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UNIVERSITY  
OF WOLLONGONG  
AUSTRALIA

O

2017  
International  
Postgraduate  
Guide

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# WUOLC

## 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

People are drawn to the University of Wollongong for many reasons: to pursue accredited qualifications, employment experience, global perspectives or 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 a positive contribution to their communities.

With connections to over 200 universities in 35 countries, UOW is truly an international university. We have students from over 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 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 130,000 alumni. Ask them why UOW would be right for you.



Professor Paul Wellings CBE  
Vice-Chancellor

## Number 1

rated university in Australia<sup>1</sup>

## 5-Star

rating for Getting a Full-Time Job<sup>2</sup>

## Top 2%

of universities in the world<sup>3</sup>

## Winner

Higher Education Award  
for graduate employability<sup>4</sup>

## 131,601

graduates from 178 countries

## 5 study areas

rated the best in Australia<sup>5</sup>

## Top 20

17<sup>th</sup> best modern university  
in the world<sup>6</sup>

## Top 1%

for graduates as rated  
by global employers<sup>7</sup>

# An internationally linked university

In Australia, UOW Wollongong brings together 24,500 students and staff from over 160 nationalities.

We have links with over 200 universities in 35 countries, and around the world 7,000 students are earning UOW degrees in Malaysia, Singapore, Hong Kong and the United Arab Emirates.

## **iCONNECT**

iConnect encourages all on-shore international students to engage in multicultural experiences with the aim of increasing cultural literacy and greater awareness of global issues.

[uow.edu.au/student/iconnect](http://uow.edu.au/student/iconnect)

## **UOWx**

UOWx is about exploring new ideas; gaining experience; expanding your skills; and extending yourself outside of your coursework. UOWx provides opportunities to participate in a range of programs—from community volunteering to mentoring others to achieve their best.

[uow.edu.au/student/life/uowx](http://uow.edu.au/student/life/uowx)

## **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 and count the studies towards 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 over 200 exchange universities in more than 35 countries.

[uow.edu.au/student/exchange](http://uow.edu.au/student/exchange)

## **UOW IN DUBAI**

The University of Wollongong in Dubai (UOWD) is one of the United Arab Emirates' (UAE) oldest and most prestigious universities. Over 4,000 students come from more than 100 countries for a UOW education in Dubai's Knowledge Village. UOWD is an independent UAE institution of higher education offering a range of undergraduate and postgraduate degrees accredited by the UAE Ministry of Higher Education and Scientific Research.

[uowdubai.ac.ae](http://uowdubai.ac.ae)





UOW is linked with over 200 universities in 35 countries with UOW degrees offered at:

- CCCU Hong Kong
- INTI Malaysia
- IRI Hong Kong
- PSB Singapore
- SIM Singapore
- UOW Australia
- UOW Dubai

# Our home in Wollongong

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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 at our main campus. It's a vibrant and welcoming community where you can achieve your best.



17 beaches

All patrolled

292,500 people

Wollongong area population

90 minutes

To Sydney CBD

15 nature walks

In the Wollongong region

5 minutes

From UOW to Wollongong city

32 trains

To Sydney daily



# About Wollongong

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UOW plays an important part in 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 industry. The region 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 their homes in Wollongong.

When UOW started enrolling a diverse mix of international students in the 1980s, Wollongong was already 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.

DISTANCE TO WOLLONGONG FROM		TRAIN FARE	
		One way	Return
Sydney (Central)	90 min	\$8.30	\$15.00
Hurstville	70 min	\$8.30	\$15.00
Sutherland	55 min	\$6.50	\$13.00

 22°C average annual temperature (71.6°F)

 27°C average max summer temperature (80.6°F)

 83km drive to Sydney (53 miles)



## THE OPAL CARD

Public transport (including all the trains and buses servicing Wollongong) use the Opal Card system, a pay-as-you-go ticketing system that works across all Sydney trains, buses and ferries. Visit [opal.com.au](http://opal.com.au) for information.

## CAPPED PRICES FOR BUSES & TRAINS

Using a rechargeable Opal Card to pay for train and bus fares means your fares are capped.<sup>1</sup> Travel as much as you want on all Opal-enabled trains, ferries, buses and light rail and never pay more than:

**\$15 A DAY / \$60 A WEEK**

<sup>1</sup> Prices above were correct in April 2016 and are subject to change. Some exceptions apply, see [opal.com.au](http://opal.com.au)

# Transport in Wollongong



## BICYCLE

UOW has over 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 BUSES MARKED ON MAP



**ROUTE 55:  
GONG SHUTTLE**



**ROUTE 9:  
NORTH GONG SHUTTLE**



**GWYNNEVILLE -  
KEIRAVILLE SHUTTLE**



**IC SHUTTLE**



The most important thing that I was worried about at first was finding friends, because I was new to Wollongong and I had no mates to hang out and spend my time with. Living in the biggest university residence gave me the chance to find heaps of friends and not feel alone. Also this has helped me to improve my English a lot.

Postgraduate students in Campus East live in spacious private units, which helps them focus more on their study. I've also been able to work as a student leader. This has been a great chance for me to practice my leadership skills and gain enough confidence to apply these skills in my future job.



**Ali Parvizi**

IRAN

Master of Engineering (Electrical Engineering)  
Campus East





## Student residences

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

- |   |                     |    |   |
|---|---------------------|----|---|
| 1 | INTERNATIONAL HOUSE | 6  | MARKETVIEW                                |
| 2 | WEERONA             | 7  | THE MANOR                                 |
| 3 | CAMPUS EAST         | 8  | GUNDI                                     |
| 4 | KOOLOOBONG VILLAGE  | 9  | GRADUATE HOUSE                            |
| 5 | KEIRAVIEW           | 10 | NEW RESIDENCE<br>Opening in February 2017 |

# UOW Accommodation

In a UOW student residence you will benefit from a multicultural environment offering a high level of academic and wellbeing support.

Choose from fully catered, flexi-catered or self-catered styles of accommodation.

## MEAL OPTIONS

### FULLY CATERED

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

### FLEXI-CATERED

Campus East has the flexi-catered option, where you only pay for what you eat. 19 meals a week will cost approximately \$100.

### SELF-CATERED

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

## PRIVATE ACCOMMODATION

UOW's Accommodation Services provides comprehensive information about private and shared accommodation 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.

## 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)

## APPLYING FOR UOW ACCOMMODATION

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

In order to secure a place in a residence, applications should be made as early as possible. A free airport pick-up service from Sydney International Airport (60 minutes away) is provided for all commencing students.

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



## 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)

## NEW RESIDENCES

With demand for accommodation on the rise, UOW is investing in two new on-campus residences, taking our vibrant UOW Living community to more than 2,500. The first new residence is due to be open in time for Autumn (Feb) session 2017 and is ideal for post graduate and mature age students. It also features accommodation for families.



## GUNDI

Located close to Wollongong's beautiful North Beach, Gundi is a small, quiet community of postgraduate students.



Self-catered rooms | 34 beds

Shared units of 2 and 6 bedrooms with shared bathrooms.

From \$245 per week\*

150m to bus stop (FREE shuttle)

1.5km to train station

## THE MANOR

The Manor brings together a small number of research students into a focused study environment.



Self-catered rooms | 9 beds

Single rooms with shared bathrooms

From \$265 per week\*

200m to bus stop (FREE shuttle)

200m to train station

## GRADUATE HOUSE

This on campus residence is designed for post graduate and mature age students. It also provides family accommodation.



Self-catered rooms | 78 units

Units range from single rooms to 3 bedroom units

From \$280 per week\*

Located on UOW campus (100m to FREE shuttle. 1.2km to train station)

## WEERONA

Weerona College is located next door to Beaton Park, a large sporting complex with an indoor pool, gymnasium, tennis courts and running track.



Fully catered (19 meals a week) | 204 beds

35 twin share rooms and 134 single rooms

From \$330 per week\*

100m to bus stop (FREE shuttle)

1km to train station

## INTERNATIONAL HOUSE

International House is an affiliate of the 16 International Houses Worldwide. It proudly boasts a community of many nations, living and learning together.



Fully catered (19 meals a week) | 222 beds

16 twin share rooms and 190 single rooms

From \$330 per week\*

200m to bus stop (FREE shuttle)

200m to train station

## CAMPUS EAST

Close to the beach and a 10 minute bus ride to the main UOW campus, Campus East is spread across large grounds, including a number of playing fields.



Flexi & self-catered units | 616 beds

Shared units range from 2 to 5 bedrooms with shared bathrooms

From \$285 per week (flexi-catered)\*

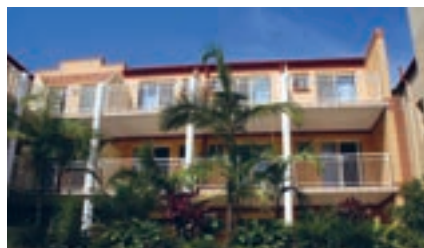
From \$267 per week (self-catered)\*

300m to bus stop (FREE shuttle)

400m to train station

## KEIRAVIEW

Keiraview is located on the fringe of Wollongong CBD and is walking distance to shops, the beach and some of the best cafés and restaurants in Wollongong.



Self-catered rooms | 46 beds

Single rooms with private ensuite and TV

From \$275 per week\*

150m to bus stop (FREE shuttle)

800m to train station

## KOOLOOBONG VILLAGE

Located right on-campus, living at Kooloobong Village means being minutes from classes and all of UOW's leisure facilities.



Self-catered units | 552 beds

Mix of single rooms and units with 5 or 4 bedrooms and shared bathrooms

From \$260 per week\*

Located on UOW campus (100m to FREE shuttle. 1.2km to train station)

## MARKETVIEW

Located in the heart of Wollongong, Marketview puts you within a short walk of the city's best shopping, restaurants, cafés and cultural hotspots.



Self-catered rooms | 144 beds

Single rooms with private ensuite and flat screen TV

From \$285 per week\*

150m to bus stop (FREE shuttle)

900m to train station

# Cost of living in Wollongong

Wollongong enjoys a very reasonable cost of living, which means you can focus your efforts on your study, not your finances.

Cost of living in Wollongong is lower than in many other cities in Australia.

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	\$350	\$1516*
Sydney – Hurstville	\$430	\$1863*
Melbourne – city	\$445	\$1928^
Sydney – city	\$720	\$3120*

## Sample monthly living costs

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

AVERAGE COST OF LIVING IN WOLLONGONG PER MONTH - 2015										
ACCOMMODATION TYPE	Rent	Food prepared at home & other groceries	Bills e.g. electricity	Local travel costs	Personal purchases e.g. clothing	Personal phone / internet	Entertainment	Food and drinks purchased on campus	Text books	Total cost \$A per month
2 bedroom apartment (own room). Central Wollongong & UOW area	758	250	120	0	↓	↓	↓	↓	↓	\$1,563
2 bedroom apartment (shared room). Central Wollongong & UOW area	379	250	60	0	↓	↓	↓	↓	↓	\$1,124
4 bedroom shared house (own room). Central Wollongong & UOW area	599	250	60	0	↓	↓	↓	↓	↓	\$1,344
4 bedroom shared house (shared room). Central Wollongong & UOW area	299	250	60	0	↑	↑	↑	↑	↑	\$1,044
Homestay. Outside Central Wollongong & UOW area	1,266	0	0	124	↑	↑	↑	↑	↑	\$1,825
University accommodation (Campus East) including 19 meals per week	1,300	0	0	0	↑	↑	↑	↑	↑	\$1,707

Source: \* NSW Family & Community Services Rent Tables Report, Sept 2015; ^ Department of Health & Human Services Rental Report (Victoria), Sept 2015





“

The best part of studying International Studies at UOW is the knowledge, skills and attitudes I have gained, which will serve me further in my career and life.

I also chose UOW because of Wollongong's environment and reasonable cost of living—with 3 children under 8 years old, I not only needed to find the best place for me to study, but the best place for my family.

**Tengku Siliawati**

MALAYSIA

Master of International Studies



**rice**

\$2 - 1KG



**bread**

\$3 LOAF



**milk**

\$2 - 1L



**eggs**

\$3.50 FOR 12, FREE RANGE



**cola**

\$3.50 BOTTLE



**noodles**

\$0.50 INSTANT



**movie**

\$4 AT UOW UNIMOVIES



**coffee**

\$3.50 CUP



**gym**

\$8 A WEEK



# Campuses, careers & support

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Wherever we are in the world,  
UOW connects a quality education  
with real opportunity, preparing  
students for global careers on  
modern campuses.





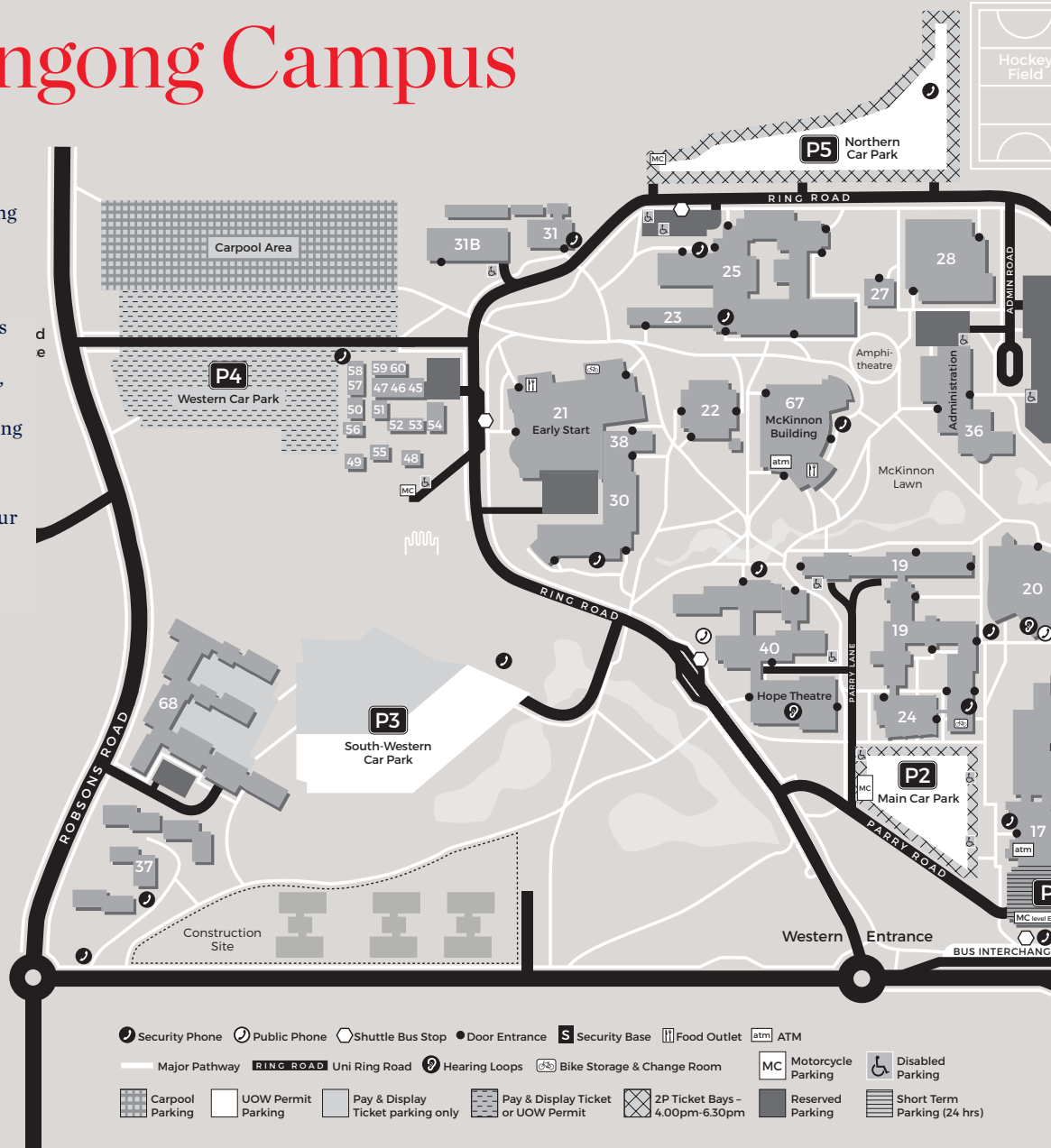
# Wollongong Campus

Our Wollongong campus combines modern teaching and study spaces on 83 hectares of landscaped Australian bushland.

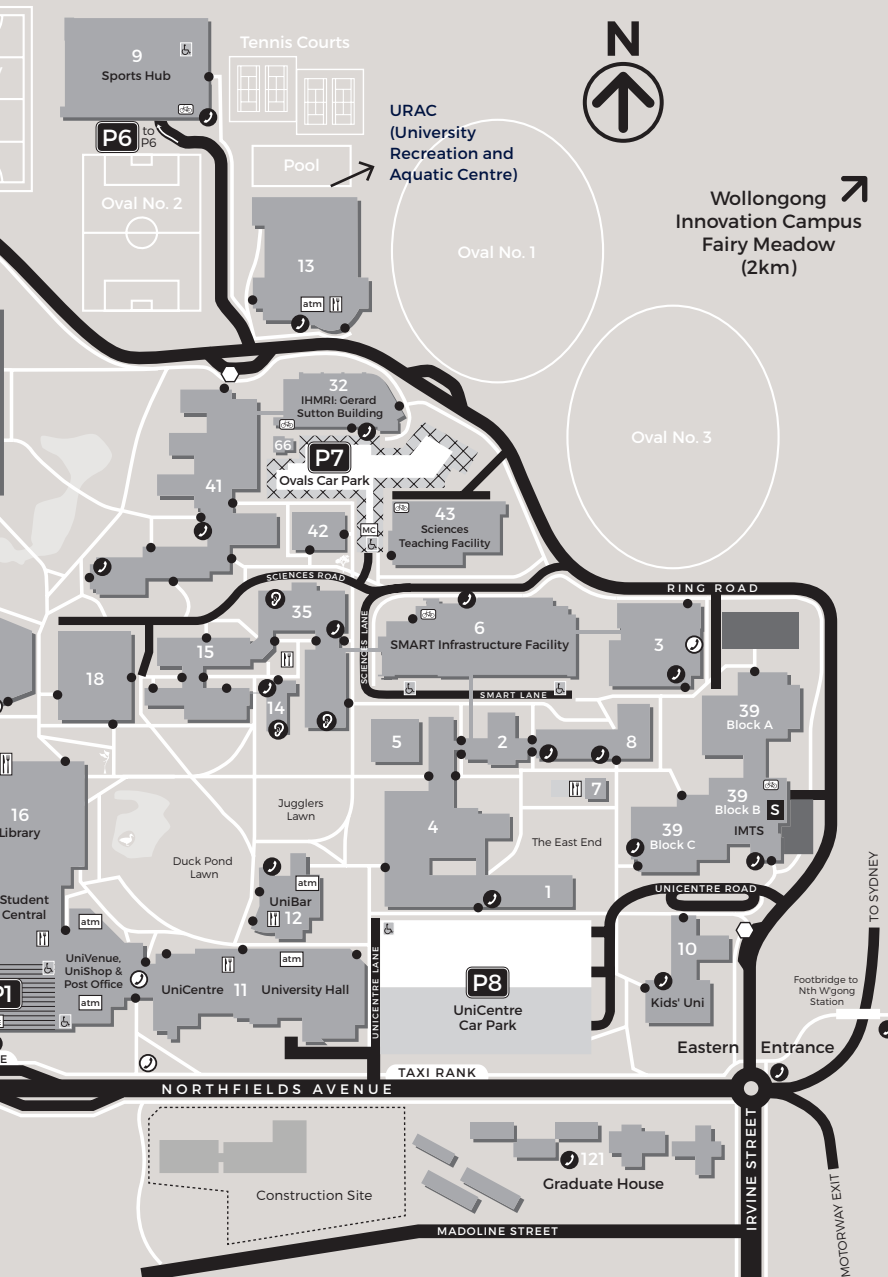
We have created a campus that includes academic support, accommodation, sports, culture and entertainment—everything you need.

At UOW Wollongong you can relax and focus on your education.

-  Travel agent
-  Medical centre
-  Post office
-  Supermarket
-  2 banks
-  19 food outlets
-  53 kg of coffee beans sold daily



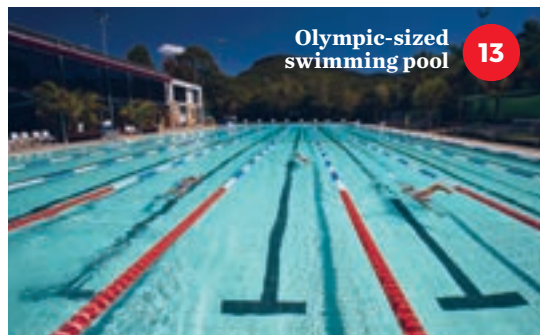




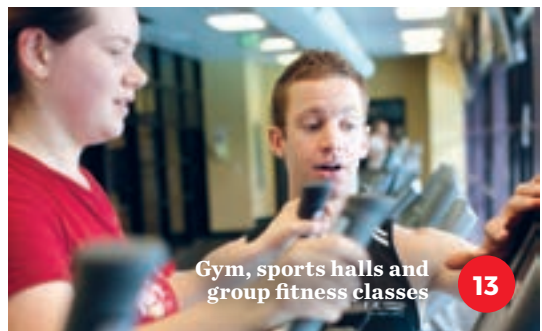
**16** UOW Library



**RUSH 2 CAFE** 8 cafés on campus



Olympic-sized swimming pool **13**



Gym, sports halls and group fitness classes **13**



**40** Hope Theatre



**12** UOW UniBar 180 performances on campus each year



**OV** **AL NO.1** Many free UOW sporting teams

# Sydney Campus

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

The Sydney Business School Sydney 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

See page 40 for more information on the courses offered at Sydney Business School







“

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 Sydney Business School, UOW was a great asset in my future - where I find myself as a global citizen.

University of Wollongong

International Postgraduate Guide

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

# Innovation Campus

**[innovationcampus.com.au](http://innovationcampus.com.au)**

The Wollongong Innovation Campus (iC) is a research, business and technology facility that aims to secure world-class collaborations.

The campus is located in North Wollongong, only five minutes from both the UOW Wollongong campus and the main city area, and is serviced by free public transport.

A number of UOW's internationally recognised research centres are based at the Innovation Campus, working in a range of fields:

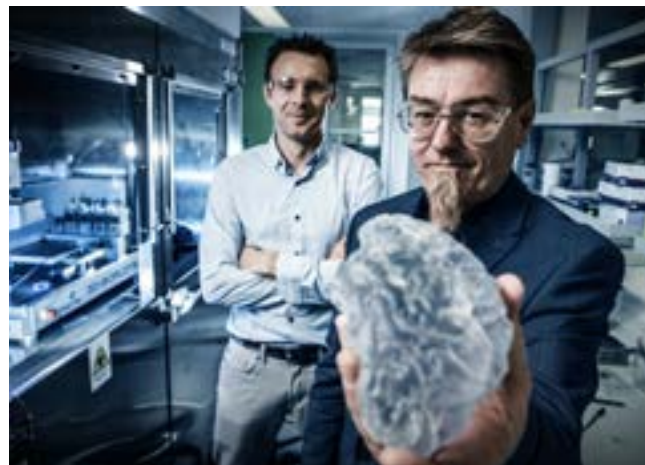
- innovative materials
- business leadership
- sustainable building design
- public health initiatives
- efficient energy storage
- international maritime law
- digital media

iC also has strengths in many industry sectors, including the emerging sectors of ICT, Sustainability, Future Materials, Nanotechnologies, Superconducting, and Health and Pharmaceuticals.

All of UOW Sydney Business School's research degrees are offered at iC.







# UOW in Dubai

**[uowdubai.ac.ae](http://uowdubai.ac.ae)**

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. UOWD is located in Knowledge Village, an educational precinct a short distance from the heart of Dubai city.

At UOWD, you will receive a Western education and benefit from the considerable resources and trusted name of the University of Wollongong. Today, as an independent UAE institution of higher education, UOWD attracts students from around the world. Over 4,000 students, comprising more than 90 nationalities, enjoy the quality academic experience that is UOWD.



# Careers, employment & internships

## Work-Integrated Learning

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

At UOW we measure success in many ways—including the satisfaction and success of our students. Before you start with us, our admissions team will guide you to choose the right degree. While you're here, our student support programs will make sure your academic performance is the best it can be. And when you leave us, you'll be ready to start the career you want with the help of our professional careers service.

### LEARN ON THE JOB

At UOW, we've integrated practical lessons or contemporary case studies into many of our degrees. You'll get to put your classroom knowledge to the test—and then learn from your experiences with the support of your UOW teachers.

### GLOBAL WORKPLACE PRACTICE (GWP800)

[uow.edu.au/careers/wlp/gwp800](http://uow.edu.au/careers/wlp/gwp800)

### MASTERS AND PHD INTEGRATED STUDENTS (WOLLONGONG CAMPUS)

Global Workplace Practice (GWP800) is available to students completing a minimum two-year postgraduate study program at UOW and is designed to meet the employment aspirations of international students to work in Australia.

- Identify requirements of employers to improve prospects of successful recruitment.
- Use career management tools.
- Develop business communication skills needed to work in a team environment.
- Apply intercultural skills required to operate in the Australian workplace.
- Apply discipline-specific knowledge in a practical workplace setting via work placement or industry-based project.

Students in a 12 or 16-subject Masters in the Faculty of Business may alternatively apply to take Global Workplace Practice GWP900.



## GLOBAL WORKPLACE PRACTICE (GWP100)

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

### DOCTORATE STUDENTS (WOLLONGONG CAMPUS)

GWP100 (HDR) is a subject (with no credit points attached) designed to provide Higher Degree Research students with tailored career management and job seeking strategies.

It will cover career pathways for Doctorate students both in academic and business contexts, and will also help you understand the Australian labour market, recruitment processes and cultural expectations in the workplace. The subject does not contain a work placement component.

### SYDNEY CAMPUS STUDENTS

GWP100 (Sydney Business School) is a subject offered every trimester at the Sydney campus, and aims to equip students with essential job search skills and career management strategies to succeed in Australian and international workplaces.

Find out how to search and apply for jobs within your discipline, write a great resume and learn the best strategies to impress your potential employer in an interview. After successfully completing GWP100, you'll have a better understanding of Australian workplace culture, how to look for work and be successful in your workplace. The subject does not offer a work placement component.

## GLOBAL WORKPLACE PRACTICE (GWP900)

[uow.edu.au/careers/wlp/gwp900](http://uow.edu.au/careers/wlp/gwp900)

Global Workplace Practice (GWP 900) is a subject designed to assist Sydney Business School students access the Australian workforce through work experience or an industry-based project, enabling the application of discipline-specific knowledge to practical workplace settings.

## PROFESSIONAL PRACTICE SUBJECT (ENCG942)

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

## 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:

### UOWX

[uow.edu.au/student/life/uowx](http://uow.edu.au/student/life/uowx)

UOWx is about exploring new ideas; gaining experience; expanding your skills; and extending yourself outside of your coursework. UOWx provides opportunities to participate in a range of programs—from community volunteering to mentoring others to achieve their best.

### UNICREW

[unicentre.uow.edu.au/unilife/unicrew](http://unicentre.uow.edu.au/unilife/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.

# Top 1% for graduates

### AS RATED BY GLOBAL EMPLOYERS

For the ninth year in a row UOW is ranked in the top 1% of universities in the world in the QS World University Rankings Graduate Employers survey (QS World University Rankings 2015/2016).

“

During my time at UOW I was involved in a number of extra-curricular programs, including hosting a National Student Leadership Conference. Having an interest in C++ coding, I was also given an opportunity to attend an Apple Developer Conference. Now I work as a Technical Creative Specialist for Google, and have worked in both Sydney and London. I believe my time at UOW helped me on my career path.

University of Wollongong



International Undergraduate Guide

### Susan Zhang

CHINA

Bachelor of Computer Science (Software Engineering)

Master of Information and Communication Technology (Enterprise Networking)

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“

UOW feels like a home away from home. Everyone on campus is so friendly and helpful. It made my transition to studying in a different country much easier. Studying at UOW means studying at a world-class university. The facilities are fantastic, and the support services have helped me very much. I earned myself a job at the University, and I've got Careers Central to thank for it after they helped me develop my CV and cover letter. Studying at Wollongong has been a life changing experience for me. I've become more independent, confident and knowledgeable, and I feel ready to take the next step in my career.

# Employment skills training

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

## CAREERS COUNSELLING

[uow.edu.au/careers/info/counselling](http://uow.edu.au/careers/info/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 a career direction, and the things you can do to increase your employability, including appropriate UOW Careers programs.

## SPECIALISTS IN YOUR AREA

UOW employs career consultants in every faculty. These consultants give you personal careers guidance tailored to your area of specialisation, and help build relationships with potential internship providers in the business world. They also arrange guest lectures from industry experts who can give you insights into a sector, or help you start building a professional network.

## CAREERS CENTRAL WORKSHOPS

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

Careers Central offers a variety of short programs to help you prepare yourself for the challenges in obtaining a graduate position at the end of your degree. These one-hour seminars and workshops help you refine specific employment skills.

Workshops have included:

- Resume Writing 101
- Where are the Jobs? The Hidden Job Market
- From Interview to Offer: Learn the Secrets of Successful Interviewing
- The Ins and Outs of Graduate Programs & Summer Internships
- An Insider's Guide into Assessment Centres
- The 'How to' Guide on Answering Selection Criteria
- Are you LinkedIn?

**Nirmala Sharma**

NEPAL

Master of Health Leadership  
Management



# Jobseeker resources

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

## CAREERHUB

An international student visa allows you to work 40 hours per fortnight (2 weeks) during university session and full-time during session breaks. UOW Careerhub is an online tool that will help you find and apply for jobs during your time here (and after you graduate!).

- Search for jobs, including graduate, vacation, part-time and casual, and work experience opportunities
- Register for workshops, employer presentations, career readiness conferences and exhibitions
- 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

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

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 several expos every year: some are general events for many different industries, and some are specific, such as the Nursing Careers Expo.

## THE EDGE

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

An annual publication that deals with all aspects of finding work (paid and unpaid), including writing job applications and attending job interviews. Find resources including:

- Sample application cover letters
- Interview preparation checklists
- Resume writing guides

## FOCUS 2

[uow.edu.au/careers/focus2](http://uow.edu.au/careers/focus2)

Focus 2 is an online self-assessment tool that will help you explore your career options. It covers key career development areas:

- Career Readiness
- Career Exploration
- Career Action Planner
- Career Planning and Decision Making

## JOBS ON CAMPUS

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

Jobs on Campus offer casual jobs across UOW, connecting students with employers who are looking to hire staff.

“

My passion for engineering started in my childhood when I was fascinated to see how things work and interact in day-to-day life.

UOW has structured its engineering course in a way that it gives students maximum exposure to real world situations while under the expert supervision of highly qualified professors. This exposure helped me get an internship and successfully execute my first industrial project in Australia in a very different techno-cultural environment.

Starting education in a foreign land and getting to take a summer internship at Bluescope Steel, one of the biggest and most diverse companies in Australia has definitely been a highlight for me. It could have never been possible without the advice and help from the UOW Career Central team.

This was immediately followed by a company offering me a job while I am still studying which gives me confidence that I am going on the right track, and learning and achieving what I aimed for.



**Jitesh Sharma**

India  
Master of Engineering  
(Electrical Engineering)



# Services & support

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

Our size means that we are a truly student-centred campus with individual attention, 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.

### IT SERVICES ON CAMPUS

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

### LEARNING DEVELOPMENT CENTRE

[uow.edu.au/student/services/ld](http://uow.edu.au/student/services/ld)

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.

### LIBRARY

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

Our award-winning library and dedicated library staff are here to support you during your study at UOW. 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.

### PROFESSIONAL TRAINING FOR PHD STUDENTS

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

A range of training is available, including professional development courses, a Graduate Certificate program in tertiary teaching, HDR writing courses, seminars and workshops.

### RESEARCH STUDENT CENTRE

Manages postgraduate research enrolments, scholarships and funding, as well as orientation, workshops and information sessions for research students.

### STATISTICAL CONSULTING SERVICE

This free service provides advice on investigation planning, data analysis and appropriate methods of presenting results and conclusions.

### STUDENT CENTRAL

[uow.edu.au/student/central](http://uow.edu.au/student/central)

A one-stop-shop for all assistance for enrolled students, including enrolment matters, official documents (including transcripts), exams and results, and student fee matters.

### STUDENT COMPUTER RESOURCE CENTRE

[uow.edu.au/its/studentlabs](http://uow.edu.au/its/studentlabs)

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.





## Personal services

### CHILDCARE SERVICES

UOW offers on-campus childcare services for children aged 0–6 years, as well as before and after-school care for children. Applications for childcare must be made prior to your arrival in Wollongong, as there are long waiting lists for placements.

### HEALTH, MEDICAL AND COUNSELLING

A range of health services are located on campus, including a doctor, optometrist and dentist. UOW also offers a free, confidential counselling service to all students.

### 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.

### STUDENT SUPPORT ADVISERS

These free and confidential advisers provide support and referral services. They provide programs supporting student equity and diversity both within faculties and across campus. They assist with 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.

### STUDENT OMBUDSMAN

The Student Ombudsman oversees the welfare of all students and advocates on their behalf, including problems with admission, enrolment, assessment, progression and transferring courses.

### THE SAFEZONE

All students 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.

### UOW SECURITY SERVICE

The Security Service helps provide a safe and secure campus environment with trained and licensed security officers providing emergency response, first aid, after-dark escorts and patrols, operating 24 hours a day, 7 days a week.

### UOW WELLBEING

[uow.edu.au/student/wellbeing](http://uow.edu.au/student/wellbeing)

UOW Wellbeing is here to help you maintain a healthy, happy life balance and keep on track.

### WOLLONGONG UNIVERSITY POSTGRADUATE ASSOCIATION (WUPA)

WUPA offers facilities and services such as the Postgraduate Resource Centre, which contains study facilities for postgraduate students. It also provides an advocacy and outreach service to assist you during your studies, plus a range of social activities and events.

“

I decided to pursue a Masters in Public Health Advanced at UOW because I have a passion for working with people in a community setting. Disease prevention, health promotion, global health, maternal health and child health are areas of great interest to me.

My studies will help advance my career by enabling me to be part of policy making decisions that will aim at promoting preventive measures so as to curb the many health issues the population is going through. Through my epidemiological studies, I would like to work with organisations that aim at disease prevention and control. I would also be advantaged to work with organisations that focus on women and children's health.

The best part of the course so far is that I have gained so much knowledge on the areas of interest to me, including indigenous health issues, and realise that public health issues affect both developing and developed countries in different dimensions.



**Petronilla Wangia**  
KENYA  
Master in Public Health Advanced

# Study options & scholarships

---

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 1 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 100 universities in the world – 2015/16 QS World University Rankings Graduate Employers survey.





# 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.edu.au/future/international/apply/scholarships](http://uow.edu.au/future/international/apply/scholarships)

## Coursework

### SYDNEY BUSINESS SCHOOL SCHOLARSHIPS

There are five (5) partial tuition scholarships available for students commencing their first course at UOW's Sydney Business School in each of the three (3) trimesters.

The scholarship offers a 25% reduction of the tuition fee for the standard duration of the course.

For details, and the application form, go to: [business.uow.edu.au/sydney-bschool/future/scholarships/UOW100704](http://business.uow.edu.au/sydney-bschool/future/scholarships/UOW100704)

### 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 students. The 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 International Postgraduate Research Scholarships (IPRS), University Postgraduate Awards (UPA) and 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 Vietnamese Government.

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/rsc/prospective/UOW](http://uow.edu.au/research/rsc/prospective/UOW)

“

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 38 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** 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, go to **coursefinder.uow.edu.au**, search for your course and go to 'course structure'.

## 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	<b>go.uow.edu.au/mba-adv</b>	
The normal minimum full-time duration of this degree	CRICOS 048696M	The CRICOS code for this degree
	DURATION 2 years (96 cp)	
	STARTS Trimester 1 (February) Trimester 2 (May) Trimester 3 (August)	UOW postgraduate degrees can start in Autumn Session (February), Spring Session (July) or Trimesters 1, 2 or 3 (February, May or August). See page 77 for key dates.
The campus where the course is offered and delivered	LOCATION Wollongong and Sydney	
	ENTRY REQUIREMENTS	Any special entry requirements for the degree.
	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>	
English language requirement for IELTS. Equivalent scores for TOEFL and Pearson PTE can be found on page 76.	IELTS Overall 6.5 (R:6, W:6, L:6, S:6)	

### 3. Important terms used in the 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, and 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 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, 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



**SYDNEY  
BUSINESS  
SCHOOL**

UNIVERSITY  
OF WOLLONGONG

## LOCATIONS

Sydney Business School is the graduate school of the Faculty of Business. Students have the flexibility to study in Sydney CBD or Wollongong.

The QS World University Rankings by subject (2016) rated UOW:

**TOP 150:** Accounting and Finance

**TOP 200:** Business and Management

**TOP 300:** Economics and Econometrics

## BUSINESS SCHOOL TOP 30 IN THE REGION

The UOW Sydney Business School was ranked 22nd in the entire Asia-Pacific region in the QS Global 200 Business Schools Report 2014/15.

## Master of Business Administration

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

CRICOS

013031G

DURATION

1.5 Years (1 year fast-track option)\* (72cp)

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<sup>^</sup>. 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).

<sup>^</sup> The Statement of Motivation should be no more than one page, written in English, and 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 strategic managerial and leadership skills, gaining the holistic business point-of-view required to operate effectively in an increasingly competitive and evolving global business environment.

The course gives you the confidence to address business challenges by critically analysing business situations and applying relevant management techniques to make well-reasoned, responsible, and evidence-based business decisions.

Your learning approach will include real-world case studies, experiential learning including planning and executing an integrated and live business project towards the end of the course, and teamwork, with an emphasis on peer learning.

## Course Structure

The MBA comprises 12 subjects including 1 elective subject. MBA core subjects:

- Accounting for Managers
- Business Analytics
- Business Research Project (MBA)
- Corporate Governance
- Economics for Modern Business
- Financial Strategy
- International Business Strategy
- Leading in Contemporary Organisations
- Managerial Concepts and Skills
- Marketing for Strategic Decisions
- Strategic Decision-Making

Plus one elective from an approved list.

## Master of Business Administration Advanced

[go.uow.edu.au/mba-adv](http://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<sup>^</sup>. Other tertiary qualifications combined with extensive professional work experience will be considered. Overall 6.5 (R:6, W:6, L:6, S:6)

IELTS

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

<sup>^</sup> The Statement of Motivation should be no more than one page, written in English, and 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 offers students the opportunity to specialise further in their area of interest by completing four additional subjects from a specialisation of their choice.

## Course Structure

In addition to the Master of Business Administration (MBA) subjects, students will complete 4 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

\*Subject to final approval.

## Master of Business

[go.uow.edu.au/mbus-single](http://go.uow.edu.au/mbus-single)

CRICOS	082826A
DURATION	1.5 Years (1 Year with Fast-Track Option)* (72cp)
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	Students who hold a Bachelor degree in a Business or Commerce 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).

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

This degree is for middle managers, those aspiring to become middle managers or managers who wish to develop expertise in a particular field. The specialisation options will enable students to develop and demonstrate technical knowledge and skills in these areas as well as general business knowledge gained through the foundation subjects; as well as research skills gained through the research subjects.

## Course Structure

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

Students may enrol in a double specialisation by selecting any 2 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

### FINANCIAL MANAGEMENT

[go.uow.edu.au/mbus-finmgmt](http://go.uow.edu.au/mbus-finmgmt)

Compulsory subjects:

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

Plus two electives from an approved list.

### HUMAN RESOURCE MANAGEMENT

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

Compulsory subjects:

- Human Resource Development
- Job Analysis, Recruitment and Selection
- Management of Workplace Health and Safety
- Performance Management
- Strategic Human Resource Management

Plus two electives from an approved list.

### INTERNATIONAL BUSINESS

[go.uow.edu.au/mbus-intlbus](http://go.uow.edu.au/mbus-intlbus)

Compulsory subjects:

- Cross Cultural Management
- International Business Environment
- International Business Strategies
- International Marketing Strategy
- Multinational Financial Management

Plus two electives from an approved list.

### MANAGEMENT

[go.uow.edu.au/mbus-mgmt](http://go.uow.edu.au/mbus-mgmt)

Compulsory subjects:

- Cross Cultural Management
- Management of Change
- Organisational Analysis
- Project Management
- Strategic Management

Plus two electives from an approved list.

### MARKETING

[go.uow.edu.au/mbus-mark](http://go.uow.edu.au/mbus-mark)

Compulsory subjects:

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

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. Recognition by the Australian Human Resources Institute for the Master of Business (Human Resource Management) is pending.

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

## Master of Business (Double Specialisation)

[go.uow.edu.au/mbus-double](http://go.uow.edu.au/mbus-double)

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	Students who hold a Bachelor degree in a Business or Commerce related area 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, and Management are offered at the Sydney Campus.

This degree is for those aspiring to become middle managers or managers who wish to broaden their experiences and opportunities. The specialisation options will enable students to develop and demonstrate technical knowledge and skills in these areas as well as general business knowledge gained through the foundation subjects; as well as research skills gained through the research subjects.

The Master of Business double specialisation is a 2-year course that allows students to select two specialisations in the Master of Business. Under this option, students will complete a total of 16 subjects. In addition to the 4 foundation subjects from the Master of Business, students will study 10 specialisation subjects (comprising the 5 core subjects for each of the 2 specialisations chosen), 1 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)* (72cp)
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	Students who have an offer for this course and hold a Bachelor degree in Finance 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 is for students interested in acquiring 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.

Students 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 4 core subjects, 6 compulsory subjects from the chosen specialisation, plus 2 electives from an approved list.

Core subjects:

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

#### INVESTING

[go.uow.edu.au/mappfin-invest](http://go.uow.edu.au/mappfin-invest)

Compulsory subjects:

- Corporate Governance
- Enterprise Risk Management
- Derivatives
- Portfolio Management
- Portfolio Simulation
- Research in Financial Markets and Institutions

Plus two electives from an approved list.

#### FINANCIAL SERVICES

[go.uow.edu.au/mappfin-finserv](http://go.uow.edu.au/mappfin-finserv)

Compulsory subjects:

- Banking Theory and Practice
- Bank Lending and Securities
- Corporate Governance
- Enterprise Risk Management
- International Banking
- Research in Financial Markets and Institutions

Plus two electives from an approved list.

#### CORPORATE TREASURY

[go.uow.edu.au/mappfin-cortreas](http://go.uow.edu.au/mappfin-cortreas)

Compulsory subjects:

- Financial Strategy
- Banking Theory and Practice
- Corporate Governance
- Enterprise Risk Management
- Multinational Financial Management
- Research in Financial Markets and Institutions

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](http://business.uow.edu.au/accreditation)

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

[go.uow.edu.au/mapfin-ict](http://go.uow.edu.au/mapfin-ict)

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	Students who have an offer for this course and hold a Bachelor degree in Finance 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 students 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.

Master of Applied Finance (Investing and Corporate Treasury) students undertake a total of 16 subjects. In addition to the Master of Applied Finance 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

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

CRICOS	087681F
DURATION	1.5 Years (72cp)
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.
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, and therefore the learning experience and knowledge areas 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.

Students can undertake a two-year option by completing the MPA Advanced—see below for details.

## Course Structure

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

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.
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 4 subjects within the International Business or Financial Management specialisation outlined below.

### FINANCIAL MANAGEMENT

- Financial Statement Analysis for Business

Plus 3 subjects from an approved list of Finance subjects

### INTERNATIONAL BUSINESS

- Intercultural Professional Practice or Cross Cultural Management
- Job Analysis Recruitment

Plus 2 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 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)* (72cp)
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/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\*

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. Students 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

\*Subject to final approval.

### 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, and 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 8 core subjects and 4 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)\*

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	Students 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 2-year course that allows students to undertake two specialisations in Supply Chain Management and Project Management. This course requires students to complete a total of 16 subjects. In addition to the core subjects from the Master of Science, students study all 8 subjects from both specialisations.

\* Subject to final approval

### PATHWAYS TO MASTERS COURSES IN BUSINESS

## Graduate Certificate in Business

<a href="http://go.uow.edu.au/gcert-bus">go.uow.edu.au/gcert-bus</a>	
CRICOS	061244G
DURATION	3 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 their career promotion by upskilling their knowledge of marketing, accounting and finance, organisational behaviour and management, global business challenges and perspectives, and also wanting to improve their insight on the application of theory and practice in business.

## Course Structure

Students 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.

\*Subject to final approval.

## PROGRESSION TO MASTERS COURSES

Upon successful completion of the Graduate Certificate in Business, students may enrol in a Master's program offered by Sydney Business School. Students will be granted credit for four subjects in the following degrees:

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

Progression to other Masters programs offered by the Sydney Business School, 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	3 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)

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 Master's degree.

Students are required to complete a total of four subjects:

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

## Graduate Certificate in Applied Finance

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

CRICOS	087683D
DURATION	3 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)

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 Master's degree.

Students are required to complete a total of four subjects:

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



## 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 which may be granted as advanced standing into the second course, and the minimum/maximum duration to complete both.

\*Applicants must have at least two years' relevant professional experience if articulating into the MBA from another Master's 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)		
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 skillsets; will critically analyse the theories of intercultural competence, as well as 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

The QS World University Rankings by subject (2016) rated UOW:  
**TOP 150:** Education and Training

## Master of Education

go.uow.edu.au/med	
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 three 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 the following 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 related to your specialisation
- Research methodology and a project or professional development
- A selection of subjects in your specialisation
- 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. Students normally will take five subjects from the options provided.

### 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 or community education providers, TAFE and private colleges will benefit from studying this degree.

Subjects include:

- 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
- Innovation for Practitioners in Adult, Vocational and Higher Education\*
- Learning About Learning 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:

- Foundations of Educational Leadership\*
- Introduction to Educational Management\*
- Law for Educational Leaders
- Leadership in Curriculum
- 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:

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

\*Required subjects for this specialisation.

## INFORMATION AND COMMUNICATION TECHNOLOGY IN EDUCATION AND TRAINING

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:

- Emerging Issues in Educational Technology
- Evaluation of Technology-Based Learning
- Instructional Strategies and Design
- Introduction to Technology in Education\*
- Multimedia and Interface 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 to 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. Students select five subjects from any of the 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:

- 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

## 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:

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

\*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)

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

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

### Master of Education (TESOL)

[go.uow.edu.au/med-tesol](http://go.uow.edu.au/med-tesol)

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

### Graduate Diploma in TESOL

[go.uow.edu.au/gdip-tesol](http://go.uow.edu.au/gdip-tesol)

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

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

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 Master's 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 a 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\*
- Methodology in Second Language Teaching
- Pedagogical Grammar\*
- Professional Experience in TESOL
- Teaching English in International Contexts
- Assessing and Evaluating in TESOL Environments
- Engaging Contexts of ESL Education
- English in Specific Contexts
- English Pronunciation and Prosody
- Materials and Technology in Second Language Teaching
- Methodology in Second Language Teaching\*
- Oral Communication and Pedagogy
- Pedagogical Grammar
- Professional Experience in TESOL\*
- Second Language Literacy
- Teaching English in International Contexts\*
- Text and Context

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

Students in the Master of Education Advanced program can broaden their qualifications by including four subjects in sub-specialisation, such as:

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

or

- 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 an 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 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

[go.uow.edu.au/gdip-advoc](http://go.uow.edu.au/gdip-advoc)

CRICOS	083555M
DURATION	1 year (48 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised three-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

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

CRICOS	083964E
DURATION	6 months (24 cp)
STARTS	January Intake
ENTRY REQUIREMENTS	Recognised three-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

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

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.

## Course Structure

- Innovation for Practitioners in Adult, Vocational and Higher Education
- Learning about Learning in Adult, Vocational and Higher Education
- One x Information and Communication in Education and Training subject

Plus either:

- Curriculum Design and Evaluation; or
- The Global Challenge in Adult, Vocational and Higher 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)

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

CRICOS	080833G
DURATION	2 years (96 cp)
STARTS	Autumn (February)
ENTRY REQUIREMENTS	Completed recognised Bachelor degree with an approved level of subjects relevant to Primary Education. For detailed information see <a href="http://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)

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

CRICOS	080834F
DURATION	2 years (96 cp)
STARTS	Autumn (February)
ENTRY REQUIREMENTS	Completed recognised Bachelor degree with an approved level of subjects relevant to Secondary Education. For detailed information see <a href="http://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, Modern Languages (including French), Mathematics, Science, Visual Art, Music, Health and Physical Education, Society and Culture, TESOL.

### Professional Recognition

The Master of Teaching (Primary) and Master of Teaching (Secondary) are accredited with the Board of Studies Teaching and Educational Standards (BOSTES) as professional teaching qualifications in NSW and across Australia. Students seeking work outside NSW, or internationally, or with some private schools (such as Catholic schools) are advised to check with potential employers for local requirements.

#### 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](http://www.kidsguardian.nsw.gov.au/check)

# Engineering



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

The QS World University Rankings by subject (2016) rated UOW:

**TOP 100:** Mineral & Mining Engineering

**TOP 150:** Civil and Structural Engineering, Materials Science

**TOP 200:** Mechanical Engineering

**TOP 250:** Electrical & Electronic Engineering

## 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 6.0 (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
- 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](http://go.uow.edu.au/meng-civil)

- Advanced Computer Applications
- Advanced Design of Masonry Structures
- Advanced Foundation Engineering
- Advanced Soil Mechanics
- Construction Management
- Highway Materials
- Structural Design Based on Australian Standards

### ENVIRONMENTAL ENGINEERING

[go.uow.edu.au/meng-enviro](http://go.uow.edu.au/meng-enviro)

- Air and Noise Pollution Management
- 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](http://go.uow.edu.au/meng-mining)

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

### 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-assetmgmt](http://go.uow.edu.au/meng-assetmgmt)

- 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](http://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

Additional electives chosen from Materials or Engineering subjects.

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

- Corrosion Wear and Fatigue
- Engineering Alloys
- 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](http://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](http://go.uow.edu.au/meng-mechat)

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

Additional electives chosen from the Mechanical and Electrical Engineering specialisations.

**SPECIALISATIONS IN COMPUTER, ELECTRICAL & TELECOMMUNICATIONS ENGINEERING**

Core subjects:

- Advanced Laboratory
- Advanced Project
- Advanced Signals and Systems
- Communications and ICT Workplace Practice
- Engineering Design and Management
- Engineering Research Methods

**ELECTRICAL ENGINEERING**[go.uow.edu.au/meng-elect](http://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](http://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](http://go.uow.edu.au/meng-telecomm)

- Advanced Signals and Systems
- Identification and Optimal Control
- 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
- Computer Controlled Systems
- Control Theory
- Data Communications
- Digital Signal Processing
- Embedded Systems
- Foundations in Electrical Energy Utilisation
- Intelligent Control
- Microcontroller Architecture and Applications
- Multimedia Signal Processing
- Operations Research
- Power Electronics and Drives
- Power Engineering 2
- Power System Analysis
- Queuing Theory and Optimization
- Robotics and Flexible Automation
- Wireless Communication Systems

**Professional Recognition**

The following specialisations are seeking provisional accreditation with Engineers Australia: Civil, Computer, Electrical, Environmental, Materials, Mechanical, Mechatronic, Mining and Telecommunications Engineering.

## 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 6.0 (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.

#### 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.

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.

## 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 6.0 (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 five years' relevant industry experience and who are nominated by their employer may be considered for the Graduate Certificate in Rolling Stock Engineering.
IELTS	Overall 6.0 (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

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The QS World University Rankings by subject (2016) rated UOW:  
**TOP 400:** Medicine

## Doctor of Medicine

[go.uow.edu.au/doc-med](http://go.uow.edu.au/doc-med)

CRICOS	089196C
DURATION	4 years (full-time study)
STARTS	January
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 prior to January 2015: overall score 24 and 8 in each section. 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 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 GSM 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 Graduate 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

The Graduate School of Medicine 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.

## Master of Clinical Exercise Physiology

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

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 6-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

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

CRICOS	083834D
DURATION	1.5 years (72 cp)
STARTS	Autumn (February), Spring (July)
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

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

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. The degree must incorporate at least 50% bioscience, including subjects such as biology, chemistry, physiology and biochemistry in the first two years of study. There must be a minimum of 15% of a full-time year load each of biochemistry and physiology at second year level or higher (typically two subjects of each including laboratory practicals). Metabolic biochemistry and systems physiology are essential. In addition, nutrition science subjects (equivalent to at least 50% of a full-time year load) must be completed across the degree (typically four subjects across the degree). Applicants must also provide two referee reports, a Supplementary Information form and a personal statement. Applications must be received by 30 September.
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 and evidence based practice and 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

- Communication in Health Care Practice
- Community and Public Health Nutrition
- Dietetics 1 & 2
- Food Service and Dietetics Management
- Nutrients and Metabolism

### YEAR 2

- 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) and Accredited Nutritionist (AN).

## Master of Nursing

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

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 x 6 credit point electives from Nursing 900-level subjects

## Master of Nursing International

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

CRICOS	089204G
DURATION	2 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 International is a two-year degree that is designed to prepare nurses for professional roles in 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 practise.

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 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 (12cp).

## Graduate Certificate in Nursing

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

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

[go.uow.edu.au/gdip-menthlthnurs](http://go.uow.edu.au/gdip-menthlthnurs)

CRICOS	083843C
DURATION	1 year
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree in Nursing, or qualifications to practice 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, namely: 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)

[go.uow.edu.au/mnurs-menthlth](http://go.uow.edu.au/mnurs-menthlth)

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)

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

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 x 6 credit point electives from Nursing subjects

## Master of Science (Gerontology & Rehabilitation Studies)

go.uow.edu.au/msci-grs	
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

go.uow.edu.au/gcert-indhlth	
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 Indigenous communities, and highlights both historical and contemporary Indigenous health problems.

Students will study the following subjects which are available by flexible or distance delivery:

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

## Master of Indigenous Health

go.uow.edu.au/mindhlt	
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 clinical and 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 ENTRY REQUIREMENT FOR SELECTED COURSES IN HEALTH AND MEDICINE**

The NSW Health Department requires all students undertaking courses with 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 Service 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.

Once enrolled, nursing students will be required to determine their immunity status for a number of infectious diseases. Students may need to undertake a course of vaccinations.



# Information and Communication Technology

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The QS World University Rankings by subject (2016) rated UOW:

**TOP 250:** Computer Science & Information Systems

## 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 6.0 (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

### YEAR 1

Four foundation subjects (24 cp):

- Advanced Programming
- Algorithms and Data Structures
- Database Systems OR Systems Security OR Human Computer Interaction
- IT Project Management

Core subjects (24 cp):

- Contemporary Topics in Computer Science
- Research Methods

Plus two electives from the Computer Science Graduate Subjects List.

### YEAR 2

- Project or Professional Project (12 cp)\*
- Three subjects (18 cp) from one of the specialisations listed below to graduate with a specialisation.
- Plus a further three electives (18 cp) from any of the subjects listed below, and approved by the Course Coordinator.

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

## Specialisations

### INTELLIGENT SYSTEMS

[go.uow.edu.au/mcompsci-intelsyst](http://go.uow.edu.au/mcompsci-intelsyst)

- Computational Intelligence
- Perception and Planning
- Reasoning and Learning
- Formal Methods in Software Engineering
- Data Mining and Knowledge Discovery

### MULTIMEDIA AND VISUAL PROCESSING

[go.uow.edu.au/mcompsci-multimedia](http://go.uow.edu.au/mcompsci-multimedia)

- Computer Vision
- Multimedia Content Management
- Pattern Recognition

### NETWORK AND INFORMATION SECURITY

[go.uow.edu.au/mcompsci-network](http://go.uow.edu.au/mcompsci-network)

- Advanced Computer Security
- Advanced Network Security
- Mathematics for Cryptography

### SOFTWARE ENGINEERING

[go.uow.edu.au/mcompsci-software](http://go.uow.edu.au/mcompsci-software)

- Service-Oriented Software Engineering
- Software Requirements and Specifications and Formal Methods
- Software Testing and Analysis

## Professional Recognition

This degree is seeking accreditation with the Australian Computer Society (ACS) as meeting the requirements for membership at the Professional level. ACS has global reciprocal agreements, recognising your degree internationally.

# Master of Information and Communication Technology Advanced

go.uow.edu.au/mict-adv	
CRICOS	067074F
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree specialising in information systems, information technology, computer science or related area, with an equivalent average mark of 60%.
IELTS	Overall 6.0 (R:6, W:6, L:6, S:6)

The Master of Information and Communication Technology Advanced covers the deployment, maintenance, management and organisation of Information Technology (IT) in business. Graduates will deepen their understanding and experience in technology analysis and deployment, develop skills in the economic, regulatory and socio-technical issues that arise in the implementation and application of IT, and how to effectively manage these issues.

With the widespread deployment of technology in all businesses, IT graduates need to be trained in marketing, business intelligence, corporate government, and change management. This degree allows graduates to train in all aspects of current business operations, and round out their Master with an individual capstone project.

## Course Structure

Core subjects (36 cp):

- Enterprise Architecture Design
- Information Systems and Strategies
- Professional Practice and Research Project
- Project and Change Management
- Systems Integration

Plus one of the following options:

- Single specialisation of four subjects (24 cp) from the options below plus six electives (36 cp); or
- Two specialised studies of four subjects in each listed specialisation (2 x 24 cp) plus two electives (12 cp).

## Specialisations

### ICT STRATEGIC PLANNING

- Business Intelligence
- Information Design and Content Management
- IT Governance
- Organisational Issues and IT
- Strategic Network Design

### INFORMATION SYSTEMS DEVELOPMENT

- Information Design and Content Management
- Informations System Development
- eBusiness Technologies
- Web Services
- Service Oriented Architecture
- Formal Methods in Software Engineering
- Software Engineering Requirements and Specifications

### ENTERPRISE NETWORKING

- eBusiness Technologies
- IT Security and Risk Management
- IT-enabled Supply Chain Management
- Strategic Network Design
- Strategic Network Management
- Web Services and Service Oriented Architecture

### HEALTH INFORMATICS

- Business Intelligence
- Concepts and Issues in Healthcare Computing
- Information Design and Content Management
- Introduction to Health Informatics

# Professional Recognition

The Master of Information and Communication Technology Advanced is seeking accreditation with the Australian Computer Society (ACS) as meeting the requirements for membership at the Professional level.

# Master of Information Technology

go.uow.edu.au/mit	
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 6.0 (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):

- Programming Fundamentals
- System Analysis

and

- Database Management Systems
- Information Systems and Strategy

or

- Object Oriented Design and Programming
- Advanced Programming
- Professional Practice or Research Project

Plus either:

- A specialisation consisting of four subjects (24 cp) and six electives (36 cp) from the approved schedule of electives; or
- To graduate without a specialisation—10 electives (60 cp) from the approved schedule of electives.

## Specialisations

The following specialisations are available in the Master of Information Technology. A specialisation comprises four subjects chosen from the list below:

### IT STRATEGIC MANAGEMENT

Two of the following subjects:

- Business Intelligence
- IT Governance
- IT-enabled Supply Chain Management
- Organisational Issues and IT

Plus two from the following:

- Accounting for Managers
- International Business Strategy
- Digital Marketing
- Leading in Contemporary Organisations
- Managing People in Multinational Organisations
- Marketing for Strategic Decisions
- Quality in Management
- Statistics for Decision Making

### ENTERPRISE NETWORKING

- Corporate Network Management
- eBusiness Technologies
- IT Security and Risk Management
- Strategic Network Design
- Web Services and Service Oriented Architecture

## INFORMATION SYSTEMS DEVELOPMENT

- Web Programming I
- Web Programming II
- Enterprise Architecture Design
- Information Design and Content Management
- Systems Development Methodologies
- Systems Integration

## 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

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

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 6.0 (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. The degree enables graduates to take on leadership roles in public & private hospitals, and with health system vendors, telecommunications providers and pharmaceutical companies.

## Course Structure

Four core subjects (24 cp):

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

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:

- Database Management Systems
- System Analysis
- Programming Fundamentals
- 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 Competencies
- 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

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

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%. Applicants with a Bachelor Honours degree in information technology may apply for credit for 24 cp (1 session).
CREDIT	
IELTS	Overall 6.0 (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

Core subjects (48 cp):

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

At least two subjects (12 cp) from:

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

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

- Accounting for Managers
- Digital Marketing
- Managing in Multinational Companies
- Quality in Management
- Supply Chain Management



# International Studies

The QS World University Rankings by subject (2016) rated UOW:  
**TOP 200:** English Language and Literature Studies

## Master of International Studies

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

CRICOS	083827C
DURATION	1.5 years (72 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree with a specialisation or minor sequence in politics, history, global studies, sociology, law, economics or related social science discipline. Applicants with other qualifications with relevant professional experience may be considered.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of International Studies is an interdisciplinary postgraduate coursework degree grounded in theoretical and professional perspectives. It reflects the growing realisation that understanding and addressing complex global challenges requires an approach that goes beyond traditional academic disciplinary boundaries. The course seeks to explain, debate, critically analyse and apply key concepts and ideas in international studies to give its graduates a strong understanding of the dynamics of internationalisation, globalisation, development and social change.

The combination of knowledge from the higher level coursework subjects and training in research methods will give our graduates key skills to either advance their career or start a career in the public sector, in internationally focused private sectors, non-governmental organisations and, of course, in international organisations.

## Course Structure

The course comprises three core subjects, an advanced topic or thesis, and four–five electives.

Core subjects:

- Politics of International Relations
- Research Methods
- Social Change and Development

Plus either:

- Advanced Topics in International Studies, with four electives; or
- Thesis in International Studies, with five electives

Elective Schedule One:

- Comparative Public Policy
- Globalisation and Citizenship
- International Economic Relations
- International Law and Diplomacy
- Internship in International Studies
- Labour and Migration
- Transforming Asia: Trends, Issues and Problems

Elective Schedule Two (a maximum of three subjects can be taken from this list):

- Conflict, Peace and Security
- Global Technology and Cultural Transformation
- New Social Movements
- Politics in the USA

## Master of International Studies Advanced

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

CRICOS	086354G
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree with a major or minor sequence in politics, history, global studies, sociology, law, economics or a related social science discipline. Applicants with other qualifications with relevant professional experience may be considered.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Advanced degree incorporates an additional session of study. You will undertake a range of higher level coursework subjects as well as training in research methods and the completion of an individual research project or thesis.

# Law, Ocean Law and Policy

## Master of Fisheries Policy

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

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, monitoring, control and surveillance (MCS), fish trade and regulatory compliance. 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

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

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

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

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 (16cp)
- 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 allows articulation into 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-crimpros](http://go.uow.edu.au/mlaws-crimpros)



# Mathematics and Statistics

The QS World University Rankings by subject (2016) rated UOW:  
**TOP 400:** Mathematics

## Master of Financial Mathematics

[go.uow.edu.au/mfinmaths](http://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 6.0 (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 needed 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
- Investment Management or Portfolio Management or Portfolio Simulation
- Managerial Finance
- Multivariate and Vector Calculus
- Probability and Random Variables
- Research Methods

Plus one elective.

### 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.

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

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 6.0 (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](http://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 6.0 (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

## Master of Science (Medical Radiation Physics)

<a href="http://go.uow.edu.au/msci-mrphys">go.uow.edu.au/msci-mrphys</a>	
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 6.0 (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% 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 12 coursework subjects and an applied research project under the supervision of professional medical physicists.

- Coursework subjects include:
- Advanced Modern Physics
  - Introduction to Human Anatomy and Physiology 1
  - Differential Equations 2
  - Electromagnetism and Optoelectronics
  - Multivariate and Vector Calculus
  - Nuclear Physics
  - Radiation Physics
  - Radiation and Radiotherapy Physics
  - Quantum Mechanics
  - Medical Imaging and Nuclear Medicine
  - Radiobiology and Radiation Protection
  - Diagnostic Radiology
  - Radiotherapy
  - Radiobiology

### Professional Recognition

Accredited by the Australasian College of Physical Scientists and Engineers in Medicine (ACPSEM).

# Psychology

## Master of Psychology (Clinical)

<a href="http://go.uow.edu.au/mpsych-clin">go.uow.edu.au/mpsych-clin</a>	
CRICOS	027467J
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 <a href="http://psychology.org.au/membership/qualifications">psychology.org.au/membership/qualifications</a> ). 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.
IELTS	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

## 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 five Public Health core subjects (40 cp), one specialisation (24 cp) chosen from the three available options, plus one elective subject (8 cp).

Core Public Health comprising the following five (8 cp) subjects:

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

Plus choose one from the following three 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

Social Marketing for Health:

- Applying Theory and Research in Social Marketing
- Critical and Upstream Social Marketing
- Social Marketing Principles and Practice

Public Health Nutrition:

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

### 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 specialty 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

Students who obtain at least a 65% 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.

## 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.



## 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	083559G
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 the degrees 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, Risk Management. The Master of Work Health and Safety Advanced provides an intensive specialised professional program of study plus the opportunity to specialise in either Health Promotion or 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 (12 cp)

Occupational Hygiene Specialisation

- Occupational Hygiene
- Occupational Hygiene Workplace Project
- Research Methods (12 cp)

Risk Management

- Advanced WHS Risk Management
- Research Methods
- Workplace Project (12 cp)

Students in the Master of Work Health and Safety Advanced complete the core six WHS subjects (48 cp) and the six subjects (48 cp) listed in the following specialisations:

Health Promotion

Complete the following (48 cp) subjects:

- Contemporary Public Health Issues II (8 cp)
- Health Promotion II (8 cp)
- Health Promotion Competencies II (8 cp)
- Research Methods
- Ergonomics Essentials OR Occupational Hygiene
- Ergonomics Workplace Project OR Occupational Hygiene Workplace Project (12 cp)

WHS Research

Complete the following (48 cp) subjects:

- Ergonomics Essentials
- Occupational Hygiene
- Research Methods
- Social Determinants of Health I
- Major Project (24 cp)

## 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) and the British Occupational Hygiene Society (BOHS). This specialisation fulfils the educational requirements for full membership of the Australian Institute of Occupational Hygienists (AIOH). International accreditation is being sought from The Institute of Occupational Safety & Health (IOSH).

The QS World University Rankings by subject (2016) rated UOW:

**TOP 10 IN AUSTRALIA:** Chemistry

**TOP 100 WORLDWIDE:** Geography & Area Studies

## International Master of Science

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

CRICOS	083007F
DURATION	2 years (96 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree in a discipline relevant to the intended specialisation, with at least three third-year subjects in the discipline, with an equivalent average mark of 65%.
IELTS	Overall 6.0 (R:6, W:6, L:6, S:6)

## 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)

## Master of Science and Management

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

CRICOS	067083E
DURATION	2 years (96 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 focusses on core science skills and a specialisation. The International Masters program adds the study of global perspectives, the opportunity to undertake an overseas exchange and undertake research in an area of global scientific importance. The Master of Science and Management adds a core of business subjects suitable for those desiring to move into a managerial role in the science sector.

## Course Structure

### International Master of Science

- Core science subjects
- Specialisation
- Global Perspectives in Science
- International Research Project
- Exchange option – students are encouraged to complete a session of study at one of UOW's partner institutions

### Master of Science

- Core science subjects
- Specialisation

### Master of Science and Management

- Core science subjects
- Core management subjects
- Specialisation

#### 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

#### Core management subjects:

- Managing People in Organisations
- Project Management

Plus two electives from options including: international business, international financial management, managing in multi-national companies, accounting for managers, and marketing management.

## Specialisations

### BIOTECHNOLOGY

**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

**ENTRY REQUIREMENTS** A recognised Bachelor of Science degree in chemistry, including at least 24 cp (or equivalent) of third-year chemistry.

This course prepares students for the demands of postgraduate research programs (e.g. M. Phil and PhD) by further developing their individual research skills, while simultaneously exposing them 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

**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, and in particular, 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

**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

**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. 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 Spatial Science

[go.uow.edu.au/gradcert-spacsci](http://go.uow.edu.au/gradcert-spacsci)

**CRICOS** 084863B  
**DURATION** 6 months (24 cp)  
**STARTS** Autumn (February), Spring (July)

**ENTRY REQUIREMENTS** A recognised Bachelor degree of at least three 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 enables 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

## PATHWAYS TO MASTERS PROGRAMS IN SCIENCE

### International Graduate Diploma in Science

[go.uow.edu.au/intgdip-sci](http://go.uow.edu.au/intgdip-sci)

CRICOS	083005G
DURATION	1 year (48 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree in a discipline relevant to the intended specialisation with an equivalent average mark of 60%.
IELTS	Overall 6.0 (R:6, W:6, L:6, S:6)

### International Graduate Certificate in Science

[go.uow.edu.au/intgcert-sci](http://go.uow.edu.au/intgcert-sci)

CRICOS	083006G
DURATION	6 months (24 cp)
STARTS	Autumn (February), Spring (July)
ENTRY REQUIREMENTS	Recognised Bachelor degree in a discipline relevant to the intended specialisation with an equivalent average mark of 50%.
IELTS	Overall 6.0 (R:6, W:6, L:6, S:6)

The International Graduate Diploma and Graduate Certificate programs are fully nested within the International Master of Science degree. Students progress to each level, with credit for all subjects completed, subject to obtaining an average mark of 65% in each level.

### Course Structure

#### INTERNATIONAL GRADUATE CERTIFICATE IN SCIENCE

The course comprises three compulsory subjects:

- Fundamentals of Science Communication
- Fundamentals of Science Laboratories or the equivalent discipline-based subject
- Global Perspectives in Science

#### INTERNATIONAL GRADUATE DIPLOMA IN SCIENCE

Consists of the International Graduate Certificate subjects listed above plus:

- Current Questions in Science
- Fundamentals of Science Data

Plus 12 cp from one of the specialisations in Science.

### Graduate Certificate in Science

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

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.



# 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 allows 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.

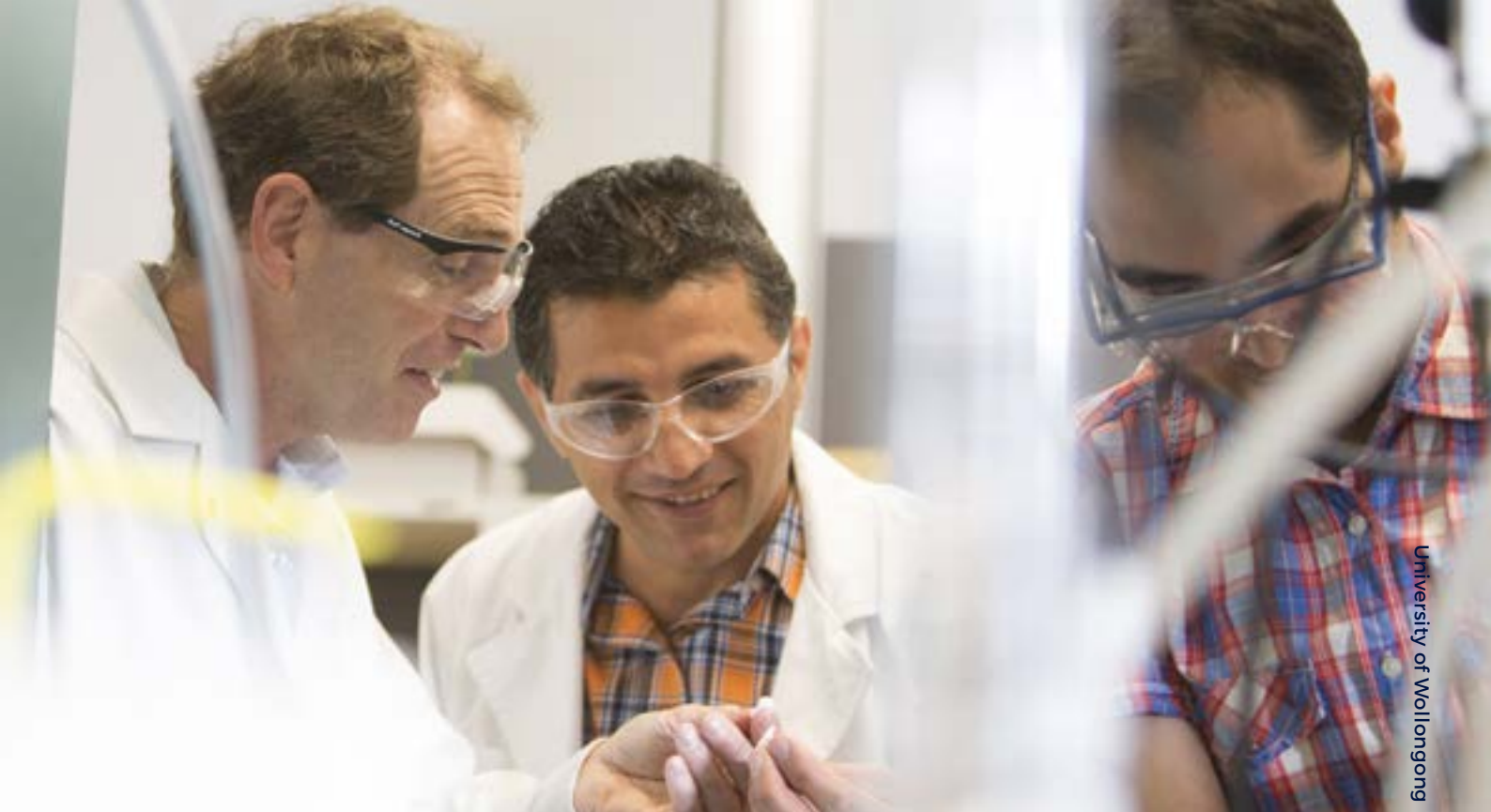
### MASTER OF PHILOSOPHY (2 YEARS)

The standard duration of the Master of Philosophy is two years, comprising two-thirds research (72 credit points) and one-third coursework (24 credit points). 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.

#### 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 72–73. 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.

For a guide on writing your research proposal, see [uow.edu.au/future/international/apply/how](http://uow.edu.au/future/international/apply/how)

### 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)

# UOW Research

This is an overview of the main research centres and institutes at UOW, and the research courses available within each of UOW's five faculties.

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.

This information is not meant to be comprehensive—you should visit the faculty research pages indicated to begin the process of discovering the depth of research and specific program options available.

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.

## FACULTY OF BUSINESS

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

### RESEARCH

- Australian Health Services Research Institute
- Centre for Human & Social Capital Research
- Accounting
- Finance
- Economics
- Management
- Operations
- Marketing

### RESEARCH COURSES AVAILABLE

The PhD, PhD Integrated and MPhil programs are available across the range of study areas within the Faculty of Business.

#### APPLICATION REQUIREMENTS

Listed on pages 70 - 71.

IELTS Overall 6.5 (R:6, W:6, L:6, S:6)

STARTS PhD – Autumn (February) and Spring (July)  
PhD Integrated and MPhil – Trimester 1 (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

- Advanced Manufacturing Technologies
- ARC Centre of Excellence in Geotechnical Science and Engineering
- Australian Power Quality and Reliability Centre
- Australian Steel Manufacturing Research Hub - Defence Materials Technology Centre
- Centre for Business and Social Innovation
- Centre for Infrastructure Protection and Mining Safety
- Centre for IT-enabled Transformation
- Centre for Medical Radiation Physics
- Decision Systems Laboratory
- Energy Pipelines CRC – Rail Manufacturing CRC
- Engineering and Mathematics Education Research Group
- Engineering Asset Management Group
- Engineering Manufacturing
- Engineering Materials
- ICT Research Institute
- Institute for Mathematics and its Applications
- Mining Research Centre
- National Institute for Applied Statistical Research Australia
- Research Centre for Geomechanics and Railway Engineering

### ENTITIES

- SMART Infrastructure Facility
- Sustainable Buildings Research Centre

### RESEARCH COURSES AVAILABLE

- The PhD, PhD Integrated and MPhil programs are available across the range of study areas within the Faculty of Engineering and Information Sciences.

#### APPLICATION REQUIREMENTS

Listed on pages 70 - 71.

IELTS Overall 6.5 (R:6, W:6, L:6, S:6) for PhD  
PhD Integrated: Overall 6.0 (R:5.5, W:5.5, L:5.5, S:5.5)

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)
- Centre for Research on Men and Masculinities (CROMM)
- Colonial and Settler Studies Network (CASS)
- Contemporary Emotions Research Network (CERN)
- Feminist Research Network (FRN)
- Forum for Indigenous Research Excellence (FIRE)
- 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 program is available in a number of Humanities study areas and the Faculty also offers a professional Doctorate, the Doctor of Creative Arts.

#### APPLICATION REQUIREMENTS

Listed on pages 70 - 71. 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)

### MAJOR RESEARCH GROUPS

- Illawarra Health and Medical Research Institute (IHMRI)
- Centre for Archaeological Science
- Centre for Medical and Molecular Bioscience
- GeoQuEST Research Centre
- Centre for Atmospheric Chemistry
- Centre for Sustainable Ecosystem Solutions
- Health Impacts Research Cluster

### OTHER RESEARCH GROUPS

- Biomechanics Research Laboratory
- Biomolecular Structure, Dynamics and Function Group
- Cancer Drug Discovery Group
- Centre for Human & Applied Physiology
- Centre for Translational Neuroscience
- Illawarra and Southern Practice Research Network
- Lipid Research Centre
- Mass Spectrometry User Resource & Research Facility
- NSW/ACT Dementia Training Study Centre
- Proteostasis and Disease Research Centre
- Smart Foods Centre
- Soft Materials Group

### RESEARCH COURSES AVAILABLE

The PhD and MPhil 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 70 - 71.

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 6.0 (R:5.5, W:5.5, L:5.5, S:5.5) 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

- Early Start Research Institute
- Australian Centre for Cultural Environmental Research
- Centre for Health Initiatives
- Centre for Psychophysics, Psychophysiology and Psychopharmacology
- Illawarra Institute for Mental Health

### 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 70 - 71.

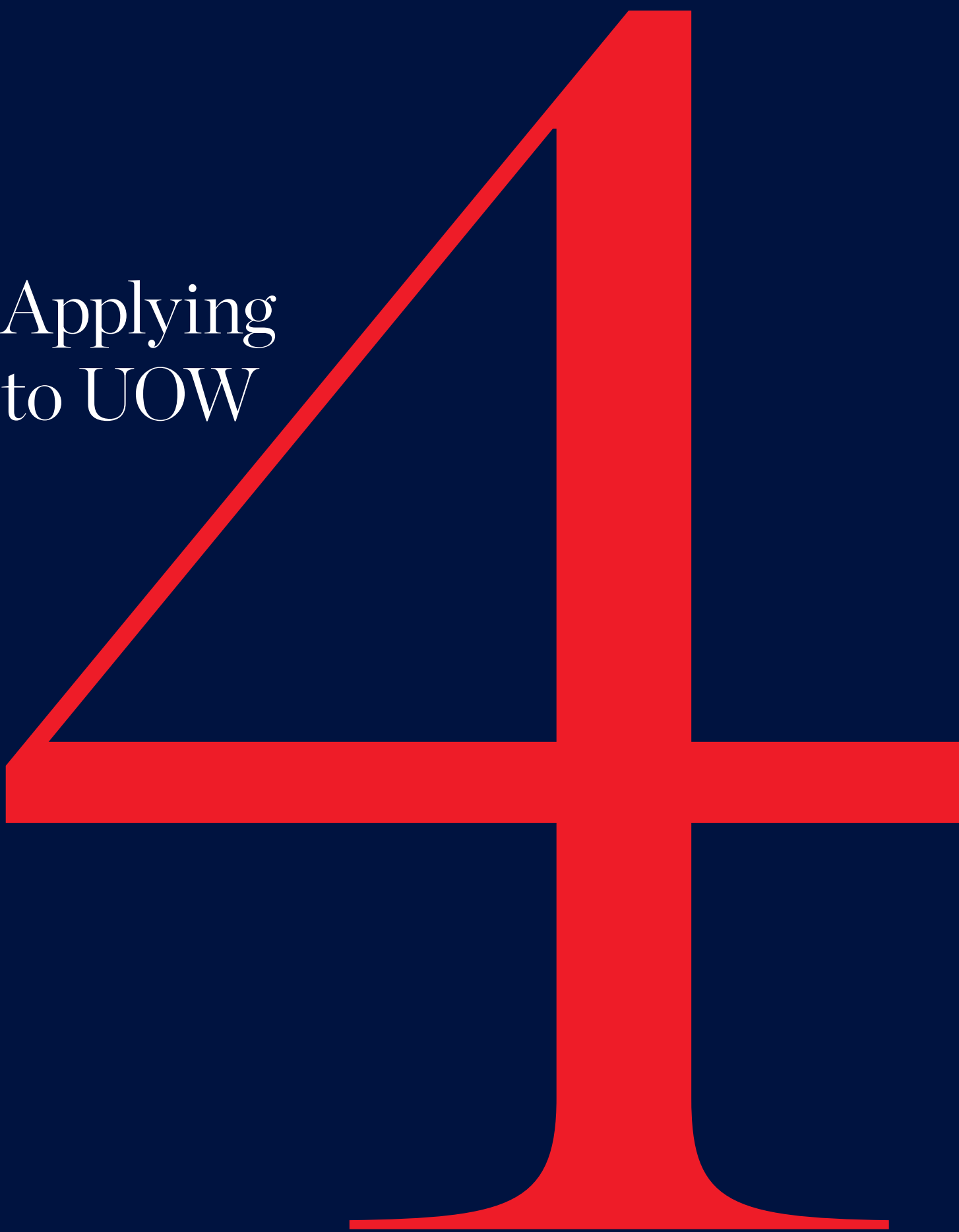
Professional doctorates in Education, Psychology and Public Health have other requirements.

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.



# 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 medium 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 (2) 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.



**UOW  
COLLEGE**

# English language courses

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.

	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
Level	IELTS	TOEFL (internet)	IELTS 5.0	IELTS 5.5	IELTS 6.0	IELTS 6.5	IELTS 7.0			
Advanced	6.5	88					12	ETS 6	Overall IELTS of 6.0 (Reading 5.5 and Writing 5.5), or equivalent	Overall IELTS of 6.5 (Reading 6.0 or Writing 6.0 but no less than 5.5), or equivalent
	6	79			6*	12	18			
	5.5	70		6#	12	18	24			
Intermediate	5	61		12	18	24	30	ETS 12	Overall IELTS of 5.5 (Reading 5.0 and Writing 5.0), or equivalent	Overall IELTS of 6.0 (Reading 5.5 and Writing 5.5), or equivalent
	4.5	52	12	18	24	30	36			
Lower intermediate	4	45	18	24	30	36	42	ETS 18	Overall IELTS of 5.0 (Reading 5.0 and Writing 5.0), or equivalent	Overall IELTS of 5.5 (Reading 5.0 and Writing 5.0), or equivalent
	3.5	38	24	30	36	42	48			
Elementary	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
2017	TRIMESTER 1 (6 FEB)	4 Jan 2016	22 Feb 2016	4 Apr 2016	16 May 2016	4 Jul 2016	15 Aug 2016	26 Sep 2016	7 Nov 2016
	TRIMESTER 2 (15 MAY)	4 Apr 2016	16 May 2016	4 Jul 2016	15 Aug 2016	26 Sep 2016	7 Nov 2016	9 Jan 2017	27 Feb 2017
	Autumn (Feb)	22 Feb 2016	4 Apr 2016	16 May 2016	4 Jul 2016	15 Aug 2016	26 Sep 2016	7 Nov 2016	9 Jan 2017
	Spring (Jul)	4 Jul 2016	15 Aug 2016	26 Sep 2016	7 Nov 2016	9 Jan 2017	27 Feb 2017	10 Apr 2017	22 May 2017
	TRIMESTER 3 (21 AUG)	15 Aug 2016	26 Sep 2016	7 Nov 2016	9 Jan 2017	27 Feb 2017	10 Apr 2017	22 May 2017	10 Jul 2017
	TRIMESTER 1 (FEB)	9 Jan 2017	27 Feb 2017	10 Apr 2017	22 May 2017	10 Jul 2017	21 Aug 2017	3 Oct 2017	13 Nov 2017
2018	TRIMESTER 2 (MAY)	10 Apr 2017	22 May 2017	10 Jul 2017	21 Aug 2017	3 Oct 2017	13 Nov 2017	8 Jan 2018	26 Feb 2018
	Autumn (Feb)	27 Feb 2017	10 Apr 2017	22 May 2017	10 July 2017	21 Aug 2017	3 Oct 2017	13 Nov 2017	8 Jan 2018
	Spring (Jul)	10 Jul 2017	21 Aug 2017	3 Oct 2017	13 Nov 2017	8 Jan 2018	26 Feb 2018	9 Apr 2018	21 May 2018
	TRIMESTER 3 (AUG)	21 Aug 2017	3 Oct 2017	13 Nov 2017	8 Jan 2018	26 Feb 2018	9 Apr 2018	21 May 2018	9 Jul 2018

# Key dates

## AUTUMN SESSION FEB 2017

Enrolment – International Students Orientation	16 Feb – 17 Feb
Lectures Commence (weeks 1–7)	21 Feb – 23 Feb
Mid-Session Recess (1 week)	27 Feb
Lectures Recommence (weeks 8–13)	17 Apr
Study Recess (1 week)	24 Mar
Exams (2 weeks)	5 Jun
Mid-Year Recess (4 weeks)	10 Jun
Release of Results	25 Jun
	4 Jul

## SPRING SESSION JUL 2017

Enrolment – New Students Orientation	17 Jul
Lectures Commence (weeks 1–9)	18 Jul
Mid-Session Recess (1 week)	24 Jul
Lectures Recommence (weeks 10–13)	25 Sep
Study Recess (1 week)	3 Oct
Exams (2 weeks)	30 Oct
Release of Results	4 Nov
	28 Nov

## TRIMESTER 1 FEB 2017

Enrolment and Orientation	
– Sydney Campus	1 Feb
– Wollongong Campus	2 Feb
Lectures Commence	6 Feb
Study Recess (1 week)	17 Apr
Exams (1 week)	22 Apr
Release of Results	10 May

## TRIMESTER 2 MAY 2017

Enrolment and Orientation	
– Sydney Campus	10 May
– Wollongong Campus	11 May
Lectures Commence	15 May
Study Recess (1 week)	24 Jul
Exams (1 week)	29 Jul
Release of Results	16 Aug

## TRIMESTER 3 AUG 2017

Enrolment and Orientation	
– Sydney Campus	16 Aug
– Wollongong Campus	17 Aug
Lectures Commence	21 Aug
Study Recess (1 week)	30 Oct
Exams (2 weeks)	4 Nov
Release of Results	30 Nov

# How to apply

## APPLY ONLINE FOR ALL DEGREES

**[apply.uow.edu.au](http://apply.uow.edu.au)**

Apply online for all degrees excluding Medicine. There is no application fee for applying online.

All HDR applications must be submitted online. Students may also apply for a HDR scholarship at the same time. For more information go to **[uow.edu.au/future/international/apply](http://uow.edu.au/future/international/apply)**

## FORM-BASED APPLICATIONS FOR COURSEWORK DEGREES

You can apply using a form for all coursework degrees. No application fee required.

See **[uow.edu.au/future/international/apply](http://uow.edu.au/future/international/apply)**

## SCHOLARSHIPS

**[uow.edu.au/future/international/apply/scholarships](http://uow.edu.au/future/international/apply/scholarships)**

See page 34 for scholarship application procedures and closing dates.

## FURTHER INFORMATION

More information is available on the UOW website:

Certification of Documents:

**[uow.edu.au/future/international/apply/how/certified](http://uow.edu.au/future/international/apply/how/certified)**

Offer, Acceptance & Payment:

**[uow.edu.au/future/international/accept](http://uow.edu.au/future/international/accept)**

Privacy and Disclosure: **[uow.edu.au/legal/privacy](http://uow.edu.au/legal/privacy)**

## ACCOMMODATION APPLICATIONS

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

In order to secure a place in the residences, applications should be made as early as possible.

See pages 12 – 13 for accommodation options.

# Fees

**[uow.edu.au/future/international/apply/fees](http://uow.edu.au/future/international/apply/fees)**

The above website includes information on tuition fees for each course, as well as compulsory Overseas Students Health Cover and UOW Student Amenities Fees.



## 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 13 August

### LEARN MORE

[uow.edu.au/future/international](http://uow.edu.au/future/international)

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International: +61 2 4221 3218

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[futurestudents@uow.edu.au](mailto:futurestudents@uow.edu.au)

**#ThisIsUOW**



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