers Australia: Computer, Environmental, Innovative Manufacturing, Mechatronic and Mining Engineering.

Asset Management is under deferred consideration for provisional accreditation.

## Master of Engineering Management

go.uow.edu.au/memgmt

CRICOS	051350M
DURATION	1 year (48 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised 4-year Bachelor of Engineering with an equivalent average mark of 60%.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Engineering Management (48 cp) degree provides a strong grounding in modern management thinking that is applicable to the engineering and manufacturing industries. Graduates will be able to work in teams and with managers from other disciplines, including finance, human resources and management. They will be well-equipped to advance their careers into senior managerial positions.

## Course Structure

Students are required to complete the six core subjects and two electives as below.

Core subjects:

- Engineering Logistics
- Innovation and Design
- Engineering Project Management
- Modelling of Engineering Management Systems
- Strategic Management for Engineers and Technologists
- Financial Management for Engineered Assets

And two electives from Engineering or Sydney Business School subjects.

Topics include:

- Australian workplace culture and practices
- Communication skills for the job search and recruitment processes in the Australian context
- Engineering regulatory environment, including OHS and site visits
- Intercultural communication skills

Students in Electrical, Computer and Telecommunications Engineering specialisations take Communication and ICT Workplace Practice instead of ENGG942.

### PROFESSIONAL PRACTICE SUBJECT ENGG942

Professional Practice is designed to provide students with skills and knowledge to prepare them for the Australian engineering workplace.

Engineering workplace practices, regulatory requirements and recruitment processes are all covered in this subject, as well as communication, marketing and career development, to support graduates seeking employment.

## DISTANCE / ONLINE COURSES

Open to international students studying in their home countries.

### Graduate Certificate and Master of Engineering Asset Management

CRICOS	This course is only available via distance education to students studying outside Australia
DURATION	2 years studied part-time (48 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	A recognised 4-year Bachelor of Engineering degree with an equivalent average mark of 60%
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

You will regularly engage directly with lecturers online in this distance program, and interact with your classmates in discussion forums built into our online learning system.

- Financial Management for Engineered Assets
- Life-Cycle and Risk Management
- Maintenance Requirements Analysis
- Modelling of Engineering Management Systems
- Project Implementation and Outsourcing
- Systems Reliability Engineering

Then choose either option A or option B below:

Option A

- Asset Management System Design
- Leading in Contemporary Organisations

Option B

- Dissertation

### Graduate Certificate and Master of Rolling Stock Engineering

CRICOS	This course is only available via distance education to students studying outside Australia
DURATION	2 years studied part-time (48 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	A recognised Bachelor of Engineering degree, or a Graduate Certificate in Rolling Stock Engineering with an average mark of 65%. Applicants holding other tertiary qualifications with at least 5 years' relevant industry experience and who are nominated by their employer may be considered for the Graduate Certificate in Rolling Stock Engineering.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The majority of students enrolled in these degrees are employed in the rail industry, however a support program is available to students without industry contact. The Graduate Certificate consists of four subjects and the Master program has six subjects plus a dissertation project.

The Graduate Certificate comprises four of the following five subjects:

- Railway and Rolling Stock Environment
- Rail Motive Power
- Rail Vehicle Design
- Rolling Stock Safety and Braking Systems
- Rolling Stock Dynamics

Additional subjects for Master program:

- Rolling Stock Engineering Design, Construction and Maintenance
- Dissertation Project

# Health and Medicine

Have a greater positive influence on the wellbeing of others through postgraduate study. As a UOW Health and Medicine student, you will enjoy access to modern, purpose-built facilities, and experienced clinicians and researchers, to give you skills that can be applied to real-world challenges today and in the future.

## WHY STUDY HEALTH AND MEDICINE AT UOW

- Access to dedicated teaching laboratories for physiology, histology, biochemistry, exercise physiology, exercise rehabilitation, nutrition and biomechanics.
- Take your learning beyond the textbook to the Human Anatomy Laboratory, one of only a few cadaver-based anatomy labs outside of traditional medical faculties.
- Work and study at the same time with flexible learning options. Many programs are offered via distance, in intensive blocks, or in the afternoon and evening.
- UOW maintains strong links with industry so you can have confidence that your course reflects the needs of industry and takes the latest approach to health and medical education.
- You'll learn from professional and passionate clinicians, dietitians, nurses, doctors, exercise physiologists, medical scientists, health administrators and leading researchers.
- Peak professional bodies accredit our degrees. See individual course descriptions for more detail.

## ONE OF THE BEST IN AUSTRALIA

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2017 as the best university in New South Wales and the ACT for Medicine.

UOW is also ranked as the best university in New South Wales and the ACT for Health Services and Support.

Our School of Medicine enjoys an excellent reputation and is ranked in the top 350 institutions in the world in the subject field of Medicine in the QS World University Rankings by Subject (2017).

## Doctor of Medicine

<b>go.uow.edu.au/doc-med</b>	
CRICOS	089196C
DURATION	4 years (full-time study)
STARTS	January
LOCATION	Wollongong and Shoalhaven
ENTRY REQUIREMENTS	Completed recognised undergraduate Bachelor degree in any field. Minimum weighted GPA of 5.0 on a 7-point scale or 2.8 on a 4-point scale. GAMSAT exam with minimum 50 in all sections. MCAT results for exams taken from January 2015 onwards: a minimum overall MCAT score of 495, and a minimum score of 123 in each sub-section. Applicants with results slightly under these MCAT scores are still encouraged to apply as an overall decision will be made based on the strength of all aspects of their application. GAMSAT and MCAT exam results should not be over two years old at time of application. Competitive UOW GM admission portfolio demonstrating personal attributes. Strong performance at structured interview.
IELTS	Overall 7.0 (R:7.0, W:7.0, L:7.0, S:7.0)

**Graduate Medical School Admissions Test (GAMSAT):**  
The GAMSAT test is offered once each year in Australia, United Kingdom and Ireland. In Australia the test is held in March of each year. Please visit [gamsat.acer.edu.au](http://gamsat.acer.edu.au) for details regarding GAMSAT.

**Medical College Admission Test (MCAT)**  
The MCAT test is offered a number of times each year in a range of countries. Please visit [students-residents.aamc.org/applying-medical-school/taking-mcat-exam](http://students-residents.aamc.org/applying-medical-school/taking-mcat-exam) for details regarding MCAT.

Medicine is potentially one of the most exciting and challenging of all professions. A Doctor of Medicine aims to produce knowledgeable, caring and competent graduates, well prepared to practise medicine under supervision as interns, and subsequently to commence vocational training in any area of medicine. UOW’s School of Medicine offers a four-year program of study to high performing graduates. We encourage applications from high performing students from a diverse range of backgrounds. No preference is given to any particular undergraduate degree.

## Course Structure

The UOW MD course is a four-year program, with each academic year being approximately 42 weeks in length. In the first year, students participate in approximately 25 hours of structured and an additional 20–30 hours of self-directed teaching and learning experiences each week. As the course progresses and the clinical exposure increases. By the fourth phase the face-to-face requirement resembles full-time clinical work.

The degree is organised into four themes of curriculum content:

- medical sciences
- clinical competencies
- personal and professional development
- research and critical analysis

Case-Based Learning (CBL) activities occur regularly throughout the course and have been designed to allow students to integrate their learning in all other themes of the course. Typically, each CBL starts with a patient presenting problems to the students. After the presentation, students work in small groups to identify what they need to study in order to understand and manage the patient’s problems.

## Professional Recognition

UOW’s medical program is accredited by the Australian Medical Council (AMC), which means that graduates of the course are eligible for registration as a medical practitioner. After completion of the MD degree, Australian graduates are required to complete an intern year in an Australian hospital as a prerequisite to full medical registration. These internships may not be available to graduates who are not Australian citizens.

The UOW MD is an internationally recognised medical degree and students may undertake postgraduate training in a number of countries outside of Australia, including Canada, USA, UK and New Zealand.

Australian citizens who hold Commonwealth Supported Places in medical schools are guaranteed an internship upon graduation from a medical program within NSW. However, this guarantee does not extend to international students. Please visit the NSW Health Education & Training Institute (HETI) website for information on Internships in NSW: [heti.nsw.gov.au](http://heti.nsw.gov.au)

## Master of Clinical Exercise Physiology

<b>go.uow.edu.au/mclinphys</b>	
CRICOS	083831G
DURATION	1.5 years (72 cp)
STARTS	Autumn (February)
ENTRY REQUIREMENTS	A recognised Bachelor degree in exercise science of at least three years’ duration, or have ESSA approved Graduate Entry status. Applicants must also have acquired a minimum of 140 hours of supervised clinical placement with healthy populations. Submission of a Supplementary Information form, with 3 referees, reports and a personal statement is also required. Applications must be received by 30 September.
IELTS	Overall 6.5 (R:6.5, W:6.5, L:6.5, S:6.5)

The Master of Clinical Exercise Physiology aims to produce professional exercise physiologists who can utilise exercise to prevent and rehabilitate those with chronic disease and injury in the broader community.

## Course Structure

**YEAR 1**

- Clinical Exercise Physiology
- Clinical Practicum
- Advanced Workplace Injury Management for Exercise Physiologists

**YEAR 2**

- Four six-credit-point electives from postgraduate subjects in Business and/or Work Health & Safety

## Professional Recognition

Graduates are eligible to apply for accreditation as an exercise physiologist with Exercise and Sports Science Australia (ESSA).

## Master of Health Leadership & Management

<b>go.uow.edu.au/mhithleadmgmt</b>	
CRICOS	083834D
DURATION	1.5 years (72 cp)
STARTS	Autumn (February), Spring (July)
LOCATION:	Wollongong and South Western Sydney
ENTRY REQUIREMENTS	A relevant Bachelor degree. Applicants with other combinations of acceptable qualifications and professional experience may be considered.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

This flexible course is designed for practising health professionals seeking to develop their leadership and management skills. It allows students to tailor the program to suit their professional development requirements. The program delivers the following: the leadership skills required to be an effective manager in the context of health care; the skills to critically evaluate and incorporate reflective practice in a leadership role; and the ability to analyse and demonstrate the values of coaching and mentoring skills.

## Course Structure

Core subjects (48 cp) including:

- Reflection for Practice
- Effective Management in Health
- Effective Leadership in Health
- Essential Skills for Health Researchers
- Legal and Professional Issues
- Promoting Clinical Excellence
- Tools for Practice Development
- Facilitation and Education Skills for Practice Development

Plus one of the following options:

- Major or minor project
- Choice of two elective subjects from the School of Nursing

## Master of Nutrition and Dietetics

<b>go.uow.edu.au/msci-nutdiet</b>	
CRICOS	007054G
DURATION	2 years (96 cp)
STARTS	Autumn (February)
ENTRY REQUIREMENTS	A Bachelor degree of at least 3 years’ duration from a recognised tertiary institution is required for entry. The degree must include content in human biosciences, food and nutrition, taught in an evidence-based paradigm. Human biosciences and food and nutrition science must include: <ul style="list-style-type: none"> <li>– Chemistry (0.25 EFTSL) followed by Biochemistry (0.25 EFTSL – typically two subjects at second year level or higher and must include metabolic biochemistry and laboratory practicals);</li> <li>– Human Biology (0.25 EFTSL) followed by Human Physiology (0.25 EFTSL – typically two subjects at second year level or higher and must include systems physiology and laboratory practicals); and</li> <li>– Nutrition science scaffolded across the course of study (0.5 EFTSL – typically four subjects at different year levels across the degree)</li> </ul>
IELTS	Overall 6.5 (R:6.5, W:6.5, L:6.5, S:6.5)

The course is designed to meet the core fields of competency as defined by the profession, including the key areas of professional practice; improving nutrition outcomes for individuals, groups and communities; critical thinking; evidence based practice; collaboration with stakeholders. Within the program, these are applied to the practice of clinical dietetics (individual case management), community and public health nutrition, and food service systems management.

## Course Structure

**YEAR 1**

- Community and Public Health Nutrition
- Dietetics Care 1 & 2
- Food Service Dietetics
- Nutrients and Food Innovation
- Nutrition Research Methods

**YEAR 2**

- Nutrition in Practice
- Practical Studies in Nutrition and Dietetics
- Research Project in Nutrition and Dietetics

## Professional Recognition

The Master of Nutrition and Dietetics has full accreditation with the Dietitians Association of Australia (DAA), making all graduates eligible for the credential of Accredited Practising Dietitian (APD).

## Master of Nursing

<b>go.uow.edu.au/mnurs</b>	
CRICOS	083832F
DURATION	1.5 years (72 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree in Nursing, or a recognised Graduate Certificate in Nursing.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Nursing degree is designed to prepare nurses for leadership roles in the health care system, or for further academic study in nursing at postgraduate level. The qualification is ideal for clinicians seeking to advance their careers.

Please note that completion of this course does not lead to eligibility to apply for registration as a nurse in Australia.

## Course Structure

You will undertake core subjects in reflective practice, legal and professional issues in nursing, and research methodology. The course allows the choice of further electives or the completion of a major project with the approval of the course coordinator.

Students will study the following:

- Reflection for Practice
- Legal and Professional Issues
- Developments in Nursing Care
- Essential Skills for Health Researchers
- Promoting Clinical Excellence
- Effective Leadership in Health
- Effective Management in Health
- Tools for Practice Development

Plus one of the following options:

- Major project (24 cp); or
- Minor Project (12 cp) and 2 6-credit-point electives from Nursing 900-level subjects

## Master of Nursing International

<b>go.uow.edu.au/mnursintl</b>	
CRICOS	089204C
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July)
LOCATION:	Wollongong and South Western Sydney
ENTRY REQUIREMENTS	Recognised Bachelor degree in Nursing, or a recognised Graduate Certificate in Nursing.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Nursing International is a two-year degree that is designed to prepare nurses for professional roles in the health care system. The main objectives of the degree are to provide an academic avenue for professional development, knowledge and comprehension of research, and the application of evidence-based practice.

Please note that completion of this course does not lead to eligibility to apply for registration as a nurse in Australia.

## Course Structure

The course is designed to build upon the academic strengths of the School of Nursing, including Primary Health, Mental Health, Aged & Dementia Care, Clinical Excellence, Reflection in Practice, and Research Principles & Methods. These topics will facilitate all-round development of health professionals to help them seamlessly transition into professional roles in the health care system.

Students will study the following subjects:

- Reflection for Practice
- Legal and Professional Issues
- Tools for Practice Development
- Policy and Practice in the Care of Older People
- Facilitation and Education Skills for Practice Development
- Effective Leadership in Health
- Developments in Nursing Care
- Psychoactive Substance and Mental Health
- Essential Skills for Health Researchers
- Fundamentals for HDR Writing
- Promoting Clinical Excellence
- Community Development Nursing: Theory and Practice
- Global Workplace Practice
- Professional Development Experience

Plus a Minor Project (12 cp).

## Graduate Certificate in Nursing

<b>go.uow.edu.au/gcert-nurs</b>	
CRICOS	065469C
DURATION	6 months (24 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree in Nursing, or qualifications to practise as a Registered Nurse or equivalent.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Graduate Certificate in Nursing is designed to prepare nurses for leadership roles in the health care system, or for further academic study in nursing at postgraduate level. The qualification is also ideal for practitioners seeking to advance their careers.

## Course Structure

The course is a focused, clinically based course with academic and industry relevance. It is designed to allow professional development to occur in tandem with academic rigour.

Students will study the following subjects:

- Reflection for Practice
- Legal and Professional Issues
- Developments in Nursing Care
- Essential Skills for Health Researchers

## Graduate Diploma in Mental Health Nursing

<b>go.uow.edu.au/gdip-menthlthnurs</b>	
CRICOS	083843C
DURATION	1 year
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree in Nursing, or qualifications to practise as a Registered Nurse or equivalent.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

This is a focused, clinically based course designed for a practitioner commencing the specialty of mental health nursing. It combines theoretical aspects of mental health to develop and refine clinical skills and interventions. This course will assist registered nurses in their application to be a credentialed Mental Health Nurse by the Australian College of Mental Health Nursing (ACMHN).

## Course Structure

The Graduate Diploma in Mental Health addresses the priorities established in the National Mental Health Plan: mental health promotion and prevention; partnership; and quality and effectiveness of service delivery. It is also an Australian Qualifications Framework (AQF) accredited degree.

The teaching focuses on evidence-based practice and reflects developments in mental health service delivery locally, nationally and internationally.

Students will study the following subjects:

- Essential Skills for Health Researchers
- Legal and Professional Issues
- Philosophies of Mental Health Care
- Reflection for Practice
- Psychoactive Substance and Mental Health
- Recovery and the Lived Experience of Mental Illness
- Effective Management in Health
- Informed Practice in Mental Health Nursing

## Master of Nursing (Mental Health)

<b>go.uow.edu.au/mnurs-menthlth</b>	
CRICOS	083835C
DURATION	1.5 years (72 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree or Graduate Certificate in mental health nursing and qualifications to practise as a Registered Nurse or equivalent. Students must have experience or be currently working in a mental health setting.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

This course is designed for both practitioners commencing in the specialty of mental health nursing and experienced mental health, and drug and alcohol nurses.

Students will cover a range of subjects in the areas of clinical principles and practice, psychosocial rehabilitation, assessment and diagnosis in mental health, drug and alcohol substance use, health management, research skills, and a major or minor project.

## Master of Science (Dementia Care)

<b>go.uow.edu.au/msci-demcare</b>	
CRICOS	084856A
DURATION	1.5 years (72 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree in a health-related discipline, or equivalent.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

This course is a clinically based program that prepares practitioners for advanced professional practice in the specialist field of dementia. Graduates will have the ability to critically review the health and wellbeing of people with dementia, review social policy and its impact on the provision of dementia care, and develop advocacy skills in sectors relevant to dementia care.

Core subjects include:

- Psychoactive Substance and Mental Health
- Reflection for Practice
- Dementia Care Across Settings
- Policy and Practice in the Care of Older People
- Rehabilitation: Concepts and Practice
- Advancements in Dementia Care
- Tools for Practice Development
- Facilitation and Education Skills for Practice Development

Plus one of the following options:

- Major Project (24 cp); or
- Minor Project (12 cp) and 2 6-credit-point electives from Nursing subjects

## Master of Science (Gerontology & Rehabilitation Studies)

<b>go.uow.edu.au/msci-grs</b>	
CRICOS	083836B
DURATION	1.5 years (72 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	A Bachelor degree or Graduate Certificate in a related discipline. Health professionals holding other qualifications may be considered.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

This course is designed to provide opportunities for practitioners working with older people or clients with rehabilitation needs.

Graduates are able to critically review the health and wellbeing of older people, review social policy in aged care, and develop advocacy skills to work with users, carers and colleagues in the health, social care and voluntary sectors.

Leadership and research skills gained in this course prepare candidates for career progression into senior clinical, management, teaching and research roles.

Students have the option of completing a 24 cp minor thesis (entry restricted to those achieving a 70% average and obtaining Course Coordinator approval) or a major or minor project (12 cp) as part of the course.

## Graduate Certificate in Indigenous Health

<b>go.uow.edu.au/gcert-indhlth</b>	
CRICOS	088725B
DURATION	1 year part-time (24 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	A recognised Australian Bachelor degree, or equivalent. Applicants with professional work experience may have the requisite experience to qualify for credit.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Graduate Certificate in Indigenous Health provides the knowledge and skills to effectively address Indigenous community health, community development and cultural issues in relation to Indigenous health. It is a multi-disciplinary program involving local and international Indigenous communities, and highlights both historical and contemporary Indigenous health problems.

Students will study the following subjects:

- Comparative Indigenous Health Issues
- The Social and Emotional Wellbeing of Aboriginal Australians
- Cultural Competence in Psychology
- Indigenous Health Patterns

## Master of Indigenous Health

<b>go.uow.edu.au/mindhhlth</b>	
CRICOS	088724C
DURATION	1.5 years (72 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	A recognised Australian Bachelor degree, or equivalent. Applicants with professional work experience may have the requisite experience to qualify for credit.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Indigenous Health is designed to prepare those involved in Indigenous health, or health workers in the area of Indigenous health, for administrative leadership roles in the health care system.

Graduates of this program will develop the knowledge and skills to enable them to work in government and community-controlled organisations as autonomous health workers in urban and rural Indigenous communities, with an emphasis on community development.

Students will study the following subjects:

- Comparative Indigenous Health Issues
- The Social and Emotional Wellbeing of Aboriginal Australians
- Cultural Competence in Psychology
- Indigenous Health Patterns
- Indigenous Family Studies
- Family Violence/Family Recovery
- Dadirri – Aboriginal Spirituality
- Recreating the Circle of Well-being
- Indigenous Research Theory and Practice
- Aboriginal Mental Health First Aid
- Indigenous Identity in Contemporary Psychology

### GAIN TWO QUALIFICATIONS OVER A TWO-YEAR STUDY PROGRAM

Through approved articulation arrangements between courses offered by the Faculty of Science, Medicine and Health, you can complete two postgraduate coursework degrees over a two-year period. The following details the articulation arrangements between the Graduate Certificate in Nursing and approved Masters courses.

GRADUATE CERTIFICATE	ARTICULATION INTO MASTERS COURSE
Graduate Certificate in Nursing Duration 6 months 24 credit points	Master of Science (Dementia Care) Duration 1.5 years 72 credit points
Graduate Certificate in Nursing Duration 6 months 24 credit points	Master of Science (Gerontology and Rehabilitation Studies) Duration 1.5 years 72 credit points
Graduate Certificate in Nursing Duration 6 months 24 credit points	Master of Health Leadership and Management Duration 1.5 years 72 credit points
Graduate Certificate in Nursing Duration 6 months 24 credit points	Master of Nursing (Mental Health) Duration 1.5 years 72 credit points

### ADDITIONAL REQUIREMENT FOR SELECTED COURSES IN HEALTH AND MEDICINE

The Ministry of NSW Health requires all students undertaking clinical placement in a NSW Health facility to comply with PD2016\_047 Employment Checks, - Criminal Record Checks, Working With Children Checks, and PD2011\_005 Occupational Assessment, and screening and vaccination against specified infectious diseases prior to placement.

The University and the Illawarra Shoalhaven Local Health District conduct a series of Verification Sessions each year. Students who need to demonstrate their compliance with the above policy directives are expected to attend a session.

Further details, including information on what to provide to demonstrate compliance and key dates, are available on the Health Placements website: [uow.edu.au/health-placements](http://uow.edu.au/health-placements)

# Information and Communication Technology

Information and Communication Technology (ICT) underpins everything we do in today's digital world. At UOW, you'll be studying amongst one of the largest ICT research groups in the southern hemisphere, giving you the tools to advance your career with the latest skills and developments in ICT.

## WHY STUDY INFORMATION AND COMMUNICATION TECHNOLOGY AT UOW

- Our postgraduate courses are constantly reviewed to stay ahead of advancements in the field, meaning our graduates are agile, relevant and future-proof.
- UOW maintains strong partnerships with major international companies, strengthened by our world-class facilities. This is your opportunity to get involved with innovative, humanitarian and environmental projects:
  - UOW's Simulation Modelling, Analysis, Research and Teaching (SMART) facility
  - Collaboration with Illawarra Health and Medical Research Institute (IHMRI)
  - PetaJakarta flood mapping project
  - The Sustainable Buildings Research Centre (SBRC)
- All of our postgraduate courses are accredited with the Australian Computer Society (ACS) and other peak professional bodies.
- Become your own boss through our strong connections with iAccelerate, which can help fund ideas to make them reality.
- Learn from world-renowned academics who are experts in their field.

## ONE OF THE BEST IN NSW/ACT

The Federal Government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2017 as second among all universities in NSW and the ACT for Computing and Information Systems.

## Graduate Certificate in Computing

go.uow.edu.au/gc-comp	
CRICOS	094751E
DURATION	6 month (24 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree with an equivalent average mark of 60% in any area. Applicants with other qualifications and substantial relevant professional experience may be considered.
IELTS	Overall 6.0 (R:6, W:6, L:6, S:6)

The Graduate Certificate in Computing provides a postgraduate introduction to computing for students without prior knowledge of IT and computing. It will allow graduates and professionals from a non-IT background to add to their current knowledge and skills set with a recognised qualification in computing.

This degree provides students with a pathway to the professionally accredited Master of Computer Science or Master of Information Technology. Students will develop skills and knowledge in core technical and professional subjects that will allow them to undertake to further study areas in Computing and Information Technology.

## Course Structure

One core subject: IT Project Management

Plus a range of other subjects, including:

- Advanced Programming
- Programming with Python
- Data Management and Security
- Big Data Management
- System Security
- Data Mining
- Knowledge Discovery

## Master of Computer Science

CRICOS	083839K
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree with an equivalent average mark of 60% in any area. Applicants with other qualifications and substantial relevant professional experience may be considered.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

Technology touches every part of our daily lives, and UOW continues a long history of providing technically excellent graduates to meet industry demand with the Master of Computer Science. This degree gives graduates the ability to solve complex real-world problems by integrating computer science methods with effective management strategies, and by developing and deploying computer applications. Students will be able to put theory into practice with an individual capstone project.

## Course Structure

Four foundation subjects (24 cp):

- Advanced Programming
- Algorithms and Data Structures
- Contemporary Topics in Computer Science
- IT Project Management

And one of the following subjects (6 cp):

- Database Systems
- Systems Security
- Human Computer Interaction

Plus six subjects (36 cp) towards a specialisation or the no major option, including:

- CS Research Methodology (6 cp)
- Research Project or Professional Project (12 cp)\*

Plus a further five electives (30 cp) from any of the CSCI electives, and approved by the Course Coordinator.

\*Students with a mark 75% or above in Research Methodology may enrol in the Research Project, all other students enrol in the Professional Project.

## Specialisations

### INTELLIGENT SYSTEMS

- go.uow.edu.au/mcompsci-intelsyst
- Computational Intelligence
  - Perception and Planning
  - Reasoning and Learning

### MACHINE LEARNING AND BIG DATA

- go.uow.edu.au/mcompsci-bigdata
- Machine Learning Algorithms and Applications
  - Big Data Analytics
  - Computer Vision Algorithms and Systems

### NETWORK AND INFORMATION SECURITY

- go.uow.edu.au/mcompsci-network
- Advanced Computer Security
  - Advanced Network Security
  - Mathematics for Cryptography

### SOFTWARE ENGINEERING

- go.uow.edu.au/mcompsci-software
- Service-Oriented Software Engineering
  - Software Requirements, Specifications and Formal Methods
  - Software Testing and Analysis

## Professional Recognition

The degree is professionally accredited by the Australian Computer Society (ACS). ACS has global reciprocal agreements, which means that your degree is recognised internationally.

## Master of Information and Communication Technology Advanced

<b>go.uow.edu.au/mict-adv</b>	
CRICOS	067074F
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree majoring in information systems, information technology, computer science or related area, and a minimum of 2 years of professional ICT experience at SFIA level 4 (job titles such as network administrator, web developer, business analyst, software engineer and systems analyst). A detailed description of your professional experience and endorsed by a former employer, must be provided in the application.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Information and Communication Technology Advanced is aimed primarily at graduates working in the ICT industry who will benefit from an in-depth study of the organisational, economic, regulatory and socio-technical issues that arise in the implementation and application of IT, and how to effectively manage these issues.

As technology increasingly becomes more important to business performance, there is demand for IT graduates with technical and business expertise. The Master of Information and Communication Technology Advanced covers the deployment, maintenance, management and organisation of IT in business.

### Course Structure

#### YEAR 1

- Enterprise Architecture Design and Systems Integration
- Information Design and Content Management
- Information Systems and Strategy
- IT Governance and Organisational Issues
- Programming for Social Innovation
- Research Methodology
- Software Requirements, Specifications and Formal Methods
- Strategic Network Design

#### YEAR 2

- IT Security and Risk Management
- Project and Change Management
- Systems Development Methodologies

Plus one of the following 12 cp subjects:

- Information Technology Research Report
- Professional Practice and Research Project

Plus three of the following Year 2 electives (18 cp):

- Advanced Computer Security
- Concepts and Issues in Healthcare Computing
- Data Mining and Knowledge Discovery
- Introduction to Health Informatics
- Reasoning and Learning

### Professional Recognition

The Master of Information and Communication Technology Advanced has been awarded advanced professional accreditation from the Australian Computer Society (ACS). This is the first degree in Australia to be awarded this accreditation.

## Master of Information Technology

<b>go.uow.edu.au/mit</b>	
CRICOS	083840F
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree with an equivalent average mark of 60% in any area. Applicants with other qualifications and substantial relevant professional experience may be considered.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The purpose of the Master of Information Technology is to develop an in-depth study of the organisational, economic, regulatory and socio-technical issues that arise in the implementation of IT in business and government, and how to effectively manage those issues. It is suitable for those without an IT background seeking to develop the fundamental skills required to work in the sector, or to undertake a management role in which an understanding of IT implementation is essential.

### Course Structure

Core subjects (36 cp):

- Big Data Management
- Information Design and Content Management
- Programming with Python
- Research Methodology
- Systems Development Methodologies
- Web Programming I

plus:

- Professional Practice and Research Project 12 cp, OR
- IT Research Project 12 cp

### Specialisations

You can then either complete:

- A specialisation consisting of four subjects (24 cp) and four electives (24 cp) from the approved schedule, of which at least two subjects should be from the Advanced MIT Graduate Subjects List.

or

- Graduate without a specialisation by completing 8 electives (48 cp) from the approved schedule, of which at least two subjects should be from the Advanced MIT Graduate Subjects List.

#### IT STRATEGIC MANAGEMENT

- Business Intelligence and Knowledge Management
- Information Systems and Strategy
- IT Governance and Organisational Issues
- Project and Change Management

#### ENTERPRISE NETWORKING

- eBusiness Technologies
- IT Security and Risk Management
- Project and Change Management
- Strategic Network Design

#### INFORMATION SYSTEMS DEVELOPMENT

- Enterprise Architecture Design
- Enterprise Architecture Design and Systems Integration
- Programming for Social Innovation
- Project and Change Management

#### MIT GRADUATE SUBJECTS

- eBusiness Technologies
- Concepts and Issues in Healthcare Computing
- Enterprise Architecture Design
- Enterprise Architecture Design and Systems Integration
- Data Mining and Knowledge Discovery
- IT-enabled Supply Chain Management
- IT Security and Risk Management
- Information Design and Content Management
- Information Systems and Strategy
- Introduction to Health Informatics
- Programming for Social Innovation
- Service-Oriented Software Engineering
- Strategic Network Design
- Strategic Network Management

#### MIT ADVANCED GRADUATES SUBJECTS

- Business Intelligence and Knowledge Management
- IT Governance and Organisational Issues
- Project and Change Management
- Web Programming II

### Professional Recognition

The Master of Information Technology is accredited by the Australian Computer Society (ACS) as meeting the requirements for membership at the Professional level.

## Master of Health Informatics

<b>go.uow.edu.au/mhthinfo</b>	
CRICOS	083828B
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree with an equivalent average mark of 60% in an area related to either information technology or health.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

Health services in Australia and around the world are becoming increasingly reliant on IT and e-health. The Master of Health Informatics is designed to provide IT professionals with specific knowledge of health informatics and provide health professionals with a better understanding of IT within their industry. This degree enables graduates to take on leadership roles in public and private hospitals, and with health systems vendors, telecommunications providers and pharmaceutical companies.

### Course Structure

Five core subjects (30 cp):

- Concepts and Issues in Healthcare Computing
- Introduction to Health Informatics
- Introduction to Epidemiology and Statistics
- Information Design & Content Management
- Research Methodology

Plus a capstone Professional Practice and Research Project (12 cp).

Graduates from a Health background will take four subjects (24 cp) from the IT stream outlined below:

- Big Data Management
- System Analysis
- Programming with Python
- Data Management and Security

Graduates from an Information Technology background will take three subjects (18 cp) from the Health stream outlined below:

- Social Determinants of Health I
- Health Promotion
- Public Health Policy
- Contemporary Public Health Issues

All students will then complete two Advanced IT subjects, with the remaining subjects taken as electives.

## Professional Recognition

The Master of Health Informatics is accredited by the Australian Computer Society (ACS) as meeting the requirements for membership at the Professional level.

## Master of Information Technology Management

<b>go.uow.edu.au/minfotechmgmt</b>	
CRICOS	084770G
DURATION	1.5 years (72 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree specialising in information systems, information technology, computer science or related areas, with an equivalent average mark of 60%.
CREDIT	Applicants with a Bachelor Honours degree in information technology may apply for credit for 24 cp (1 session).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

This program is designed to prepare professionals to integrate and manage the information technology and systems in organisations. The program covers both IT strategic planning and implementation, and organisational management. Graduates will acquire an in-depth understanding of managing projects, people, knowledge and technologies in an organisational context.

### Course Structure

You must complete the seven core subjects (48 cp):

- Innovation and Design
- IT Governance and Organisational Issues
- IT Security and Risk Management
- Information Systems and Strategy
- Managing People in Multinational Organisations
- Project and Change Management
- Professional Practice and Research Project

And at least two subjects (12 cp) from:

- Engineering Project Management
- Enterprise Architecture Design
- Enterprise Architecture Design and Systems Integration
- Information Design and Content Management
- Information Systems for Project Managers
- Organisational Issues & Information Technology
- Strategic Management for Engineers and Technologists

Two additional electives (12 cp) may be taken from:

- Accounting for Managers
- Digital Marketing
- Quality in Management
- Supply Chain Management

### Professional Recognition

The Master of Information Technology Management is being submitted to the Australia Computer Society for accreditation.

# Law, Ocean Law and Policy

Become an expert in your chosen area of law and make a difference for people, for the environment and for Australia's legal system. UOW's postgraduate Law coursework targets two specialised areas: including ocean law and criminal law. Our programs are challenging and professionally relevant, to help you become a leader in your field.



## WHY STUDY LAW, OCEAN LAW AND POLICY AT UOW

- We offer online programs through our research strength, the Australian National Centre for Ocean Resources and Security (ANCORS), for students interested in ocean policy and law. ANCORS is Australia's leading academic centre for research, education and training on maritime policy, ocean law and governance, and maritime security.
- Become a leader in criminal law through our criminal practice program – Australia's only criminal law practice program, led by the Hon. Terry Buddin who served as a Justice of the Supreme Court of NSW from 2002 to 2012.
- If you're considering a higher research degree, our Doctor of Philosophy will allow you to research a field of study in any area of law. UOW has a well-established PhD program with special concentration in the areas of Law of the Sea, Interdisciplinary Legal Studies, Asian Legal Systems, Criminal Law and Justice and International and Commercial Law.
- Benefit from our international research reputation through the Legal Intersections Research Centre.

## THE BEST IN NSW/ACT

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2017 as the best university in New South Wales and the ACT for Law and Paralegal Studies.

UOW ranked in top 200 for Law in QS World Rankings by Subject in 2017.

## Master of Fisheries Policy

<a href="http://go.uow.edu.au/mfishpol">go.uow.edu.au/mfishpol</a>	
CRICOS	068542G
DURATION	1 year (48 cp)
STARTS	Autumn (February), Spring (July) available with prior approval.
ENTRY REQUIREMENTS	Recognised Bachelor Honours degree; or a Graduate Certificate in a relevant area; or Bachelor degree with relevant experience.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Fisheries Policy addresses international, regional and national frameworks for sustainable fisheries management and provides a broad understanding of the law of the sea and the issues facing the fisheries sector, including fisheries management, international fisheries law, fish trade, regulatory compliance, and monitoring, control and surveillance (MCS). The program is designed for fisheries and environmental policy officers, mid-level managers and enforcement officers from governments, and regional and international organisations.

## Course Structure

The program comprises six compulsory subjects of 8 credit points each.

- Fisheries and Development
- Fisheries Management
- Integrated Monitoring, Control and Surveillance
- International Fish Trade
- International Fisheries Law
- Law of the Sea

## Master of Maritime Studies

<a href="http://go.uow.edu.au/mmarstud">go.uow.edu.au/mmarstud</a>	
CRICOS	042637D
DURATION	1 year (48 cp)
STARTS	Autumn (February), Spring (July) available with prior approval.
ENTRY REQUIREMENTS	Recognised Bachelor Honours degree; or Graduate Certificate in a relevant area; or Bachelor degree with relevant experience.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

Maritime Studies deals with policy, law and security issues related to the world's oceans. It addresses these issues in the contexts of trade, living and non-living marine resources, the sea as an important natural environment, and international political tensions and cooperation. You will study maritime enforcement, maritime security threats and solutions, marine environmental law, regulation of shipping, and marine resources management.

You will learn to analyse the legal, political and operational factors that contribute to the development of the law of the sea and maritime policy, and devise solutions to gaps in legal and policy frameworks. This degree is designed to meet the early or mid-career education requirements of maritime professionals working in a policy or operational context, or those who intend to pursue a career in a maritime or related field.

## Course Structure

Students must take the following compulsory subjects:

- Law of the Sea
- Research Project in Maritime Studies

Together with four subjects from the list below:

- Comparative Oceans Policy
- Contemporary Maritime Issues in the Asia – Pacific Region
- Fisheries Management
- Integrated Marine and Coastal Management
- Integrated Monitoring, Control and Surveillance
- International Fisheries Law
- International Marine Environmental Law
- Legal Regulation of Shipping
- Maritime Regulation and Enforcement
- Maritime Security Law and Policy
- Minor Thesis in Maritime Studies (16 cp)
- Selected Topic in Maritime Studies
- Strategy and Sea Power

## Master of Maritime Policy

<a href="http://go.uow.edu.au/mmarpol">go.uow.edu.au/mmarpol</a>	
CRICOS	017740B
DURATION	1 year (48 cp)
STARTS	Autumn (February)
ENTRY REQUIREMENTS	Recognised Bachelor Honours degree; or Graduate Certificate in a relevant area; or Bachelor degree with relevant experience.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

Maritime Policy deals with policy, law and security issues related to the world's oceans. It addresses these issues in the contexts of the importance of the sea for trade, a source of both living and non-living marine resources, as an important natural environment, and as both a source of international political tensions and cooperation. The Master of Maritime Policy degree is designed to meet the early or mid-career education requirements of maritime professionals working in a policy or operational context, or those who intend to pursue a career in a maritime or related field.

## Course Structure

Students must take the following compulsory subjects:

- Law of the Sea
- Legal Regulation of Shipping

Together with four subjects from the list below:

- Comparative Oceans Policy
- Contemporary Maritime Issues in the Asia – Pacific Region
- Integrated Marine and Coastal Management
- Integrated Monitoring, Control and Surveillance
- International Fisheries Law
- International Marine Environmental Law
- Maritime Regulation and Enforcement
- Maritime Security Law and Policy
- Minor Thesis in Maritime Studies (16 cp)
- Research Project in Maritime Studies
- Selected Topic in Maritime Studies

## Graduate Certificate in Maritime Studies

[go.uow.edu.au/gcert-marstud](http://go.uow.edu.au/gcert-marstud)

CRICOS	080831J
DURATION	6 months
STARTS	Autumn (February), Spring (July) available with prior approval
ENTRY REQUIREMENTS	Recognised Bachelor degree or equivalent, or an appropriate professional background.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Graduate Certificate in Maritime Studies is designed to meet the early or mid-career education requirements of maritime professionals working in a policy or operational context, or those who intend to pursue a career in a maritime or related field. This course provides a broad understanding of the law of the sea, ocean governance and maritime security. You will gain knowledge of areas such as maritime enforcement, maritime security threats and solutions, marine environmental law, regulation of shipping, and marine resources management. Successful completion of the Graduate Certificate can lead to further study in the following Coursework Master degrees:

- Master of Maritime Studies
- Master of Maritime Policy
- Master of Fisheries Policy

## Course Structure

Compulsory subject:

- Law of the Sea

Together with two subjects from the list below:

- Comparative Oceans Policy
- Contemporary Maritime Issues in the Asia – Pacific Region
- Fisheries and Development
- Fisheries Management
- Integrated Marine and Coastal Management
- Integrated Monitoring, Control and Surveillance
- International Fisheries Law
- International Fish Trade
- International Marine Environmental Law
- Legal Regulation of Shipping
- Maritime Regulation and Enforcement
- Maritime Security Law and Policy
- Minor Thesis in Maritime Studies (16 cp)
- Research Project in Maritime Studies
- Strategy and Sea Power
- Selected Topic in Maritime Studies

### MASTER OF LAWS (CRIMINAL PRACTICE)

A Master of Laws (Criminal Practice) program is available (CRICOS 067078B), with content reflecting the Australian jurisdiction. As a result, the course is suitable only for applicants who are practising law in comparable jurisdictions, such as New Zealand, Papua New Guinea, Hong Kong, Malaysia and Singapore.

If you are considering this course please contact [futurestudents@uow.edu.au](mailto:futurestudents@uow.edu.au) for advice as to whether the course is suitable for your professional development. Current course and subject information is available at [go.uow.edu.au/mlaws-crimprac](http://go.uow.edu.au/mlaws-crimprac)

# Mathematics and Statistics

Mathematics and statistics are the basis for successful decision-making and problem solving in every industry, so it's essential to have the knowledge and skills to not only excel in your career, but lead the way. As a UOW postgraduate student, you'll be surrounded by the latest thinking from our National Institute for Applied Statistics Research Australia (NIASRA). As a graduate, you will benefit from our international reputation for excellence in mathematics.

### WHY STUDY MATHEMATICS AND STATISTICS AT UOW

- UOW's National Institute for Applied Statistics Research Australia (NIASRA) is at the forefront of innovative statistical methods, including NASA funded research to map CO<sup>2</sup> emissions.
- The Excellence in Research Australia ranking classifies the UOW School of Mathematics and Applied Statistics 'above world standard'.
- Learn from some of the best mathematics teachers in Australia, with many of our staff having won national awards for teaching excellence.
- Receive strong support from the Women in STEM (Science, Technology, Engineering and Mathematics) Student Society.

### AMONG THE BEST IN NSW/ACT

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2017 as second among all universities in New South Wales and the ACT for Science and Mathematics.

## Master of Financial Mathematics

go.uow.edu.au/mfinmaths

CRICOS	083829A
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree with at least one year of mathematics or statistics and an equivalent average mark of 60%.
CREDIT	Applicants with a Bachelor in mathematics or statistics may apply for credit for 24 cp (one session). Applicants with a Bachelor Honours degree in mathematics or statistics may apply for credit for 48 cp (1 year).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

This Masters program provides training in quantitative financial analysis and a range of analytical, statistical, computational and modelling skills. These skills are essential for the formulation, implementation and evaluation of models in the financial sector to structure transactions, evaluate financial derivatives, manage risk and construct investment strategies.

### Course Structure

#### YEAR 1

- Differential Equations 2
- Estimation and Hypothesis Testing
- Managerial Finance
- Multivariate and Vector Calculus
- Probability and Random Variables
- Research Methods

Plus one elective from Investment Management, Portfolio Management, or Portfolio Simulation.

#### YEAR 2

- Advanced Managerial Finance
- Financial Calculus (Enhanced)
- Linear and Generalised Linear Models (Enhanced)
- Major Project
- Numerical Methods in Finance
- Practitioners' Seminars
- Stochastic Methods in Finance

Plus one elective from Statistical Inference Enhanced, or Applied Probability and Financial Risk (Enhanced).

### Professional Recognition

This program satisfies the education requirements for Senior Associate membership of the Financial Services Institute of Australasia (FINSIA).

## Master of Mathematics

go.uow.edu.au/mmath

CRICOS	084776A
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree with at least one year of mathematics or statistics and an equivalent average mark of 60%.
CREDIT	Applicants with a Bachelor in mathematics or statistics may apply for credit for 24 cp (one session). Applicants with a Bachelor Honours degree in mathematics or statistics may apply for credit for 48 cp (1 year).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

This program is designed to consolidate and expand the mathematics knowledge gained by a student in an undergraduate program and to develop skills in undertaking mathematical research projects. Students complete a research project and subjects from the Mathematics and Statistics electives.

### Master of Statistics

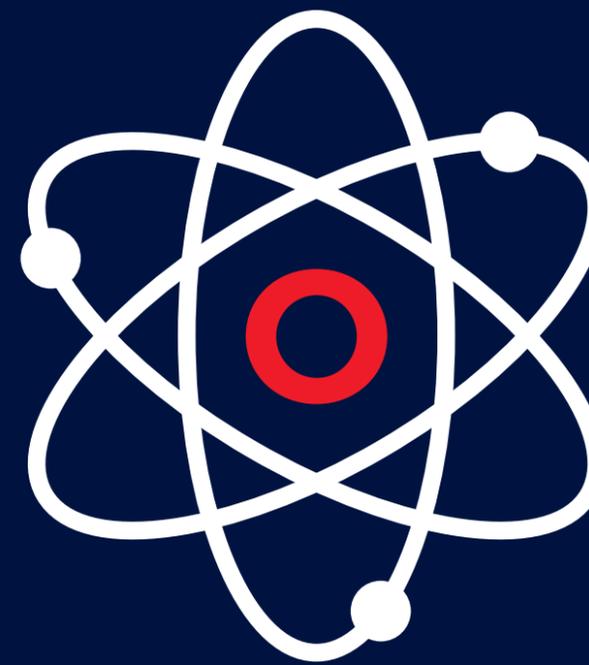
go.uow.edu.au/mstat

CRICOS	083830G
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree with at least one year of mathematics or statistics and an equivalent average mark of 60%.
CREDIT	Applicants with a Bachelor in mathematics or statistics may apply for credit for 24 cp (one session). Applicants with a Bachelor Honours degree in mathematics or statistics may apply for credit for 48 cp (1 year).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

This program is designed to upgrade statistical skills and to educate students to undertake advanced statistical work in industry, commerce or government, including the ability to communicate effectively with others.

# Physics

Your skills can help us better understand and predict the behaviour of complex systems, and improve medical outcomes across the globe. UOW Physics students benefit from strong collaborative links with companies and leading medical radiation physics institutions, paving the way for innovation, research opportunities and for you to have a greater impact.



### WHY STUDY PHYSICS AT UOW

- UOW's strong ties with leading research bodies such as the Australian Nuclear Science and Technology Organisation (ANSTO) and the Commonwealth Scientific Industrial Research Organisation (CSIRO), ensure you receive industry exposure throughout your degree.
- You will work alongside prominent academics and learn about the very latest developments in the field of physics, including partnerships with CERN in Switzerland.
- UOW's Centre For Medical Radiation Physics specialises in radiation instrumentation and measurements with particular emphasis on medical and high energy physics applications.
- UOW's close links with hospitals in NSW provide research opportunities for students and staff. Centres include St George Cancer Care Centre, Illawarra Cancer Care Centre, Liverpool Hospital Radiation Oncology Department, and Prince of Wales Hospital Radiation Oncology Department.
- Receive strong support from the Women in STEM (Science, Technology, Engineering and Mathematics) Student Society.
- UOW postgraduate physics research programs are internationally recognised for work in Astronomy and Astrophysics, Medical Radiation Physics and High Energy Physics, Solid State and Semiconductor Physics, and Superconductivity.

### ONE OF THE BEST IN NSW/ACT

The Federal Government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2017 as second among all universities in New South Wales and the ACT for Science and Mathematics.

## Master of Science (Medical Radiation Physics)

[go.uow.edu.au/msci-mrphys](http://go.uow.edu.au/msci-mrphys)

CRICOS	067176M
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree in Science, Physics or Health with an equivalent average mark of 60%.
CREDIT	Applicants with a Bachelor Honours degree in physics may apply for credit for 48 cp (1 year).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

Our Medical Radiation Physics (MRP) program is backed by clinical associations with local and Sydney hospitals.

Over 50 per cent of current practising medical physicists in NSW were educated and trained at UOW. Our strong ties with industries and government labs ensure you receive significant industry exposure throughout your degree.

You will benefit from the strong collaborative links in research and development that our staff have with local and international companies and leading medical radiation physics institutions.

### Course Structure

The Masters program comprises 14 Coursework subjects and an applied research project.

- Advanced Modern Physics
- Detection of Radiation
- Differential Equations 2
- Electromagnetism
- Electromagnetism and Optoelectronics
- Human Structure and Function
- Medical Imaging
- Multivariate and Vector Calculus
- Nuclear Medicine
- Nuclear Physics
- Physics of Radiotherapy
- Quantum Mechanics
- Radiation Physics
- Radiobiology and Radiation Protection
- Research Project

### Professional Recognition

Accredited by the Australasian College of Physical Scientists and Engineers in Medicine (ACPSEM) and the Australian Institute of Physics (AIP)  
[aip.org.au/accreditation](http://aip.org.au/accreditation)

# Psychology

Postgraduate study at UOW will allow you to continue building on your understanding of human behaviour and psychological processes, to gain registration as a psychologist with the Psychology Board of Australia. As a UOW research student, you will be guided by an active program of research support to ensure your research meets international standards.



### WHY STUDY PSYCHOLOGY AT UOW

- Gain practical experience at UOW's Northfields (Psychology) Clinic, which provides training and supervision of graduates in clinical and professional psychology, through a mental health service to the community.
- Research students have access to high-level research programs aligned to UOW's research strengths.
- You'll learn the most current knowledge directly from active researchers who are keen to instil their passion for psychology into every student.

### ONE OF THE BEST IN NSW/ACT

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2017 as fourth among all universities in New South Wales and the ACT for Psychology.

## Master of Psychology (Clinical)

go.uow.edu.au/mpsych-clin

CRICOS 0274673

DURATION 2 years (96 cp)

STARTS Autumn (February)

ENTRY REQUIREMENTS Four-year Honours degree in Psychology of at least Class II Division 1 or equivalent. Applicants must have their qualifications assessed by the Australian Psychological Society (APS) for equivalence and provide this evidence in their application (see [psychology.org.au/membership/qualifications](http://psychology.org.au/membership/qualifications)). Selection for entry is based on academic record, two referees' reports, relevant practical experience and a personal statement. Short-listed candidates are also subject to a selection interview. The NSW Health Department requires all students undertaking clinical placements to undergo a criminal record clearance prior to employment or placement in the NSW Health system. This clearance will be conducted by the NSW Police Force and will be coordinated by NSW Health following enrolment. International students are required to provide an official criminal record clearance, in English, from their home country prior to their arrival in Australia. Overall 7.0 (R:7, W:7, L:7, S:7)

The Master of Psychology (Clinical) is for graduates of a four-year accredited psychology program. It will suit those following a study pathway to registration and currently registered psychologists who intend to qualify for an area of practice endorsement with the Psychology Board of Australia. The degree provides a comprehensive understanding of the principles of psychological assessment and therapy, and the clinical skills required to assess and treat a wide variety of clinical conditions in children, adolescents and adults.

Teaching methods include face-to-face classes, weekend workshops and supervised clinical practicum at the University clinic and at external placements.

### Professional Recognition

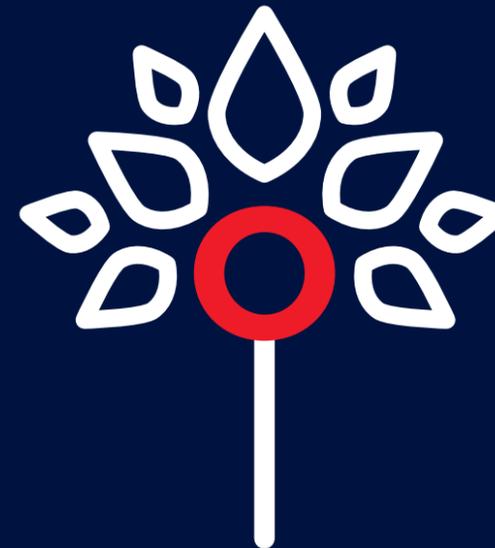
The Master of Psychology (Clinical) is accredited by the Australian Psychology Accreditation Council (APAC) as a 5th and 6th year program of study for the purpose of full registration as a psychologist in Australia, and as a qualifying degree for endorsement in Clinical Psychology.

### ARTICULATION

High-performing students may apply to transfer from the Master of Psychology (Clinical) to the Doctor of Philosophy (Clinical Psychology) after completion of one year of study.

# Public Health

Increase your capacity to improve the health of societies all over the world with postgraduate study in Public Health. UOW offers a wide range of specialisations, so you can tailor your learning to meet your career goals. You will have the opportunity to 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

- UOW Public Health degrees are flexibly designed, providing you with the skills and knowledge to define, critically assess and resolve a variety of public health issues within a community.
- You can choose from a wide range of specialisations, allowing you to tailor your learning to your career goals.
- UOW researchers are leaders in their field in Australia and internationally.
- You'll benefit from practical career building and professional networking opportunities through our public health projects, supervised independent projects, and research seminar series.
- Our degrees are accredited by the professional associations that matter. 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 2017 as the best university in New South Wales and the ACT for Health Services and Support.

## Master of Public Health Advanced

[go.uow.edu.au/mpubhlth-adv](http://go.uow.edu.au/mpubhlth-adv)

CRICOS	084769M
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	A Bachelor degree from any discipline. Applicants intending to complete the Public Health Nutrition specialisation require a Bachelor degree with a major in Nutrition.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

## Master of Public Health

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

CRICOS	084771F
DURATION	1.5 years (72 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	A Bachelor degree from any discipline. Applicants intending to complete the Public Health Nutrition specialisation require a Bachelor degree with a major in Nutrition.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

UOW Public Health degrees are flexibly designed to give students a broad introduction to public health and to provide the skills and knowledge to define, critically assess and resolve public health issues within a community. These flexible and interest-driven programs allow students to develop, analyse and implement policy, and to plan and evaluate health services and programs while catering for their individual career goals. The Master of Public Health Advanced contains an additional requirement of a second specialisation, allowing students to tailor their learning to their career aspirations.

## Course Structure

### MASTER OF PUBLIC HEALTH

Students in the Master of Public Health (72 cp program) complete six Public Health core subjects (48 cp), and one specialisation (24 cp) chosen from the available options.

Core subjects, worth 8 cp each include:

- Contemporary Public Health Issues II
- Introduction to Epidemiology & Statistics II
- Independent Study
- Public Health Policy II
- Health Research Methodology II
- Social Determinants of Health II

Plus choose one from the following two specialisations and complete all three (8 cp) subjects shown:

Health Promotion\*:

- Health Promotion II
- Health Promotion Competencies II
- One elective subject selected in consultation with the Director of Academic Studies

Public Health Nutrition\*\*:

- Food and Nutrition Monitoring and Surveillance
- Nutrition Promotion
- Public Health Nutrition

\*Health Promotion is available via on-campus or distance delivery mode. International students in Australia on a student visa who are studying onshore cannot enrol in more than 25 per cent of their total course by distance as per ESOS legislation.

\*\* The Public Health Nutrition specialisation is only available to students with a three year undergraduate Bachelor degree in Nutrition or equivalent.

### MASTER OF PUBLIC HEALTH ADVANCED

Students in the Master of Public Health Advanced (96 cp program) complete the same 72 cp Master of Public Health structure, plus an additional 24 cp by taking a second specialisation option from the previous list or one of the following (note the options below are only available to Master of Public Health Advanced students).

#### Work Health and Safety

Complete the following four (6 cp) subjects:

- People and Work
- WHS Risk Management
- Work Injury Management
- Workplace Hazards and Hygiene

#### Health Informatics

Complete the following four (6 cp) subjects:

- Concepts and Issues in Healthcare Computing
- Information Design and Content Management
- Introduction to Health Informatics
- System Analysis

#### Public Health Research

Students who obtain at least a 70% average in their core Public Health subjects, and receive the approval of the Director of Academic Studies, may have the option to undertake a specialisation in Research Skills & Application, or a major project.

## Credit Transfer

Applicants with the following qualifications may be admitted to the Master of Public Health with advanced standing of 24 credit points, enabling completion of the course with one year equivalent full-time study:

- Honours Bachelor degree in Public Health or a related discipline;
- A UOW Graduate Certificate in Public Health;
- A UOW Graduate Certificate in Health Promotion, or
- Bachelor degree with a minimum of two years' relevant work experience.

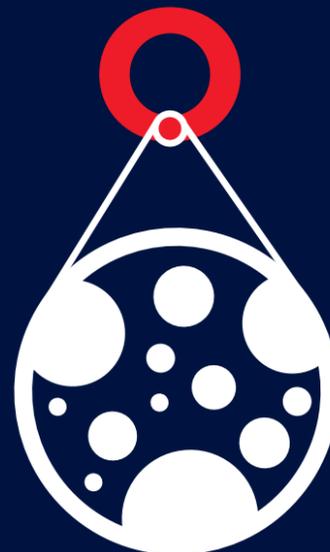
Credit for specific subjects will be granted following consultation with the Director of Academic Studies.

## Professional Recognition

Graduates of the Master of Public Health and Master of Public Health Advanced qualify for membership of the Australian Health Promotion Association and the Public Health Association of Australia.

# Science

Postgraduate Science at UOW teaches you the technical skills for your specialist career. Join world-class research projects, or direct your own personal research through UOW's new Sciences Teaching Facility, featuring both teaching and Higher Degree Research laboratories.



### WHY STUDY SCIENCE AT UOW

- Learn the most current knowledge direct from leading researchers who are keen to pass on their passion for science.
- Help make ground-breaking discoveries working alongside our scientists in areas such as medical biotechnology, climate change, anti-cancer drugs and biodiversity.
- A new Centre of Molecular Life Science, to open in 2019, will be a purpose-built collaborative research centre equipped with world-leading technologies. This includes the Titan Krios cryo-electron microscope, the world's most powerful and flexible high-resolution electron microscope for biological research.
- Our Wollongong campus location offers a range of landscapes that are ideal for fieldwork, including coastal, freshwater, bushland and geologically diverse environments, right on our doorstep.
- Benefit from our close relationships with industrial and governmental organisations, including:
  - Australian Nuclear Science and Technology Organisation (ANSTO)
  - Commonwealth Science and Industrial Research Organisation (CSIRO)
  - Australian Synchrotron

### THE BEST IN NSW/ACT

The Federal Government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2017 as the best university in New South Wales and the ACT for Agriculture and Environmental Studies, and second among all universities in New South Wales and the ACT for Science and Mathematics.

UOW also ranked in the top 150 universities in the world for Chemistry, and top 200 universities in the world for Earth and Marine Sciences in the QS World University Rankings by Subject 2017.

## Master of Science

CRICOS	067084D
DURATION	1.5 years (72 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree in a relevant specialisation (refer to the requirements for each specialisation), or equivalent.
IELTS	Overall 6.0 (R:6, W:6, L:6, S:6)

Five options are available at the Masters level for students who want to pursue a specialisation in one of the following areas:

- Biotechnology
- Chemistry
- Environmental Biology
- Medicinal Chemistry
- Earth and Environmental Sciences

The Master of Science program focuses on core science skills and a specialisation. There is opportunity to undertake an overseas exchange and research in an area of scientific importance. Relevant subjects outside of the Faculty can be included as part of the course to add depth and enhance employability prospects.

## Course Structure

As part of the Master of Science, you will complete core science subjects, elective subjects and choose a specialisation. You can also take part in exchange opportunities and learn about global perspectives in science.

Core science subjects:

- Current Questions in Science
- Fundamentals of Science Communication
- Fundamentals of Science Data and IT
- Fundamentals of Science Laboratories or the equivalent discipline-based subject

## Specialisations

### BIOTECHNOLOGY

<b>go.uow.edu.au/msci-biot</b>	
ENTRY REQUIREMENTS	A recognised Bachelor of Science degree that includes subjects in the areas of biochemistry, cell medical biology, molecular biology, microbiology or immunology.

This Biotechnology specialisation is designed for students who seek knowledge and technological expertise in specific areas of cell and molecular biology, which are the basis for modern biotechnological research and development. Students will gain an understanding of DNA technology and genetic engineering of micro-organisms, and plant and animal cells. The subjects provide an introduction to the basic elements of modern cell and molecular biology, before proceeding to intensive training in current biotechnology and its application to the fields of human therapeutics, agriculture and diagnostics.

Tutorials and laboratory-based practical work will be undertaken in each of the subjects, and students have the opportunity to explore new technology including genomics, transcriptomics and proteomics.

Subjects available in the Biotechnology specialisation:

- Applied Bioinformatics
- Biotechnology
- Infection and Immunity
- Introductory Genetics OR Principles of Biochemistry
- Molecular Cell Biology

A literature review or research project may be included, subject to approval by the Course Coordinator.

### CHEMISTRY

<b>go.uow.edu.au/msci-chem</b>	
ENTRY REQUIREMENTS	A recognised Bachelor of Science degree in chemistry, including at least 24 cp (or equivalent) of third-year chemistry.

This course will prepare you for the demands of postgraduate research programs (e.g. M. Phil and PhD) and for careers in industrial chemistry companies and government agencies. The chemistry specialisation helps you to further develop your individual research skills, while simultaneously exposing you to cutting-edge topics such as supramolecular science, ecotoxicology, atmospheric modelling, rational drug design, computational chemistry and laser spectroscopy.

Subjects available in the Chemistry specialisation:

- Advanced Analytical Chemistry
- Advanced Organic Synthesis and Reactivity
- Elucidating Molecular Structure
- Environmental Chemistry and Climate Change
- Intelligent Materials and their Applications
- Organic Chemistry II OR Analytical and Environmental Chemistry

A laboratory project or literature report may be included with the approval of the Course Coordinator.

### EARTH AND ENVIRONMENTAL SCIENCES

<b>go.uow.edu.au/msci-eesci</b>	
ENTRY REQUIREMENTS	A Bachelor degree that includes foundational subjects relevant to this degree.

This course is for students who wish to extend their knowledge and diversify their skill base within a range of sub-disciplines of the Earth and Environmental Sciences, particularly in the areas of Environmental Science, Geology and Physical Geography. There are a range of subjects available in the Earth and Environmental Sciences specialisation, some of which include:

- Advanced Plate Tectonics, Macrotopography and Earth History
- Advanced Coastal Environments: Processes and Management
- Advanced Fluvial Geomorphology and Sedimentology
- Advanced Geographic Information Science

Students will also undertake a library, field and/or laboratory study on a topical aspect of earth and environmental sciences as well as a research-based subject.

### ENVIRONMENTAL BIOLOGY

<b>go.uow.edu.au/msci-envbiol</b>	
ENTRY REQUIREMENTS	A recognised Bachelor of Science degree that includes introductory-level subjects in the areas of general biology, ecology, genetics, evolution, physiology and statistics.

This program is designed for students who seek further knowledge and skills in the biological sciences, or want to qualify for a postgraduate research degree. Areas covered include conservation biology, ecological and evolutionary physiology, marine and terrestrial ecology, and fisheries and aquaculture.

Subjects available in the Environmental Biology specialisation:

- Advanced Topics in Fisheries and Aquaculture
- Advances in Conservation Biology
- Ecological and Evolutionary Physiology
- Advanced Topics in Marine and Terrestrial Ecology
- Principles of Ecology OR Evolution and Behaviour

Research projects and subjects in molluscan biology and other areas may be included with the approval of the Course Coordinator.

### MEDICINAL CHEMISTRY

<b>go.uow.edu.au/msci-medchem</b>	
ENTRY REQUIREMENTS	A recognised Bachelor of Science degree in chemistry or medicinal chemistry, including at least 24 cp (or equivalent) of third-year chemistry and at least second-year biology and biochemistry.

This course is ideal preparation for those who wish to enhance their opportunities of working in the drug discovery industry, or are seeking to enhance their chances of gaining entry into a postgraduate pharmacy program or a postgraduate research degree. This program provides vocational training in the area and consists of specialised coursework and a small research project. The program includes the study of drug design and development, synthesis, pharmacology, computer modelling and structural studies.

Subjects available in the Medicinal Chemistry specialisation:

- Introduction to Medicinal Chemistry\*
- Advanced Topics in Medicinal Chemistry\*
- Advanced Analytical Chemistry
- Advanced Organic Synthesis and Reactivity
- Bioinformatics and Biological Chemistry
- Elucidating Molecular Structure
- Organic Chemistry II OR Analytical and Environmental Chemistry

A laboratory project or literature report may also be included with the approval of the Course Coordinator.

\*core subjects for this specialisation.

## Graduate Certificate in Regulatory Science

### go.uow.edu.au/gc-reg-sci

CRICOS	N/A
DURATION	1.5 years (24 cp) part-time only
STARTS	Spring
DELIVERY	Distance
ENTRY REQUIREMENTS	Tertiary qualification or equivalent experience in the area of regulatory affairs.
ADDITIONAL CRITERIA	Applicants may have experience in quality assurance, medical products sales and marketing, medical products importation, government policy, medical products distribution, healthcare, government procurement or private health insurance.
IELTS	Overall 6 (R:6, W:6, L:6, S:6)

The Graduate Certificate in Regulatory Science produces career ready employable graduates. Students will acquire relevant critical skills and knowledge needed to become regulatory affairs leaders ready for industry. It's also a pathway for further studies or roles in the growing biotechnology industry sector.

The Graduate Certificate has been designed by industry experts to provide real life case studies from authentic experiences. You will learn about the framework in which regulatory affairs is conducted by examination of the origins and current methodologies implemented by host regulatory authorities. It also examines the essential integration of quality management principles for effective execution of regulatory affairs.

You will develop knowledge and skills in the requirements for regulatory oversight throughout the product placement, post market vigilance and monitoring phases of the product life cycle. You will also develop strategies to balance business objectives and compliance with regulatory requirements through the identification of risks and unknowns with marketing strategies.

Career pathways include: regulatory or clinical affairs associates; research or development scientists; marketed-product support, quality assurance roles; biomedical, manufacturing and validation and process control engineers; post market surveillance and vigilance monitoring roles; distribution and legal representation of products, academia and government roles.

You will study the following subjects:

- Fundamentals of Regulatory Science
- Regulatory Science Interfacing, Vigilance and Monitoring

## PATHWAYS TO MASTERS PROGRAMS IN SCIENCE

## Graduate Certificate in Science

<b>go.uow.edu.au/gcert-sci</b>	
CRICOS	083842D
DURATION	6 months (24 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree in any science discipline.
IELTS	Overall 6.0 (R:6, W:6, L:6, S:6)

The Graduate Certificate in Science is for students who wish to upgrade their qualifications and gain further background in science. The degree also gives students the required foundations for further study in the science discipline.

After satisfactory completion of the Graduate Certificate, students may receive full credit for the four subjects completed if progressing to the Master of Science or the Master of Science and Management specialisations in Biotechnology, Environmental Biology, Chemistry, or Medicinal Chemistry.

This means the Master of Science will take a further 48 cp (1 year) to complete, or 72 cp (1.5 years) for the Master of Science and Management for these specialisations.

## Graduate Certificate in Spatial Science

<b>go.uow.edu.au/gradcert-spacsci</b>	
CRICOS	084863B
DURATION	6 months (24 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	A recognised Bachelor degree of at least 3 years in any science or information technology related specialisation (including geography); or a similar tertiary qualification, with relevant work experience, as approved by the Head of School.
IELTS	Overall 6.0 (R:6, W:6, L:6, S:6)

The Graduate Certificate in Spatial Science provides a theoretical basis underpinning GIS (geographic information systems), remote sensing and GPS (global positioning systems), concentrating on the development of practical skills. Knowledge and skills gained enable students to use spatial analysis techniques to solve a variety of problems using industry standard software.

Students will study:

- Fundamentals of Spatial Science

Plus ONE of the following subjects:

- Advanced Geographic Information Science
- Advanced Remote Sensing of the Environment

# Social Work

The core of social work is the improvement of social health and the psychological wellbeing of individuals and communities. Social workers achieve this by drawing on social work theory, practice experiences, interdisciplinary 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.
- 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, Shoalhaven, and Liverpool regions 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 2016 as the best university in Australia for Humanities, Culture and Social Sciences. UOW is also ranked as the best university in New South Wales and the ACT for Health Services and Support.

## Masters of Social Work (Qualifying)

[go.uow.edu.au/m-swqual](http://go.uow.edu.au/m-swqual)

CRICOS: 094540E

DURATION: 2 years full-time or part-time equivalent

STARTS: Spring (July) - South Western Sydney campus  
Autumn (February) 2019 - Wollongong and South Western Sydney campus

ENTRY REQUIREMENTS: Applicants should have a bachelor degree in social sciences, psychology, public health, education, nursing, or a related undergraduate qualification with at least one year of Social Science content (i.e. studies of the individual and society).

IELTS: Overall 7.0 (R:7.0, W: 7.0, L:7.0, S:7.0)

The UOW Masters of Social Work (Qualifying) will equip you with the knowledge and skills to make important contributions to the betterment of people and communities. You will build on prior study of the individual and society, and further develop your interest in social justice and human rights, to earn a professionally accredited Social Work qualification.

UOW Social Work graduates enter the workforce with practical experience earned through supervised professional placements. Your UOW degree will ensure you're ready to promote social change and development, and will help you make a difference to the lives of marginalised and disadvantaged individuals, families and communities.

## 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 (WWCC).

## NSW HEALTH REQUIREMENTS

The NSW Health Department requires all students undertaking clinical supervised professional practice at NSW Health hospitals and facilities to:

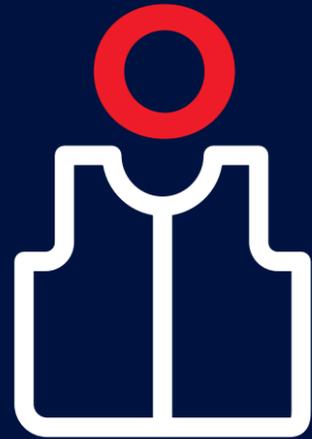
- undergo a national criminal record check; and
- comply with NSW Health's immunisation requirements prior to employment or supervised professional practice in any capacity in the NSW health system.

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.

In addition, overseas students must also provide a Police Certificate from their home country/any country they have resided in, or a signed Statutory Declaration with no convictions/pending charges.

# Work Health & Safety

UOW is home to Work Health and Safety Scholars who are leaders in the field. Our multidisciplinary approach will provide you with the practical experience in a range of areas, that will teach you to apply your skills in the workplace.



## WHY STUDY WORK HEALTH AND SAFETY AT UOW

- UOW is one of the only universities in Australia to offer a Masters of WHS (Occupational Hygiene Practice).
- You can choose from flexible study options so that you can balance work, home-life, and study.
- Our professional programs are accredited with national and international organisations.

## THE BEST IN NSW/ACT

The federal government's Quality Indicators for Learning and Teaching (QILT) ranked UOW in 2017 as the best university in New South Wales and the ACT for Health Services and Support.

## Master of Work Health and Safety Advanced

go.uow.edu.au/mwhsadv	
CRICOS	086232F
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July) NB. Spring start is for the Health Promotion specialisation only.
ENTRY REQUIREMENTS	Recognised Bachelor degree, with a major in a science or health-related discipline, or a degree in another relevant area (for example engineering) which contains at least one year of science-based subjects. Applicants with other relevant qualifications and/or work experience may be considered.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

## Master of Work Health and Safety

go.uow.edu.au/mwhs	
CRICOS	083559C
DURATION	1.5 years (72 cp)
STARTS	Autumn (February)
ENTRY REQUIREMENTS	See entry requirements for Master of Work Health and Safety Advanced
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

## Graduate Diploma in Work Health and Safety

go.uow.edu.au/gdip-whs	
CRICOS	083560C
DURATION	1 year (48 cp)
STARTS	Autumn (February)
ENTRY REQUIREMENTS	See entry requirements for Master of Work Health and Safety Advanced
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

UOW's Work Health and Safety programs have been developed in conjunction with industry to address the complex nature of occupational health and safety in the workplace.

The advanced knowledge and skills developed throughout this course will allow you to confidently address complex workplace occupational health and safety issues through technical knowledge and application. There is also an emphasis on communication skills and techniques essential to effectively implement work health and safety strategies.

The Master of Work Health and Safety is intended for students who want to pursue careers in specialist fields.

The degree provides intensive professional study in the area of occupational health and safety, and requires specialisation in one of the following areas: Ergonomics, Occupational Hygiene or Risk Management. Students in the Master of Work Health Safety Advanced (96 cp program) complete the same 72 cp Master of WHS structure, plus an additional 24 cp by taking a second specialisation in either Health Promotion or WHS Research.

## Course Structure

The Graduate Diploma comprises the following core WHS subjects (48 cp):

- People and Work
- WHS Risk Management
- Work Health and Safety Law
- Industrial Epidemiology and Toxicology
- Work Injury Management
- Workplace Hazards and Hygiene
- Occupational Health and Safety Systems
- Physical Hazards at Work

Students in the Master of Work Health and Safety program complete the above core WHS subjects (48 cp) and 24 cp from one of the following specialisations:

Ergonomics Specialisation:

- Ergonomics Essentials
- Ergonomics Workplace Project
- Research Methods

Occupational Hygiene Specialisation:

- Occupational Hygiene
- Occupational Hygiene Workplace Project
- Research Methods

Risk Management:

- Advanced WHS Risk Management
- Research Methods
- Workplace Project

Students in the Master of Work Health and Safety Advanced complete the same course structure as the Master of Work Health and Safety as well as one of the following specialisations:

Health Promotion:

- Contemporary Public Health Issues II
- Health Promotion Competencies II

Plus one of the following:

- Health Promotion II
- Nutrition Promotion

WHS Research:

- Major Project

## Professional Recognition

The Graduate Diploma in Work Health and Safety, and the Master of Work Health and Safety (Ergonomics) and (Occupational Hygiene) specialisations are accredited by The Australian Occupational Health & Safety Educators Accreditation Board (AOHSEAB). Accreditation is currently being sought for the Risk Management specialisation.

The Occupational Hygiene specialisation is accredited by The Australian Institute of Occupational Hygienists (AIOH), the British Occupational Hygiene Society (BOHS), and the Institute of Occupational Safety & Health (IOSH). This specialisation fulfils the educational requirements for full membership of the Australian Institute of Occupational Hygienists (AIOH).

# Making a global impact

The University of Wollongong is a global leader in discovery and learning, working to transform the world we live in.

UOW is a research intensive university and our reputation as a place for outstanding transdisciplinary research continues to strengthen. Much of our research is aligned to emerging global problems, from climate change to cybersecurity. We nurture projects and collaborate with industry, government, institutions and other universities to foster a supportive research community and drive social, economic and cultural change.

We champion and demonstrate how an interdisciplinary approach can tackle the significant problems the world faces.

Our medical innovations are improving lives. We are helping to influence public policy. We are creating new ways of thinking about histories and cultures. We are helping prepare for climate change. Most of all, our research is improving social and economic wellbeing in our regional communities, nationally and globally.

# Major Research Entities

UOW research is focused on innovation; making significant positive change. It's about leading new ideas and making impact. Our research is focused on identifying and meeting the challenges of both today and tomorrow. Combining academic strengths, purpose built facilities and partnerships with key external organisations, our major research entities drive transformative research.



## AUSTRALIAN INSTITUTE FOR INNOVATIVE MATERIALS

The Australian Institute for Innovative Materials (AIIM) is an advanced materials research, prototyping and device facility located at the University of Wollongong's Innovation Campus.

AIIM houses two of the University's flagship research groups. The Institute for Superconducting and Electronic Materials, focuses on materials for energy technologies, electronic devices and is the leader of the AutoCRC vehicle electrification program. The Intelligent Polymer Research Institute leads the Australian Research Council Centre of Excellence for Electromaterials Science, is part of the Polymers CRC and is driving development of nanomaterials for health and medical applications. AIIM also houses the Electron Microscopy Centre, which includes advanced microscopy and characterisation equipment.

The new materials developed at AIIM are already being used to meet some of society's greatest challenges. Advanced production, prototyping and device development facilities allow research to extend to the development of novel processing, manufacturing and fabrication methods to help bridge the gap to commercialisation.

[aiim.uow.edu.au](http://aiim.uow.edu.au)



## EARLY START

Officially opened in July 2015, UOW's \$44 million Early Start initiative represents a new way of thinking about how universities can share their intellectual capital and research with the community, and how technology can bring about better outcomes for children. Early Start is transforming lives through education to reduce current gaps in inequality. By investing in the earliest years of life, Early Start is working to create a landscape for learning and social change that is markedly different to the image traditionally associated with higher education.

With state-of-the-art teaching, research and community engagement facilities, the Early Start building acts as a hub connecting to a network of partner centres in regional, rural and remote communities across NSW.

Within the building is the Early Start Discovery Space, a public, hands-on creative learning space specifically designed for children from birth to 12 years and their accompanying families, carers, educators and teachers.

[earlystart.uow.edu.au](http://earlystart.uow.edu.au)



## ILLAWARRA HEALTH & MEDICAL RESEARCH INSTITUTE

The Illawarra Health and Medical Research Institute is a joint initiative of the University of Wollongong and Illawarra Shoalhaven Local Health District (ISLHD).

Based in a purpose-built facility at UOW's main campus, IHMRI's goal is to foster, support and grow health and medical research in the Illawarra. It aims to connect and support academic and clinician researchers to address problems of relevance to the region and the world.

The Institute provides research leadership, coordination, infrastructure and facilities to 600 affiliated researchers and students who are either based in IHMRI's headquarters or other UOW and ISLHD centres around the region. All contribute to the Institute's research program, which has three core themes: Diagnostics and Therapeutics; Chronic Conditions and Lifestyle; and Mental Health and the Ageing Brain. The program also has an Illawarra Insights cluster focused on population health.

[ihmri.uow.edu.au](http://ihmri.uow.edu.au)



## SMART INFRASTRUCTURE FACILITY

The world is changing, not only because of technology and climate change, but also the impact of an ageing population. This means the way we plan and manage infrastructure will need to change too.

To address this challenge SMART brings together experts from fields such as transport, water, energy, economics, and modelling and simulation in a state-of-the-art facility to support this important research agenda.

As an international leader in applied infrastructure research, SMART is helping to address the challenges of infrastructure planning and management, both now and into the future.

[smart.uow.edu.au](http://smart.uow.edu.au)



## SUSTAINABLE BUILDINGS RESEARCH CENTRE

UOW's Sustainable Buildings Research Centre (SBRC) is an exciting new addition to the Innovation Campus, and a showpiece of innovation and research excellence.

Researchers at SBRC are working to develop sustainable building technologies for residential and commercial applications and analyse and improve thermal design for buildings to reduce the need for using energy for heating and cooling. Other projects look at renewable energy technology application, and developing control and sensor technology to improve building performance.

The SBRC building was awarded a six star Green Star Education Design rating and is on track to be the first Australian building certified by the Living Building Challenge – the world's most advanced measure of sustainability in the built environment. The Living Building Challenge comprises seven performance areas: site, water, energy, health, materials, equity and beauty. As part of meeting the Living Building Challenge, the SBRC is an ultra-low energy building with natural ventilation and carefully-selected materials, many of which have been recycled and/or sourced locally.

[sbrc.uow.edu.au](http://sbrc.uow.edu.au)

# Research

Research students at UOW have direct access to academics who play a pivotal role in the latest research developments, and you will be able to play an active and exciting part in research projects of international importance.

In most cases, you will be allocated two supervisors to ensure maximum support for your research project.

UOW continues to develop its reputation in key niche areas of research, including intelligent polymers and superconductors; biomolecular, physical and chemical sciences; intelligence and security; innovative engineering; medical and clinical research; smart foods; public health; preventative health and health services; medical radiation physics; Asia-Pacific social transformation studies; and environmental conservation.

For those interested in an academic or research career, our research programs will ensure you achieve an advanced level of practice. For more information about research programs, see [uow.edu.au/future/international/research](http://uow.edu.au/future/international/research)

## TYPES OF RESEARCH DEGREES

### DOCTOR OF PHILOSOPHY INTEGRATED (4 YEARS)

The Doctor of Philosophy (Integrated) is a four-year research degree that integrates a traditional three-year PhD thesis with one year of Coursework subjects.

The Coursework is completed in the first year and helps candidates to improve their research skills while allowing additional time to develop a detailed research topic.

#### APPLICATION REQUIREMENTS FOR PHD (INTEGRATED)

Applicants should have a minimum of four years of study at degree level, either a four-year Bachelor degree, or a Bachelor degree plus Masters by Coursework, with a minimum Credit average (65% or GPA 3.0 out of 4.0), or equivalent.

Applicants for the PhD Integrated do not need to submit a detailed research proposal or referees' reports. They should, however, provide a brief Supporting Statement of approximately 200 words outlining the broad area of intended future research and reason for wishing to enrol in a research program.

### DOCTOR OF PHILOSOPHY (4 YEARS)

The UOW Doctor of Philosophy (PhD) is a four-year research-only program. Candidates' work must make an original contribution to the body of knowledge in a specific discipline.

Students are required to demonstrate their capability for independent research leading to the production of a written thesis of their research findings.

### PROFESSIONAL DOCTORATES (4 YEARS)

These prepare professional leaders with research experience in their chosen area of study. Students usually undertake a thesis and approved study that may include specified coursework and/or practical work and/or performance. UOW offers Professional Doctorates in the areas of Public Health, Education, Psychology and Creative Arts.

### MASTER OF PHILOSOPHY (2 YEARS)

The standard duration of the Master of Philosophy is two years, comprising two-thirds research (72 cp) and one-third coursework (24 cp). Advanced standing for some or the entire coursework component may be granted to those who have completed a substantial piece of written research, for example in a Bachelor (Honours) or Masters by Coursework degree.

### MASTER OF RESEARCH (2 YEARS)

The two-year Master of Research (MRes) training pathway program is comprised of advanced research training and a substantial research project to provide an internationally recognised entry qualification to doctoral programs.

Applicants for the Master of Research should discuss their research project with a potential supervisor at UOW.

#### APPLICATION REQUIREMENTS FOR PHD, PROFESSIONAL DOCTORATES AND MASTER OF PHILOSOPHY

Admission to a research degree normally requires the completion of a recognised four-year Bachelor (Honours) degree awarded at Class II, Division 2 or higher in a discipline relevant to the intended area of research. Completion of a Masters by Coursework degree containing substantial research or research methodology may also be considered. Some research courses have additional entry requirements. These are included in the course descriptions in this course guide.

Applicants to a PhD may in some cases be required to commence their enrolment in the relevant Master of Philosophy course and then apply to transfer to the PhD if they achieve a suitable standard.

## HOW TO APPLY FOR A RESEARCH PROGRAM

### 1. FIND A SUPERVISOR AND AN ACADEMIC UNIT

Your first step is to determine your preferred field of study and find the faculty or academic unit that will best meet your requirements. The University's research areas are summarised on pages 96–97. You are encouraged to visit the staff web pages of each faculty to identify a potential supervisor who matches your area of research interest.

### 2. FIND A RESEARCH TOPIC

You must contact a potential supervisor of postgraduate studies or Faculty Head to discuss the broad plan for your research project prior to applying for admission. A list of Heads of Postgraduate Studies can be found at [uow.edu.au/research/rsc/prospective](http://uow.edu.au/research/rsc/prospective)

You will need to develop and submit a clear research proposal with your application. This proposal must summarise the topic/field of research you would like to pursue, including your proposed methodology and motivations for wanting to undertake this research.

### 3. APPLY FOR ADMISSION

You can apply through an authorised UOW representative in your home country or directly to the university at [apply.uow.edu.au](http://apply.uow.edu.au)

All UOW research applications are online only. The online application provides full details of the documents you must provide together with transcripts of all your academic qualifications, including:

- a one-page research proposal as detailed above
- a curriculum vitae, which includes details of your previous research experience and academic prizes/awards, employment history, and a list of relevant written work and publications; and
- two referees' reports.

## VISITING RESEARCH PRACTICUM PROGRAM

The Visiting Research Practicum Program is designed for students from overseas universities who wish to come to UOW to obtain unpaid research experience or professional/industrial practice with a UOW research team. This professional practicum is for a limited period (usually between three and six months) and may be a formal requirement for the award of a degree at the student's home university. A limited number of Visiting Research Practicum Scholarships are available each year to cover the supervision fee.

Application forms and further information are available at [uow.edu.au/future/studyabroad/research](http://uow.edu.au/future/studyabroad/research)



# Our research centres

For detailed information about research at UOW, it is important to visit our website: [uow.edu.au/research](http://uow.edu.au/research)

By exploring the website, you will learn more about the University's strengths, potential areas for your research and find out how to connect with potential supervisors.

## Faculty of Business

[business.uow.edu.au/research](http://business.uow.edu.au/research)

### RESEARCH

- Accounting
- Centre for Contemporary Australasian Business and Economics Studies
- Centre for Human & Social Capital Research
- Centre for Responsible Organisations and Practices
- Economics
- Finance
- Marketing
- Management
- Operations

### RESEARCH COURSES AVAILABLE

The PhD, PhD Integrated, MPhil, and MRes programs are available across the range of study areas within the Faculty of Business.

#### APPLICATION REQUIREMENTS

Listed on pages 94 - 95.

IELTS Overall 6.5 (R:6, W:6, L:6, S:6)

STARTS Autumn (February) and Spring (July)

CAMPUS Wollongong Innovation Campus and Sydney

## Faculty of Engineering and Information Sciences

[eis.uow.edu.au/research](http://eis.uow.edu.au/research)

### RESEARCH

- ARC Training Centre for Advanced Technologies in Rail Track Infrastructure
- Asset Management and Systems Engineering Research Group (AMSEG)
- Australian Power Quality and Reliability Centre (APQRC)
- Australian Steel Manufacturing Research Hub - Defence Materials Technology Centre
- Centre for Advanced Multimedia Research (CAMR)
- Centre for Big Data Analytics and Intelligent Systems (BDAIS)
- Centre for Emerging Networks and Applications (ENA)
- Centre for Geomechanics and Railway Engineering (CGRE)
- Centre for Infrastructure Protection and Mining Safety (CIPMS)
- Centre for IT-enabled Transformation (CITT)
- Centre for Medical Radiation Physics (CMRP)
- Centre for Persuasive Technology and Society (CPTS)
- Centre for Signal and Information Processing (CSIP)
- Coastal Reservoir Research Centre (CRRC)
- Decision Systems Lab (DSL)
- Engineering and Mathematics Education Research Group (EMERG)
- Engineering Manufacturing

- Engineering Materials
- Institute for Mathematics and its Applications (IMIA)
- Institute of Cybersecurity and Cryptology (iC2)
- Mining Research Centre
- National Institute for Applied Statistical Research Australia (NIASRA)
- Signal Processing for Instrumentation and Communications Research Laboratory (SPICR)
- Signals, Information and Communications Research Institute (SICOM)
- Wireless Technologies Laboratory (WTL)

### ENTITIES

- SMART Infrastructure Facility
- Sustainable Buildings Research Centre

### RESEARCH COURSES AVAILABLE

The PhD, PhD Integrated, MRes, and MPhil programs are available across the range of study areas within the Faculty of Engineering and Information Sciences.

#### APPLICATION REQUIREMENTS

Listed on pages 94 - 95.

IELTS Overall 6.5 (R:6, W:6, L:6, S:6) for PhD, PhD Integrated, MRes, and MPhil.

STARTS Autumn (February) and Spring (July)

## Faculty of Law, Humanities and the Arts

[lha.uow.edu.au/research](http://lha.uow.edu.au/research)

### RESEARCH

- Australian National Centre for Ocean Resources and Security (ANCORS)
- Centre for Texts, Cultures and Creative Industries (CTC)
- Centre for Critical Human Rights Research (HRR)
- Legal Intersections Research Centre (LIRC)
- Colonial and Settler Studies Network (CASS)
- Contemporary Emotions Research Network (CERN)
- Feminist Research Network (FRN)
- Material Ecologies Research Network (MECO)
- Narrative Practices in Therapy Initiative (NPT)

### RESEARCH COURSES AVAILABLE

The PhD and MPhil programs are available across the range of study areas within the Faculty of Law, Humanities and the Arts. The PhD Integrated and MRes programs are available in a number of Humanities study areas. The Faculty also offers a professional Doctorate, the Doctor of Creative Arts.

#### APPLICATION REQUIREMENTS

Listed on pages 94 - 95. Plus additional requirements for some degrees in this Faculty.

IELTS Overall 7.0 (R:6.5, W:6.5, L:6.5, S:6.5)

STARTS Autumn (February) and Spring (July)

## Faculty of Science, Medicine and Health

[smah.uow.edu.au/research](http://smah.uow.edu.au/research)

### RESEARCH

- ARC Centre of Excellence for Australian Biodiversity and Heritage
- Biomechanics Research Laboratory
- Bushfire Cooperative Research Centre
- Cancer Drug Discovery Group
- Centre for Archaeological Science
- Centre for Atmospheric Chemistry
- Centre for Human & Applied Physiology
- Centre for Translational Neuroscience
- Centre for Medical and Molecular Bioscience
- Centre for Sustainable Ecosystem Solutions
- GeoQuEST Research Centre
- Health Impacts Research Cluster
- Illawarra and Southern Practice Research Network
- Illawarra Teaching & Research Aged Care Services (ITRACS)
- Lipid Research Centre
- Mass Spectrometry User Resource & Research Facility
- Proteostasis and Disease Research Centre
- Smart Foods Centre
- Soft Materials Group

### ENTITIES

- Dementia Training Australia
- Illawarra Health and Medical Research Institute (IHMRI)

### RESEARCH COURSES AVAILABLE

The PhD, MPhil and MRes programs are offered across the range of study areas within the Faculty of Science, Medicine and Health. The PhD Integrated is available in a number of areas in Health and Science.

#### APPLICATION REQUIREMENTS

Listed on pages 94 - 95.

IELTS Overall 6.5 (R:6, W:6, L:6, S:6) for most programs

Overall 7.0 (R:7, W:7, L:7, S:7) for Medicine

Overall 6.5 (R:6.5, W:6.5, L:6.5, S:6.5) for Nutrition & Dietetics and Clinical Exercise Physiology

Overall 6.0 (R:6, W:6, L:6, S:6) for PhD Integrated in Science.

STARTS Autumn (February) and Spring (July)

## Faculty of Social Sciences

[socialsciences.uow.edu.au/research](http://socialsciences.uow.edu.au/research)

### RESEARCH

- Australian Centre for Cultural Environmental Research (AUSCCER)
- Early Start Research (ESR)
- Criminology
- Education
- Human geography
- Mental health
- Perception / Psychophysics
- Psychophysiology
- Psychopharmacology
- Public health
- Social work

### RESEARCH COURSES AVAILABLE

The PhD, PhD Integrated and MPhil programs are offered across the range of study areas within the Faculty of Social Sciences. The Faculty also offers three professional doctorates, the Doctor of Education, the Doctor of Public Health and the Doctor of Philosophy (Clinical Psychology).

#### APPLICATION REQUIREMENTS

Listed on pages 94 - 95.

Professional doctorates in Education, Psychology and Public Health have other requirements.

IELTS Overall 6.5 (R:6, W:6, L:6, S:6) except for clinical psychology which requires Overall 7.0 (R:7, W:7, L:7, S:7)

STARTS Autumn (February) and Spring (July) for most programs  
Autumn (February) only for programs in psychology.

Visit [coursefinder.uow.edu.au](http://coursefinder.uow.edu.au) for full details of research degrees available, including study areas, intakes, fees, CRICOS codes, campus location, and additional entry requirements for individual areas of study.

# Applying to UOW

## Academic entry requirements

The details under 'Entry Requirements' in the course section indicate the minimum academic entry requirements for each course. Note these are indicative only and do not guarantee a place in the course. These requirements may be amended at any time. All academic studies you have undertaken will be taken into account when considering your application.

All students must also meet the English language requirements shown for each course. Detailed information on English requirements are on the following pages.

Further details can be found at [uow.edu.au/future/international/apply/english](http://uow.edu.au/future/international/apply/english)

### ENGLISH LANGUAGE REQUIREMENTS

All students are required to provide evidence of satisfying English language requirements.

For full details go to [uow.edu.au/future/international/apply/english](http://uow.edu.au/future/international/apply/english)

Results in the major international English language tests are accepted, including IELTS, TOEFL, Pearson and Cambridge, where the test has been taken within two years of commencement at UOW.

#### WHAT IS THE ENGLISH REQUIREMENT FOR MY COURSE?

The English requirement for each course is shown in the preceding course description pages. The requirements are shown in terms of the IELTS academic test requirements, for example:

"IELTS: 6.0 (R:6, W:6, L:5, S:5)"

This means, to meet the English requirement for the Bachelor of Commerce, a minimum overall score of IELTS 6.0 is required, with at least 6.0 in reading and writing, and 5.0 in speaking and listening bands.

The equivalent scores for overall and individual band scores in the TOEFL and Pearson Test of English (academic tests) can be determined by using the table below:

Test	Overall	Reading	Writing	Speaking	Listening	Overall	Reading	Writing	Speaking	Listening	Overall	Reading	Writing	Speaking	Listening
IELTS	6.0	6.0	6.0	6.0	6.0	6.5	6.5	6.5	6.5	6.5	7.0	7.0	7.0	7.0	7.0
TOEFL	79	18	18	18	18	88	20	20	20	20	100	22	22	22	22
Pearson PTE	57	57	57	50	50	64	59	59	59	59	72	72	72	65	65

The English language requirement can also be satisfied by completing a 'direct entry' English course with UOW College as shown on the following page.

UOW recognises a number of other English language pathway courses offered by English language centres in Sydney. For details, email [futurestudents@uow.edu.au](mailto:futurestudents@uow.edu.au)

### PREVIOUS STUDY IN ENGLISH

Applicants may meet the English language requirement based on successful study in English in Australia or offshore.

#### STUDY IN AUSTRALIA OR AUSTRALIAN QUALIFICATIONS OFFSHORE

Successful completion of the following qualifications are acceptable as meeting the University's English language requirement:

- Year 12 in Australia, or any Australian Year 12 qualification completed offshore;
- Foundation Studies, Certificate IV or Diploma with a minimum duration of one year (full-time) completed in Australia; or any of these qualifications completed at an Australian institution offshore;

- At least one year (full-time) of study toward a Bachelor or Masters degree in Australia, or at an Australian institution offshore.

#### OTHER QUALIFICATIONS COMPLETED IN ENGLISH

Applicants may be considered as meeting the English language requirements if successfully completing two years of secondary or tertiary study at an approved institution where:

- the language of instruction was English; and
- the institution is located in a country where the official language is English.

Academic transcripts and an official letter from the institution certifying that English was the sole language of instruction and

assessment must be provided. Previous study in English is considered on a case-by-case basis and does not automatically meet UOW's English language requirement. Previous qualifications must have been completed within two years of commencement at UOW.

#### VISA REQUIREMENTS

As an international student you may have to meet the English language requirements based on your citizenship for visa purposes, as advised by the Department of Immigration and Border Protection. Please refer to [border.gov.au](http://border.gov.au) for more details.



# English language courses

**UOW  
COLLEGE**

With over 25 years' experience and 23,000 graduates, UOW College has a track record of successful preparation of students for entry to UOW, through a range of academic and English language courses.

UOW College offers a range of English language courses to suit your needs.

English for Tertiary Studies (ETS) provides a direct entry pathway to further study at UOW, without the need to sit an IELTS or other external test. ETS is available in 6, 12 or 18 week programs. If you require a longer course, you can enrol in English for Academic Purposes, and progress through to ETS to gain entry to UOW.

UOW College also offers IELTS preparation courses and the study skills program, Introduction to Academic Studies. For more information on all English language programs visit [uowcollege.edu.au/future-students/international](http://uowcollege.edu.au/future-students/international)

## ENGLISH COURSE LENGTH ESTIMATORS

The below tables provide a guide to the length of the English course you may require, depending on your current ability.

Level	SCORE AT TIME OF APPLICATION		ESTIMATED TIME REQUIRED TO REACH ENTRY SCORE (WEEKS)					UOW COURSES REQUIRING IELTS 6.0 (READING AND WRITING 6.0) OR EQUIVALENT	UOW COURSES REQUIRING IELTS 6.5 OR HIGHER (READING AND WRITING 6.0) OR EQUIVALENT
	IELTS	TOEFL (internet)	IELTS 5.0	IELTS 5.5	IELTS 6.0	IELTS 6.5	IELTS 7.0		
Advanced	6.5	88							
	6	79			6*	12	18	ETS 6	Overall IELTS of 6.0 (Reading 5.5 and Writing 5.5), or equivalent
Intermediate	5.5	70		6*	12	18	24		
	5	61		12	18	24	30	ETS 12	Overall IELTS of 5.5 (Reading 5.0 and Writing 5.0), or equivalent
Lower intermediate	4.5	52	12	18	24	30	36		
	4	45	18	24	30	36	42		
Elementary	3.5	38	24	30	36	42	48	ETS 18	Overall IELTS of 5.0 (Reading 5.0 and Writing 5.0), or equivalent
	3	24	30	36	42	48	48+		

\* For students with 6.0 overall, but 5.5 in either reading or writing  
# For students with 5.5 overall but less than 5 in reading or writing

## ENGLISH START DATES TO PREPARE FOR ENTRY TO UOW COURSES

FOR ENTRY TO UOW SESSION	START DATE BY LENGTH OF ENGLISH COURSE REQUIRED								
	48 WEEKS	42 WEEKS	36 WEEKS	30 WEEKS	24 WEEKS	18 WEEKS	12 WEEKS	6 WEEKS	
2018	Autumn (Feb)	27 Feb 2017	10 Apr 2017	22 May 2017	10 Jul 2017	21 Aug 2017	03 Oct 2017	13 Nov 2017	08 Jan 2018
	Spring (Jul)	10 Jul 2017	21 Aug 2017	03 Oct 2017	13 Nov 2017	08 Jan 2018	26 Feb 2018	9 Apr 2018	21 May 2018
2019	Autumn (Feb)	26 Feb 2018	9 Apr 2018	21 May 2018	9 Jul 2018	20 Aug 2018	2 Oct 2018	12 Nov 2018	7 Jan 2019
	Spring (Jul)	9 Jul 2018	20 Aug 2018	2 Oct 2018	12 Nov 2018	7 Jan 2019	25 Feb 2019	8 Apr 2019	20 May 2019

# Important dates

## SPRING SESSION 2017

Orientation	17 Jul
Lectures Commence (Weeks 1-9)	24 Jul - 22 Sep
Mid-session Recess	25-29 Sep
Lectures Recommence (Weeks 10-13)	3-27 Oct
Study Recess (1 Week)	30 Oct - 3 Nov
Exams (2 Weeks)	4-16 Nov
Release of Results	30 Nov

## AUTUMN SESSION 2018

Orientation	20-22 Feb
Lectures Commence (Weeks 1-7)	26 Feb - 13 Apr
Mid-session Recess (1 Week)	16-20 Apr
Lectures Recommence (Weeks 8-13)	23 Apr - 1 Jun
Study Recess (1 Week)	4-8 Jun
Exams (2 Weeks)	9-21 Jun
Mid-year recess	25 Jun - 20 Jul
Release of Results	5 Jul

## SPRING SESSION 2018

Orientation	16 Jul
Lectures Commence (Weeks 1-9)	23 Jul - 21 Sep
Mid-session Recess (1 Week)	24-28 Sep
Lectures Recommence (Weeks 10-13)	2-26 Oct
Study Recess (1 Week)	29 Oct - 2 Nov
Exams (2 Weeks)	3 Nov - 15 Nov
Release of Results	29 Nov

## TRIMESTER ONE 2018

Enrolment and Orientation - Sydney Campus	30 - 31 Jan
- Wollongong Campus	1 - 2 Feb
Lectures Commence	5 Feb
Study Recess (1 week)	16 Apr
Exams (1 week)	21 Apr
Release of Results	9 May

## TRIMESTER TWO 2018

Enrolment and Orientation - Sydney Campus	8 - 9 May
- Wollongong Campus	10 - 11 May
Lectures Commence	14 May
Study Recess (1 week)	23 Jul
Exams (1 week)	28 Jul
Release of Results	15 Aug

## TRIMESTER THREE 2018

Enrolment and Orientation - Sydney Campus	14 - 15 Aug
- Wollongong Campus	16 - 17 Aug
Lectures Commence	20 Aug
Study Recess (1 week)	29 Oct
Exams (1 week)	3 Nov
Release of Results	29 Nov

## SEE UOW WOLLONGONG CAMPUS FOR YOURSELF

### CAMPUS TOURS

If you're in Australia you can book a free tour of UOW Wollongong to see our world-class campus for yourself. Our tours are run by current UOW students who can answer all your questions about study and student life at UOW.

[uow.edu.au/campus-tours](http://uow.edu.au/campus-tours)

Most Fridays

### OPEN DAY

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.

[uow.edu.au/openday](http://uow.edu.au/openday)

Saturday 19 August

### LEARN MORE

[uow.edu.au/future/international](http://uow.edu.au/future/international)

Within Australia: 1300 367 869

International: +61 2 4221 3218

[facebook.com/uowfuture](https://facebook.com/uowfuture)

[instagram.com/uow](https://instagram.com/uow)

[futurestudents@uow.edu.au](mailto:futurestudents@uow.edu.au)

#ThisIsUOW



UNIVERSITY  
OF WOLLONGONG  
AUSTRALIA