

Postgraduate Guide — 2021



UNIVERSITY
OF WOLLONGONG
AUSTRALIA



Where doors open

We're here to open doors and support your choices while giving you the freedom and resources to chase your dream career.

5 stars

UOW postgraduate received 5 stars for Learner Engagement.

Australian Good Universities Guide 2020

87.4%

of UOW postgraduate students secure full-time employment within four months of completing their course. This is above the national average for Australian universities.

Federal government Quality Indicators for Learning and Teaching (QILT) 2019



From here to every corner

A globally recognised and respected degree from UOW is your passport to a world of opportunity.

Top 20

16th best modern university in the world.

QS Top 50 Under 50 Rankings 2020

Top 200

Rating for UOW graduates by global employers.

QS Graduate Employability Rankings 2020

Top 250

Ranking among the world's best universities.

212th in the world – QS World University Rankings 2020, 201-250 band – Times Higher Education World University Rankings 2020, 220th – Academic Ranking of World Universities (ARWU) 2019

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Our global reach and reputation

We have formal agreements with more than 400 overseas institutions, covering research collaboration, student and staff exchange, study abroad and program delivery.

Since inception, UOW has expanded its domestic campus network beyond Wollongong, offering students a greater choice of study locations. These include our newest South Western Sydney and Sydney CBD campuses. Research students can also study at our Innovation Campus, based in Wollongong.

INTERNATIONAL EDUCATION PARTNERS

UOW has established partnerships with a number of international education institutions to provide students with opportunities to access quality education outside Australia.

These include:

- PSB Academy Singapore
- The Singapore Institute of Management (SIM)
- Central China Normal University (CCNU) UOW Joint Institute

TWINNING ARRANGEMENTS

UOW has twinning arrangements with Beijing Jiaotong University, Zhengzhou University and Tianjin Polytechnic University that are formally recognised by the Chinese Ministry of Education. Students are able to complete part of their program at their home institution and then transfer to UOW to complete the remainder of their degree.



UOW COLLEGE HONG KONG

UOW College Hong Kong (UOWCHK), formerly Community College of City University (CCCU), has provided quality tertiary education for more than 35 years. Since July 2015, the College has been part of UOW's global campus network. UOW teaches a number of degree and top-up programs at UOWCHK and provides exchange opportunities for students to enrich their university experience.



UOW DUBAI

Established in 1993, the University of Wollongong in Dubai (UOWD) is one of the oldest and most prestigious universities in the United Arab Emirates (UAE). UOWD provides a broad range of undergraduate and postgraduate degrees in business and management, finance and accounting, humanities and social sciences, and computer science and engineering.



UOW MALAYSIA KDU

UOW has delivered programs in Malaysia for more than 10 years and in 2018 UOW continued its global expansion by acquiring the university colleges of Malaysian private education provider KDU. Officially commencing in November 2019, this new initiative offers enhanced opportunities for the study of Australian courses in Malaysia.



Wollongong is a student city

Located on the east coast of Australia, Wollongong is home to thousands of students making it the ideal place for you to study.

It's a diverse, safe and friendly city, filled with many languages, cuisines, religions and customs. A busy cultural calendar attracts people from all over Australia and the world who enjoy a healthy, active lifestyle. With big green mountains to the west and the ocean to the east, here you can breathe in fresh air, live stress-free and focus on your studies.

17 beaches
Patrolled by lifeguards

35+ nature walks
Maintained by NSW National Parks in the Wollongong region

3rd largest city in NSW
306,591 people call the Wollongong region home

TRANSPORT IS CHEAP & EASY

Wollongong is close to Sydney – just 90 minutes by road or train. Once you arrive here, your transport options around the city are safe, easy and cheap.



FREE BUSES

Wollongong is well-connected with buses going to all of the surrounding suburbs.

Free 'city loop' buses run all day and into the night, making it easy for you to travel from campus and student accommodation to the city centre, train station and shopping district.



TRAIN

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



BICYCLE

UOW has end of trip facilities including showers, change rooms, and secure bike lock up. Bike racks are also conveniently placed outside buildings across campus.



WALK

Most destinations in Wollongong are an easy walk away.



CAR

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



COST

For any public transport in and between Wollongong and Sydney, you'll never pay more than \$16.10 a day or \$50 a week. Travel on Sundays is \$2.80.¹

COMPARE THE COST OF LIVING

Being a student city, the cost of living is lower² than many Australian cities, including Sydney and Melbourne. So in Wollongong, you can focus on your study, not your finances.



EGGS

\$4.58 – 12 regular



BREAD

\$2.65 loaf



COLA

\$3.00 bottle



COFFEE

\$3.50 on campus



MILK

\$1.50 – 1L



NOODLES

\$1.50 instant



RICE

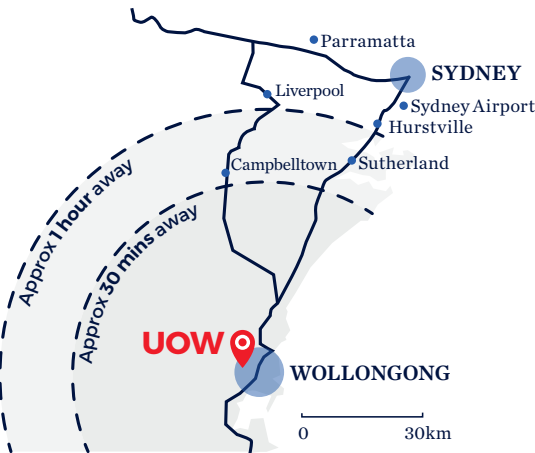
\$2.69 – 1Kg



RENT COMPARISONS

Median weekly rent³ for 2BR apartment:

Wollongong	\$375
Liverpool	\$400
Sydney CBD	\$780
Melbourne CBD	\$600



1. Use an Opal Card to pay for trains, ferries, buses and light rail in Wollongong and Sydney. Top-up and reuse these smartcard tickets and enjoy capped pricing when using public transport. Prices correct as of November 2019 and are subject to change. Some exceptions apply, see opal.com.au

2. Numbeo.com, as of November 2019.

3. NSW Department of Family and Community Services Housing Rent and Sales June 2019. Victorian Department of Health & Human Services Rental Report June 2019.

WOLLONGONG AND SURROUNDS

From a hike in the mountains to a swim in the ocean, and everything in between, there’s always something happening in Wollongong.

A place to...

SEEK ADVENTURES

Go hang-gliding at Bald Hill, experience skydiving over the beach or ziplining through the forest at a nearby treetop tour.

RELAX

Experience what’s on in Wollongong throughout the year, including the sunset cinema, eat street markets, festivals, pop-up events, live music and so much more.

ENJOY NATURE

Interact with the native Australian animals at Symbio Wildlife Park or enjoy one of many great hikes in the Illawarra, including Sublime Point and Mt Keira, and see the coastline stretch for miles.

Or experience the Royal National Park, which is nature’s playground of walks, beaches and waterfalls.

SEE SOME SPORTS

Watch the St George Illawarra Dragons compete in the NRL or see some slam dunks at an Illawarra Hawks basketball game at WIN Stadium.

BE ENTERTAINED

See a show at the Illawarra Performing Arts Centre or listen to a talk or take a workshop at the Wollongong Art Gallery.

INDULGE

Enjoy food and drinks with a view at one of many cafes and restaurants overlooking the Pacific Ocean in North Wollongong.

MEET UP

There are over 3,000 businesses in Wollongong CBD with new cafes and shops opening up all the time. You can also join one of many special interest Meet Up groups going on around the region.

HAVE FUN

Wollongong is home to 20+ live music venues, including UOW’s UniBar. You can see more than 100 live acts each year on campus alone.



Wollongong campus

UOW's Wollongong Campus is like a leafy-green suburb with everything you need to achieve your best and feel like you belong.

Our campus provides a friendly university community with a wide range of facilities dedicated to academic and wellbeing support, as well as health services, student accommodation, a sports precinct, and events embracing culture and entertainment.

ACHIEVE

Get the most out of your study with 24/7 library access during session and a range of academic support programs.

REFUEL

You won't go hungry with 9 coffee shops, 20+ food outlets, a bar and a supermarket all on campus, or take the free bus into Wollongong CBD.

JOIN A CLUB

With more than 130 student-run clubs and societies covering everything from religion and culture, to study groups and camping, it's easy to meet like-minded friends and have fun. Can't find one you like? You can start your own.

Find your tribe at clubs.uow.edu.au

HEAR SOME LIVE MUSIC

More than 180 live music acts play on campus every year, including UOW student musicians on the Duck Pond Lawn and a busy schedule of Australian and international acts at the UOW UniBar. There's even the Garden Party music festival held on campus every year.

Check out the upcoming gigs at unibar.uow.edu.au

GET FIT

With your student discount, UniActive, is the place to keep fit with a 50 metre swimming pool, various courts and ovals and 80+ group exercise classes each week. You can also join one of 60 sporting teams on campus from football to underwater hockey.

Team up at uniactive.uow.edu.au/sports

ACTIVITIES

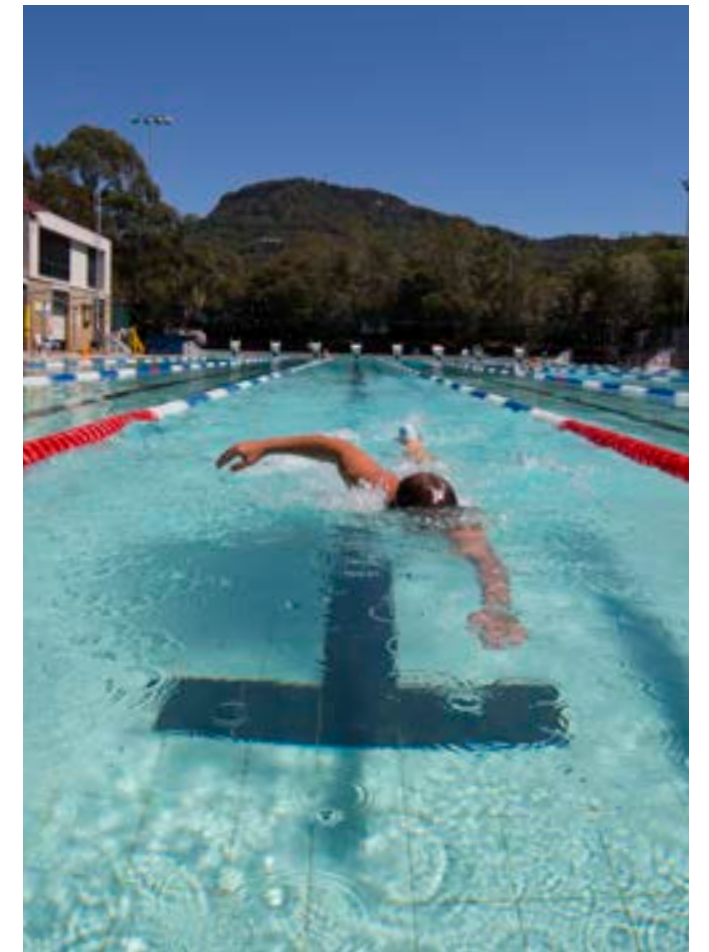
Enjoy a full calendar of events, including outdoor cinemas, free food, makers market and so much more, right here on campus.

STAY HEALTHY

Take care of yourself with a health clinic, dentist and physio all on campus. A hairdresser, travel agent and post office are also available.

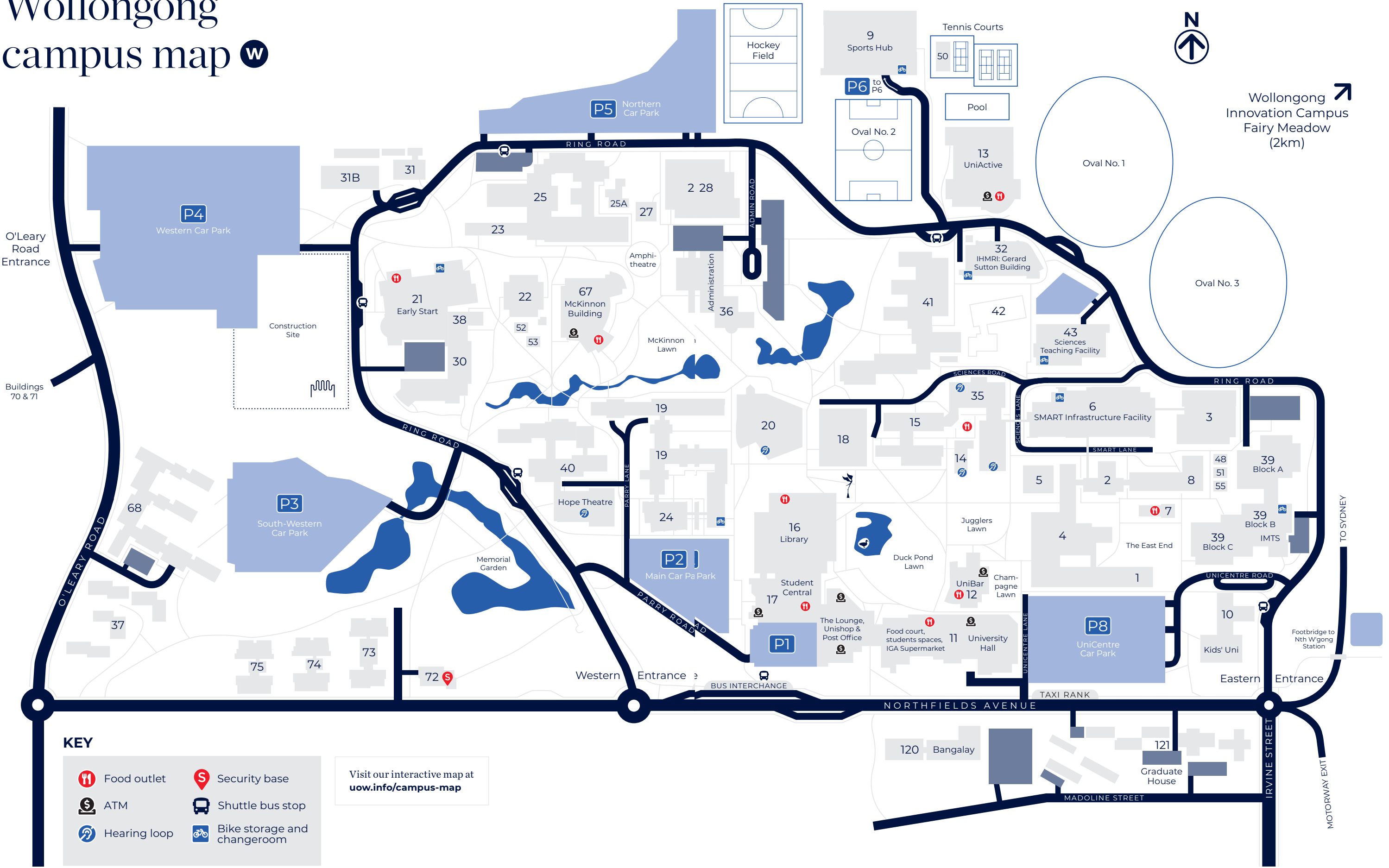
FEEL SAFE

Our free SafeZone App and UOW Security team are here to help ensure we have a safe and secure campus environment.



Wollongong campus map

POSTGRADUATE GUIDE — 2021



KEY

- | | |
|--|---|
|  Food outlet |  Security base |
|  ATM |  Shuttle bus stop |
|  Hearing loop |  Bike storage and changeroom |

Visit our interactive map at uow.info/campus-map

UOW accommodation

UOW offers a range of accommodation options conveniently located both on-campus and in the Wollongong CBD, or choose from Homestay or private rental options. And with affordable accommodation options starting at just \$195 per week, you're sure to find a place that suits you.

UOW ACCOMMODATION

You'll make lifelong friends with students studying everything from politics to polymers when you live in a UOW residence.

It's a welcoming, ready-made community, with a calendar full of social, sporting and cultural events, while 24/7 academic and wellbeing support is right outside your door.

It's not surprising that students who live in our residences achieve higher academic outcomes on average than students choosing private accommodation.

HOMESTAY

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

For more information see uow.info/homestay

PRIVATE ACCOMMODATION

UOW provides you with all the information you need about private and shared accommodation. Our dedicated accommodation web page also contains information on temporary accommodation you can use while you're looking for a place to live.

Learn more at uow.edu.au/accommodation/liveoffcampus

APPLYING FOR UOW ACCOMMODATION

You can apply to live in UOW accommodation online at apply-accom.uow.edu.au

In order to secure a place in a residence, you should submit your application as early as possible.

A free airport pick-up service from Sydney International Airport (60 minutes away) is provided for all newly enrolled UOW international students and UOW College students attending Wollongong campus and who are arriving in Australia for the first time.

For a full schedule of fees see uow.edu.au/accommodation

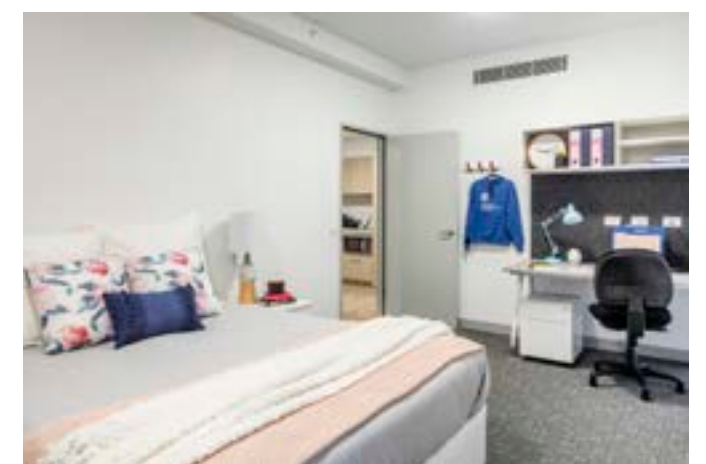


THE BEST PLACE TO LIVE. GUARANTEED.

UOW Accommodation can guarantee eligible students a place in a UOW residence during their first year at the University.

Knowing you're going to have a roof over your head is one less thing to worry about, leaving you free to concentrate on your studies.

To apply and see conditions and closing dates, visit uow.edu.au/accommodation



Choose your UOW residence

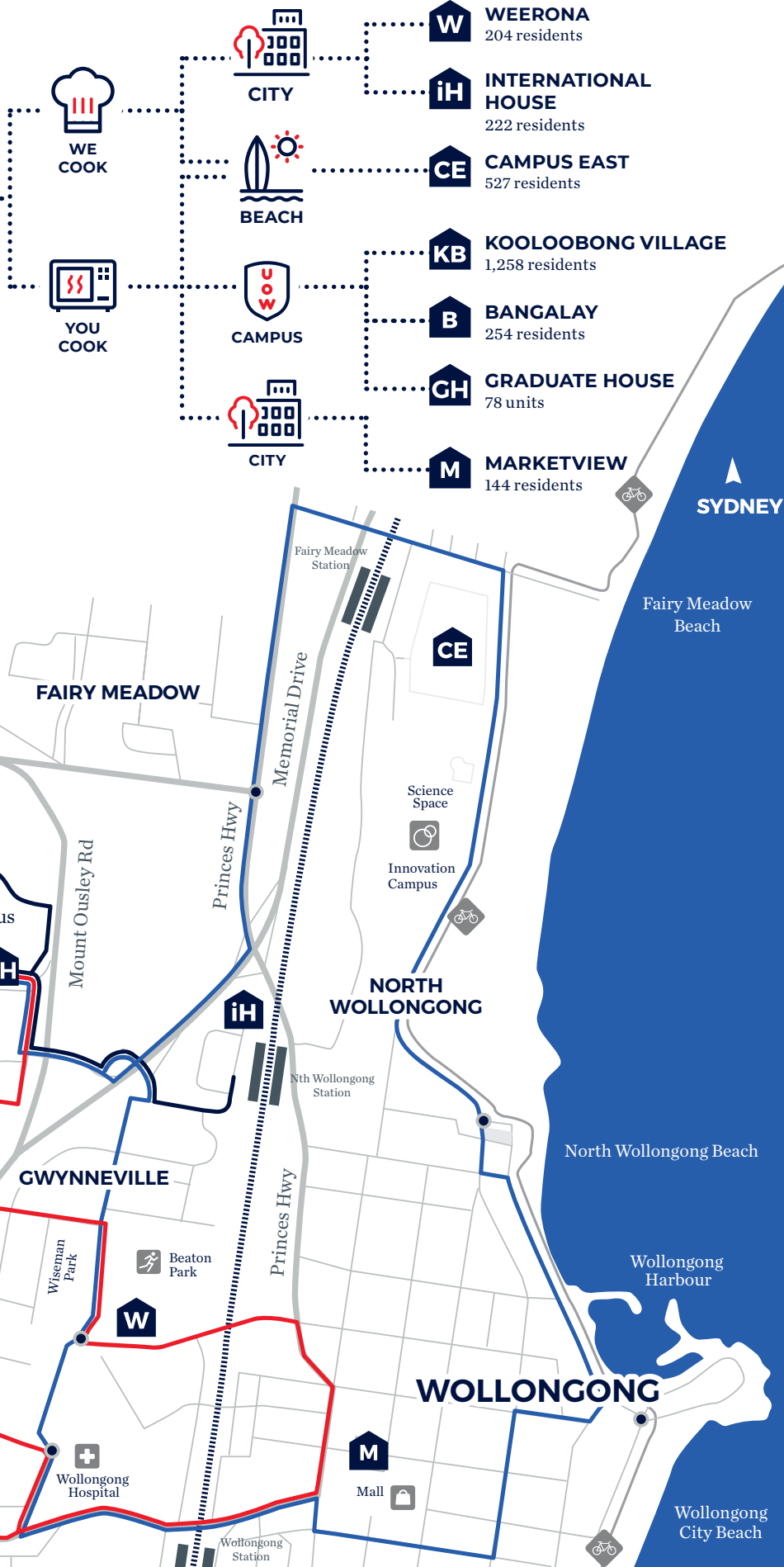
Get your university experience off to a smooth start. Your weekly rent in a UOW residence includes wifi, electricity, water, furniture, security and support – no surprise bills or unexpected costs.

Plus all residences are connected to the campus by free shuttle buses.

You can apply online at apply-accom.uow.edu.au

FREE LOCAL BUSES

- Route 55A/55C Gong Shuttle
- Route 9/9N North Gong Shuttle
- Gwynneville – Keiraville Shuttle



WEERONA COLLEGE **W**

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



INTERNATIONAL HOUSE **IH**

International House is an affiliate of the 16 International Houses worldwide. It proudly boasts a community representing many nations, living and learning peacefully under the one roof.



CAMPUS EAST **C**

A five-minute walk to the beach and 10-minute bus ride from the main Wollongong campus, Campus East is located on Innovation Campus in Fairy Meadow. The residence setting is spread across large grounds, including a number of playing fields.



KOOLOOBONG VILLAGE **KB**

Located right on-campus, living at Kooloobong Village means you're minutes from classes and all of UOW's leisure facilities. In 2018, 800 additional beds were added to this world-class student accommodation facility, forming part of Kooloobong Village.



BANGALAY **B**

Bangalay is a family-friendly residence located just across the road from the main Wollongong campus. This residence features modern facilities, landscaped outdoor communal areas, recreation areas, study spaces and meeting facilities.



GRADUATE HOUSE **GH**

Located right across the street from our main Wollongong campus, Graduate House offers furnished units with private kitchen, living, and bathroom facilities.



MARKETVIEW **M**

Marketview is in the heart of Wollongong, next to the city's largest shopping mall and dozens of restaurants and cafes. You'll also be a short walk from Wollongong's cultural hotspots, including the Wollongong City Art Gallery and the Illawarra Performing Arts Centre (IPAC).

Catering	Number of beds	Single rooms	Shared rooms	Shared (S) or private (P) bathroom	Price per week*	Distance to bus stop (FREE shuttle)	Distance to train station
Fully catered (19 meals a week)	204	✓	✓	S	From \$231	100m	1.4km
Fully catered (19 meals a week)	222	✓	✓	S	From \$231	200m	200m
Flexi-catered and self-catered	527	✓	✓	S	From \$195	300m	400m
Self-catered	1,258	✓	✓	S/P	From \$288	100m	2.1km
Self-catered	254	✓	✓	S/P	From \$319	50m	2km
Self catered postgrad, family & mature age	78 Units	✓		P	From \$242	100m	2km
Self-catered	144	✓		P	From \$294	150m	800m

* Prices listed are for 2020. A small price increase based on cost of living will be implemented in 2021.

Innovation Campus

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

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

The future is being created here.

AT THE FOREFRONT OF AN EVER-CHANGING WORLD

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

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

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

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

One such example is NEC Australia, which established its corporate office at Innovation Campus in order to create more than 130 new technology jobs and connect UOW students with graduate opportunities.

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

The University of Wollongong's innovative Health and Wellbeing Precinct will also be located at Innovation Campus, and will include Australia's first primary and community health clinic to offer patient-centred healthcare, mental health services, aged-care facilities, and research and teaching programs.

Modelled on the Mayo Clinic in the United States, the Precinct will complement existing health services in the Illawarra. Construction is anticipated to commence in 2020 with the first facilities expected to open in 2022.

iACCELERATE

Innovation Campus is also home to the UOW start-up initiative, iAccelerate. Designed around a robust educational framework, the iAccelerate program offers start-ups one-to-one mentoring and the unique opportunity to partner with the University to accelerate sustainable business growth.

iAccelerate is the only program of its kind to fuse incubation with acceleration, making it unique in the Australian startup marketplace. The iAccelerate Educate program teaches the business skills needed to grow an idea into a sustainable business. iAccelerate residents are taught to think about the impact of their business, with a focus on ethics, leadership, collaboration and social conscience.

iaccelerate.com.au



Metropolitan campuses

South Western Sydney campus

UOW’s metropolitan campus in South Western Sydney (Liverpool) offers undergraduate and postgraduate degrees.

The campus provides an experience that is specially designed for the needs of our students.

PERSONALISED STUDY

As a student at UOW, you’ll benefit from smaller class sizes and individual attention from your teachers – who are leaders in their respective fields of study. This is a great opportunity to meet industry leaders and learn from the best.

COURSES AVAILABLE

UOW South Western Sydney offers postgraduate courses including the Master of Computer Science, Master of Nursing International and Master of Social Work (Qualifying).

Undergraduate students can study courses in business, business information systems, communication and media, commerce, computer science, information technology, international studies, law and nursing. You can also choose from a range of law double degrees, or a double degree in international studies and commerce.

TRANSPORT

Campus is only a four-minute walk from Liverpool railway station. The city boasts one of Sydney’s first rapid bus transit-way systems, connecting you to other major areas around Sydney. The free community shuttle also stops just outside campus and is a great way to move around Liverpool.

FACILITIES

South Western Sydney is a vibrant and growing UOW campus providing everything you need to make the most of your degree, including computer labs, nursing labs, student kitchens, a recreation space, an outdoor rooftop terrace, dedicated quiet study areas and a prayer room. All of this is located within walking distance to public transport and Liverpool’s shopping district.



“

For me it’s about helping people to feel like they belong, they are cared for and they do matter.

Education, I believe, is key. I want to share that knowledge, that education is transformative, with the young people I work with.

What I’m driven by at the end of the day is my genuine passion and enthusiasm for this work.

— **Associate Professor Jioji Ravulo**

UOW South Western Sydney Campus

Sydney Business School, UOW

UOW’s Sydney Business School offers some of Australia’s leading postgraduate degrees.

You can choose to study in the heart of Sydney, overlooking the Opera House and Sydney Harbour Bridge, or at our Wollongong campus.

PERSONALISED STUDY

Flexible course delivery means you can work while you study and choose class times that suit your lifestyle. You will also have access to academic support including advisers, library resources, student computers and peer coaches to help you get the most out of your degree.

COURSES AVAILABLE

Business courses are designed to meet the needs of industry, with specialisations in accounting, business analytics, finance and financial management, human resource management, innovation and entrepreneurship, international business, management, marketing, project management and supply chain management.

SCHOLARSHIPS

International students can apply for a variety of postgraduate business scholarships which help cover tuition fees. These include 30% postgraduate academic excellence scholarships, 20% student bursaries and 10% UOW alumni scholarships.

CAREER SUPPORT

Our postgraduate business degrees reflect the needs of future employers, helping you gain highly-valued skills. At each location, we offer career support, professional development and corporate networking events to help you take your career to the next level.



“

I had a great time networking with my cohort and learning from industry experts who shared real success and failure stories. The experience at Sydney Business School, UOW exceeded my expectations, as I received support and guidance whether related to my course or to (my) start-up.

— **Mandeep Sodhi**

Entrepreneur

Career & academic support

TOP 1% FOR GRADUATES

UOW is consistently ranked in the top 200 universities in the world for the quality of our graduates, ranking in the 171–180 band in the 2020 QS Graduate Employability Rankings.



Work-integrated learning

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

WORKPLACE PRACTICE

UOW will help you prepare for the workplace with subjects that teach professional communication skills, and provide opportunities to gain experience in your desired industry.

ENGG980

A Professional Practice subject for Master of Engineering students that will help you transition into the workplace. You will participate in a real-world industry project that will expand your understanding of industry practices, provide you with experience in solving real business problems, and introduce you to people who work in your area of study.

GWP 900

A subject for students studying Business at the Wollongong or Sydney CBD campus, designed to develop the knowledge and confidence to find work in Australia. You will learn how to analyse and respond to job advertisements, develop an evidence-based resume and cover letter, and gain a clear understanding of the recruitment process. Upon completion of the subject, you may also be eligible for a post-session internship.

GWP 901

This subject is designed to help Master of Nursing International students studying at Wollongong or South Western Sydney campus gain the knowledge and confidence to find work in Australia. Topics include how to write an effective resume and cover letter for the health industry, how to develop professional networks to enhance employability, and how to develop an effective job application.

GWP 902

This subject is designed to help students of selected postgraduate Science courses prepare for work by focussing on key employability skills like professional communication. You will learn about Australian workplace requirements, and how to apply your skills in a recruitment process. You will also engage with industry professionals and gain practical experience through a work-based, real-world industry project.

uow.info/WIL

BUILD YOUR CAREER

Careers Central offers support and opportunities to gain practical workplace experience. Don't wait until the end of your degree to think about your career; from day one we can help you build a portfolio of experience that employers will value. We help you:

- Engage with employers on campus or online to learn about current jobs and internship options with all types of organisations, including Google, Microsoft, the Commonwealth Bank of Australia and many more
- Find and apply for relevant paid internships and placements. Our experienced Career Consultants can help you understand what you need to do to get started
- Equip yourself for your future career by exploring workplace learning experiences through our career-based elective subjects
- Make better career choices by knowing what opportunities are available
- Maximise any paid internship or workplace experience you have found independently.

uow.info/WIL

LEARNING FOR PROFESSIONAL ACCREDITATION

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

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



“

It's been really good that the university offers a lot of extracurricular opportunities, and other ways of learning outside of the classroom. As an education student it's been really good that I get involved with Early Start, so I can have that practical experience throughout my degree. I'm really enjoying studying at UOW.

— **Mahime Watanabe**

Bachelor of Mathematics Education (Dean's Scholar)
Japan

Career development & job search skills

Whether you’re seeking a casual job while you study or full-time employment when you graduate, UOW Careers Central will show you how to apply for work, and help prepare you for the Australian workplace.

CAREERS CONSULTATIONS

UOW Careers Central has a team of experienced Career Consultants. You can meet with them to discuss your career thinking and what you might do during and after your studies.

Often the discussion will focus on your career direction and the things you can do to increase your employability, including participating in relevant UOW Careers services and programs.

EXPERTS IN YOUR FIELD

Each UOW faculty and campus has Career Consultants to provide personalised careers guidance tailored to your degree. These Career Consultants build relationships with potential internship providers in the business world and arrange presentations from industry experts, who can give you insights into your sector and help you start building a professional network.

uow.info/careerconsult

CAREER DEVELOPMENT & JOB-SEEKING WORKSHOPS

UOW Careers Central offers a variety of job-seeking workshops, including some that are designed specifically for international students who aspire to work in Australia. Learn how to navigate an unfamiliar job market, identify differences in the job application process, understand what Australian employers are looking for and update your resume accordingly.

These workshops help you in all aspects of career development, from career planning to the job seeking process. This includes aspects such as resume writing, interview skills, discovering hidden job markets, and more. The ultimate aim is to help you overcome the challenges in obtaining employment at the end of your degree and feel confident navigating the Australian recruitment process.

uow.info/careers-events

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 also shows future employers you’re well-rounded and not afraid of a challenge.

There are many opportunities for volunteering at UOW, including:

THE AUSTRALIAN INDIGENOUS MENTORING EXPERIENCE (AIME)

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

uow.info/uowx_aime

UNICREW

Help run UOW student events all over campus, organise fun activities every week and support the bands that play at UOW.

Organised through the Centre for Student Engagement (CSE), UniCrew are there to help make your time at UOW the best time of your life.

uow.info/volunteering

UNIVATIVE

Univariate is a student consultancy program designed to enhance your employability. It provides a unique opportunity to work in multi-disciplinary teams, meet working professionals and gain real industry experience. You will gain first-hand knowledge and experience of a particular organisation or industry, while working on innovative solutions to business challenges.

Every year there are new and exciting business problems for Univariate teams to solve. Past challenges have included:

- Strengthening the operation & delivery function of Wollongong tech firm Internetrix
- Determining how Mercer might organise their workplace more effectively to facilitate flexibility, workflows, and improved employee and customer service outcomes
- Working with Illawarra Taxi Network to identify new marketing strategies and tactical initiatives to strengthen and reposition their brand within the 18-30 year old demographic.

uow.info/univariate

UOWx

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

uow.info/uowx

Jobseeker resources

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

CAREERHUB

UOW CareerHub is an online tool that will help you find and apply for jobs, and attend workshops and events during your time here (and after you graduate).

Through CareerHub you can:

- Search for jobs, including graduate, vacation, part-time and casual, and work experience opportunities
- Register for workshops, employer presentations and careers expos
- Have your resume reviewed and book an appointment with the Careers and Employability team

CAREER EXPOS & EMPLOYER PRESENTATIONS

Throughout the year we give you opportunities to meet and engage with employers on campus. Career Expos are a great opportunity for you to meet and network with a variety of employers in the one place. Our Graduate Careers Expo covers many different industries, and our STEM Career Expos focusses on organisations within Science, Technology, Engineering and Mathematics.

Careers Central also host presentation sessions where employers provide valuable insight into their organisation, graduate recruitment processes, and promote employment vacancies.

These events provide opportunities to speak with people in your desired industry, understand how companies recruit and what they look for in graduates and interns, as well as explore different career options and pathways.

uow.info/careers-events

JOBS ON CAMPUS

Jobs on Campus connects students with employers at UOW who are looking to hire staff. Jobs range from customer service in retail outlets to student support roles and office work. The program ensures you are prepared for the application process through completion of our job-seeking workshops, and aware of professional expectations in the workplace.

uow.info/jobsoncampus

ONLINE TOOLS & RESOURCES

Explore an extensive range of interactive tools, videos, eLearning and written resources via our online platform CareerHub Plus. It covers everything from improving your resume to utilising social media effectively. There are plenty of tips from employers, including how to make the best first impression, information on recent developments in your industry, as well as an interview simulator.

You can also find sample cover letters, interview preparation checklists, resume writing guides and application advice from our Career Consultants on our Careers Central website. The website also provides career advice, including opportunities related to your degree.

uow.edu.au/careers

Working while you study

An international student visa allows you to work 40 hours per fortnight (two weeks) during university session and full-time during session breaks.



I was always after a university that can provide job opportunities, and I got the chance to work in South 32; it is a very famous mining company in Australia. Working in the mining sector in Australia is a really good opportunity, and Wollongong is definitely providing that opportunity.

Asiri Nawarathna
Master of Science (Supply Chain Management & Project Management)
Sri Lanka

Services & support

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

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

Academic support

ACADEMIC ADVISERS AND POSTGRADUATE COORDINATORS

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

GRADUATE RESEARCH SCHOOL

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

uow.edu.au/research/grs

LEARNING DEVELOPMENT CENTRE

Learning Development offers a range of free resources, classes and consultations to all enrolled students seeking to improve their academic performance.

uow.info/learningdevelopment

LIBRARY

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

library.uow.edu.au

PEER ASSISTED STUDY SESSIONS (PASS)

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

uow.info/pass

STUDENT CENTRAL

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

uow.info/central

STUDENT COMPUTER LABS

The Student Computer Labs are open all-day every-day during session and provide students with access to email, web, applications software, printing and Student IT Support. There are also teaching labs that contain special-purpose software for tutorials run by individual departments. When tutorials are not running, these labs may be used by any UOW student.

uow.info/itlabs

Personal services

COUNSELLING SERVICES

This free and confidential counselling service is available five days a week to assist you with personal, study or work related difficulties. Counselling can involve identifying options and choosing between them, learning new skills to cope better with problems, gaining a greater understanding of what is occurring, or being supported while recovering from a significant life event.

uow.info/counselling

HEALTH AND MEDICAL

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

IT SERVICES ON CAMPUS

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

SAFEZONE APP

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

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, Uni Bible Group and the Muslim Association of Wollongong University.

STUDENT SUPPORT ADVISERS

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

UOW SECURITY SERVICE

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



“The teachers here are so friendly. My tutors are awesome! Whenever I go to them for advice, they're so helpful. Any kind of problem regarding study, they're always ready to help.

—
Shamima Shanta
Master of Education Advanced (TESOL)
Bangladesh

Your options

No matter what your goals for the future are, UOW provides a range of postgraduate courses, entry pathways and scholarships to help you gain admission and achieve your best.



Postgraduate pathways

UOW postgraduate programs teach practical skills that will help you make a real impact in your chosen field.

GRADUATE CERTIFICATE

If you do not meet the entry requirements for a Master's degree, you may receive a packaged offer with a Graduate Certificate providing a pathway to your desired Master's. Graduate Certificates may also earn you credit towards a UOW Master's degree.

MASTER'S DEGREE (COURSEWORK)

A Master's Degree (Coursework) is a postgraduate study option that is taken after completion of an undergraduate degree, such as a Bachelor degree. While most UOW Master's degrees take 1 ½ years to complete, there are also one and two-year options available.

1 1-YEAR MASTER'S*

- ✓ UNDERGRADUATE DEGREE
- ✓ REQUIRED MARKS
- ✓ ELIGIBLE FOR

If you have completed previous study in the same subject area, you may be awarded credit to allow you to complete your Master's degree in just one year. This includes courses marked with

1.5 1.5-YEAR MASTER'S

- ✓ UNDERGRADUATE DEGREE
- ✓ REQUIRED MARKS

The standard course duration for most Master's degrees is one and a half years. The course entry requirements outline the prior study or work experience required for entry to your chosen course.

2 2-YEAR MASTER'S

- ✓ UNDERGRADUATE DEGREE
- ✓ REQUIRED MARKS

If you wish to complete an advanced degree with extended subject and specialisation choices, or a double specialisation (where available), you will complete your Master's degree in two years.

Entry requirements and course duration details are provided for each course in this guide, beginning on page 30.

* This time-frame assumes you have applied for and been granted the maximum amount of credit for prior learning.

HIGHER DEGREE RESEARCH (PHD)

If you're looking to complete a postgraduate degree with a focus on research, see page 74 for a description of our Higher Degree Research options. With support from your research supervisors, you will be able to play an active part in research projects of international importance.

Complete a Master's program in 1 year

If you have successfully completed previous study in a relevant field, you may be eligible for credit for prior learning into a Master's qualification. Credit for prior learning may reduce the overall length and cost of your course. Relevant work experience may also be recognised.

Also known as advanced standing, or credit transfer, credit for prior learning can include formal study, work experience, or training activity.

Applications for credit for prior learning are assessed by the appropriate faculty, and credit is not guaranteed.

For more information refer to uow.edu.au/future/credit

Scholarships & bursaries

Scholarships for international students are offered by UOW, the Australian Government and a number of international organisations. UOW also offers bursaries for postgraduate students from a range of countries.

For the latest information on UOW scholarship opportunities, or to apply for one of the following scholarships, visit uow.info/intnlscholarships

Postgraduate coursework scholarships

UOW POSTGRADUATE ACADEMIC EXCELLENCE SCHOLARSHIP

If you are commencing your coursework postgraduate degree at UOW, you may be eligible for a 30% tuition fee waiver.

Eligibility:

Achieve excellent academic results (75 WAM or equivalent).

Application:

You will be automatically assessed.

Exclusions:

This scholarship is not available for students studying a Doctor of Medicine, Nutrition and Dietetics, Exercise Physiology, Teaching, Social Work and Psychology degrees. You may not be in receipt of any other scholarship, sponsorship, bursary or discount, and may not receive credit for prior learning.

UOW ALUMNI POSTGRADUATE SCHOLARSHIP

If you have previously completed a UOW degree, you may be eligible for a 10% tuition fee waiver.

Eligibility:

You must have completed a UOW Bachelor degree, be commencing a full-fee paying postgraduate coursework degree, and must maintain a credit average (65+) throughout your course.

“CHANGE THE WORLD” LAW SCHOLARSHIP

For Indian or Bangladeshi students studying a Bachelor of Laws or a Bachelor of Laws (Graduate Entry).

Number available:

Two.

Eligibility:

Applicants must be an Indian or Bangladeshi citizen, receive an offer for B. Laws or B. Laws (Graduate entry) at UOW in 2021, and remain enrolled as a full-time student in one of the above law programs at UOW.

Available to students from:

India and Bangladesh.

For more info on the Bachelor of Laws (Graduate Entry), see page 65.

Country bursaries

UOW Country bursaries help make the world-class education offered by UOW more affordable for our international students. The bursaries offered to postgraduate students apply for the full duration of some of our most popular courses, and offer a fee-reduction of up to 20%.

CHINA BURSARY

10% tuition fee reduction

INDIA BURSARY

20% tuition fee reduction

NEPAL BURSARY

20% tuition fee reduction

PAKISTAN BURSARY

20% tuition fee reduction

BANGLADESH BURSARY

20% tuition fee reduction

SRI LANKA BURSARY

20% tuition fee reduction

KENYA BURSARY

20% tuition fee reduction

TANZANIA BURSARY

20% tuition fee reduction

VIETNAM BURSARY

20% tuition fee reduction

Eligibility:

You must be a citizen of the relevant country, and choose to study an eligible course.

Application:

You will be automatically assessed.

Exclusions:

You may not be in receipt of any other scholarship, sponsorship, bursary or discount.

SYDNEY BUSINESS SCHOOL COUNTRY BURSARY

If you want to study a postgraduate course offered by UOW’s Sydney Business School, you may be eligible for a 20% tuition fee reduction.

Eligibility:

You must hold current citizenship with China, India, Nepal, Vietnam, Pakistan, Bangladesh, Sri Lanka, Kenya, Argentina, Bolivia, Brazil, Cambodia, Chile, Colombia, Ecuador, Ghana, Guyana, Indonesia, Iran, Mongolia, Myanmar, Nigeria, Paraguay, Peru, Suriname, Thailand, Turkey, Uruguay, Venezuela, or Zimbabwe.

Application:

You will be automatically assessed.

Exclusions:

You may not be in receipt of any other scholarship, sponsorship, bursary or discount.

Australian government scholarships

UOW participates in a range of schemes funded by the Australian government – including the Australia Awards and Fellowships. For more information go to studyinaustralia.gov.au

Research scholarships

UOW offers a wide range of research scholarships which may be awarded to eligible International Higher Degree Research (HDR) students.

UOW HDR scholarships are in the form of allowances to assist candidates in meeting their living costs while they undertake their research. They can include Annual Stipends, Living Allowances and Tuition Fee Costs. The main UOW scholarship schemes are the University Postgraduate Awards (UPA) and the International Postgraduate Tuition Awards (IPTA).

Applications close 3 October for Session 1 (February). There are also scholarships offered by individual faculties or research centres, as well as scholarships offered in cooperation with overseas organisations, such as the Chinese Scholarships Council and the Higher Education Commission, Pakistan.

For 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

UOW COLLEGE AUSTRALIA BURSARIES

You may be eligible for an English Language Bursary when you undertake an English program with UOW College Australia in 2020.

uowcollege.edu.au



I was lucky enough to receive a scholarship from the University of Wollongong. That was one of the reasons I’ve chosen this university.

Being offered a scholarship, and living somewhere like Wollongong where it’s cheaper than Sydney, helps to take some of the financial pressure off. And this scholarship has actually helped a lot.

Shounak Das

Master of Information Technology
India

Courses

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



How to use this guide

1. Find your degree

The index starting on page 32 lists all our postgraduate 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.

This course guide indicates the specialisations available in each degree including a brief description. For detailed lists of subjects, search for your course and go to course structure at coursefinder.uow.edu.au

2. Read about your degree

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

Master of Business Administration

CRICOS	013031G	The CRICOS code for this degree
DURATION	1.5 years (72 cp)	
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)	UOW postgraduate degrees can start in Session 1 (Feb), Session 2 (Jul) or Trimesters 1, 2 or 3 (February, May or August). See page 85 for key dates.
LOCATION	Wollongong and Sydney	
ENTRY REQUIREMENTS	Recognised Bachelor degree with an equivalent average mark of 50%, plus a minimum of three years' relevant full-time professional or managerial experience and a one-page Statement of Motivation. Other tertiary qualifications combined with extensive professional work experience will be considered.	Any special entry requirements for the degree.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)	English language requirement for IELTS. Equivalent scores for TOEFL and Pearson PTE can be found on page 82.

3. Important terms used in entry requirements

ACCREDITATION

UOW courses are recognised internationally and in Australia through accreditation by professional organisations, and some of these are included under the heading 'accreditation' in the course listing. Additional criteria may need to be fulfilled to meet the membership requirements for some organisations.

DURATION

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

EQUIVALENT AVERAGE MARK

Where shown, a percentage mark relates to the requirement from an Australian degree. While similar grading systems are used around the world, many countries have different systems to those used in Australia (where the pass mark is commonly 50%).

PROFESSIONAL EXPERIENCE OR WORK EXPERIENCE

Professional experience relevant to either your previous academic qualification or the course you applied for should be at a senior level (for example as a manager or supervisor) or in a professional discipline with a considerable level of responsibility in employment (for example engineers, accountants, health professionals or marketing executives).

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

RECOGNISED BACHELOR DEGREE

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

RELEVANT

Used with reference to tertiary qualifications and work experience, 'relevant' means 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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*Proposed name change for 2021 to the Master of Education Extension subject to final approval.

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Business

uow.info/business

Stay ahead of an increasingly competitive and global business environment by accessing the latest knowledge and acquiring industry relevant skills at UOW’s Sydney Business School. Postgraduate business degrees at UOW are informed by research, recognised by industry and delivered using contemporary learning approaches, so you can gain the qualification you need to become a leader in your chosen field.

WHY STUDY BUSINESS

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

WORLD-CLASS BUSINESS

UOW is ranked among the top 200 universities in the world for Business and Management, Accounting and Finance, and Economics & Econometrics in the 2019 QS World University Rankings by Subject.

UOW also ranked second in New South Wales and the ACT for postgraduate Business and Management on the Australian Government’s Quality Indicators for Learning and Teaching (QILT) 2018.

Accreditation awarded by AACSB means that UOW is now recognised among the top 5% of business schools in the world.



Master of Applied Finance

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

The Master of Applied Finance will provide you with an advanced understanding of one of two specialisations: Investing or Financial Services. 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.

You can undertake a two-year option by completing the Master of Applied Finance (Investing and Financial Services) – see next course entry for details.

Course structure

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

Core subjects:

- Advanced Managerial Finance
- Corporate Governance
- Enterprise Risk Management
- Financial Institutions
- Financial Statement Analysis for Business
- Research in Financial Markets and Institutions
- Statistics for Decision Making

FINANCIAL SERVICES

Compulsory subjects:

- Banking Theory and Practice
- Bank Lending and Securities
- International Banking

Plus two electives from an approved list.

INVESTING

Compulsory subjects:

- Derivatives
- Portfolio Management
- Portfolio Simulation

Plus two electives from an approved list.

Professional recognition

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

Master of Applied Finance (Investing and Financial Services)

CRICOS	087684C
DURATION	2 years (1.5 years)* (96 cp)
STARTS	Trimesters 1 (February) and 3 (August)
LOCATION	W Wollongong and S Sydney
ENTRY REQUIREMENTS	A recognised Bachelor degree in a business, engineering, maths or IT related specialisation with an equivalent average mark of 50% or a Graduate Certificate in Applied Finance. Other tertiary qualifications combined with extensive professional work experience will be considered.
CREDIT	*If you hold a Bachelor degree in finance you may be granted credit for up to 24 cp (four 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 Financial Services is for students who are interested in focusing on investment, portfolio management and financial services. 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. The Investing specialisation focuses on investment and portfolio management, while the Financial Services specialisation focuses on financial institutions, as well as bank management and lending.

You will undertake a total of 16 subjects. In addition to the Master of Applied Finance’s seven core subjects, students undertake six compulsory subjects from the Investing and Financial Services specialisations plus three elective subjects from an approved list.

Master of Business

CRICOS	0100307
DURATION	1.5 years (72 cp) (1 year with credit)* or 2 years if combined with another Master’s program. See page 41 for more details.
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	W Wollongong and S Sydney
ENTRY REQUIREMENTS	A recognised Bachelor degree with an equivalent average mark of 50%, or a UOW Graduate Certificate in Business. Other tertiary qualifications combined with extensive professional work experience will be considered.
CREDIT	*If you hold a Bachelor degree in a Business or Commerce related area you may be granted credit for up to 24 cp (four core subjects).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Business allows you to be the Master of your degree, choosing the subjects that are of most interest to you and of most relevance to your career. You will be equipped with fundamental business knowledge and skills through a set of core subjects, as well as a research capstone.

If you wish to specialise in a specific area of business, you can combine your Master of Business with one of our specialist Master’s degrees to create a 2-year program tailored for you. See page 41 for more details.

Course structure

Core subjects:

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

Specialised subjects:

- Management of Change
- Leading in Contemporary Organisations

Research capstone subject:

- Business Research Capstone

Plus five elective subjects from an approved list.

Master of Business Administration

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

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

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

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

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

Course structure

The MBA comprises 12 subjects including two elective subjects.

MBA core subjects:

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

Plus two electives from an approved list.



LOCATIONS

Sydney Business School is the graduate school of the Faculty of Business at University of Wollongong. You can choose to study in the heart of Sydney, overlooking the Opera House and Sydney Harbour Bridge, or at our Wollongong campus.

Master of Business Administration Advanced

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

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

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

Course structure

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

ACCOUNTING

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

BUSINESS ANALYTICS

- Essential Elements for Business Analytics
- Techniques and Tools for Business Analytics
- Business Analytics for Economic and Market Environments
- Business Analytics for Services and Operations

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.

INNOVATION AND ENTREPRENEURSHIP

- Insights into Innovation and Entrepreneurship
- Contemporary Leadership Skills for Entrepreneurs
- Financial Skills for Entrepreneurs
- Applied Innovation Project

MARKETING

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


PROJECT MANAGEMENT

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

SUPPLY CHAIN MANAGEMENT

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

Master of Business Analytics

CRICOS	0100316
DURATION	1.5 years (1 year with credit)* (72cp) or 2 years if combined with another Master's program. See page 41 for more details.
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	W Wollongong and S Sydney
ENTRY REQUIREMENTS	A recognised Bachelor degree with an average mark of 50% or a UOW Graduate Certificate in Business. Other tertiary qualifications along with extensive professional work experience will be considered.
CREDIT 	*If you hold a Bachelor degree in a Business or Commerce related area you may be granted credit for up to 24 cp (four core subjects).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

In today's technology driven world, people and organisations are generating, collecting and storing more data than ever before. Organisations across various industries are seeking graduates with skills to utilise and interpret this data to inform business strategies and add value to their business.

The Master of Business Analytics is designed to prepare you with the essential skills to undertake real world Business Analytics tasks on big data business problems. You will develop skills and knowledge in business analytics, including how to apply tools and technologies required to perform descriptive, predictive and prescriptive analytics and how to apply these tools to a business landscape.

For a two-year program, this degree can be combined with a second Master's degree from Sydney Business School. See page 41 for more details.

Course structure

Core subjects:

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

Specialised subjects:

- Essential Elements for Business Analytics
- Techniques and Tools for Business Analytics
- Business Analytics for Economic and Market Environments
- Business Analytics for Services and Operations
- Advanced Business Analytics

Research capstone subject:


- Business Analytics Research Capstone

Plus two electives from an approved list.

Professional Recognition

Graduates of the Master of Business Analytics will be awarded the Statistical Analysis System (SAS) Joint Certificate in Business Analytics and Advanced Business Analytics. For more information visit: business.uow.edu.au/accrreditation

Master of Financial Management

CRICOS	0100314
DURATION	1.5 years (1 year with credit)* (72 cp) or 2 years if combined with another Master's program. See page 41 for more details.
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	W Wollongong and S Sydney
ENTRY REQUIREMENTS	A recognised Bachelor degree with an equivalent average mark of 50% or a UOW Graduate Certificate in Business. Other tertiary qualifications combined with extensive professional work experience will be considered.
CREDIT 	*If you hold a Bachelor degree in a Business or Commerce related area you may be granted credit for up to 24 cp (four core subjects).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Financial Management provides an opportunity for you to enhance your career opportunities by developing further professional and personal skills, and knowledge in Financial Management areas.

You will learn to plan, organise, direct and control financial activities such as obtaining funds and using funds for investments. You will study topics such as investment management, financial strategy, financial statement analysis and learn how to review the global financial system and understand the principles of descriptive and inferential statistics and their applications in the business environment.

For a two-year program, this degree can be combined with a second Master's degree from Sydney Business School. See page 41 for more details.

Course structure

Core subjects:

- Accounting and Financial Management
- The Economics of Global Business Challenges
- Organisational Behaviour and Management
- Principles of Marketing Management

Specialised subjects:


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

Research capstone subject:

- Financial Management Research Capstone

Plus two electives from an approved list.

Master of Human Resource Management

CRICOS	0100309
DURATION	1.5 years (72 cp) (1 year with credit)* or 2 years if combined with another Master's program. See page 41 for more details.
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	W Wollongong and S Sydney
ENTRY REQUIREMENTS	A recognised Bachelor degree with an equivalent average mark of 50%; or a UOW Graduate Certificate in Business. Other tertiary qualifications combined with extensive professional work experience will be considered.
CREDIT 	*If you hold a Bachelor degree in a Business or Commerce related area you may be granted credit for up to 24 cp (four core subjects).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Human Resource Management allows aspiring managers with a special interest in the 'people side' of organisations to acquire professional skills and knowledge in this area. This specialised Master's program equips you with skills to make new opportunities and adapt quickly to changing conditions within the workplace. You will examine structures, systems, culture and leadership, including how to implement organisational change and how to leverage competitive advantage in the global marketplace. You will develop the knowledge and skills to recruit and select suitable staff, manage their performance at work, develop their skills, ensure their safety at work, and deal with legal aspects of the employment relationship.

For a two-year program, this degree can be combined with a second Master's degree from Sydney Business School. See page 41 for more details.

Course structure

Core subjects:

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

Specialised subjects:

- Human Resource Development
- Job Analysis, Recruitment and Selection
- Management of Workplace Health and Safety
- Performance Management
- Managing Employment Relations in Organisations

Research capstone subject:


- Business Research Capstone

Plus two electives from an approved list.

Professional Recognition

Graduates of the Master of Human Resource Management meet the accreditation requirements of the Australian Human Resources Institute (AHRI). For more information visit: business.uow.edu.au/accrreditation

Master of Innovation & Entrepreneurship

CRICOS	0100308
DURATION	1.5 years (1 year with credit)* (72 cp) or 2 years if combined with another Master's program. See page 41 for more details.
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	W Wollongong and S Sydney
ENTRY REQUIREMENTS	A recognised Bachelor degree with an equivalent average mark of 50%; or a UOW Graduate Certificate in Innovation Entrepreneurship. Other tertiary qualifications combined with extensive professional work experience will be considered.
CREDIT 	*If you hold a Bachelor degree in a Business or Commerce related area you may be granted credit for up to 24 cp (four core subjects).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Innovation & Entrepreneurship will provide you with the knowledge and skills necessary to develop ideas into sustainable business opportunities and to foster innovation in your workplace. You will learn how to cultivate an entrepreneurial mindset, experiment with design thinking, and learn to use tools and techniques to convert your ideas into reality.

Throughout your degree, our academics will equip you with knowledge in innovative leadership, financial skills for entrepreneurs, how to navigate the complexities of innovation and entrepreneurship, business innovation planning, and creating and marketing new products. You will understand how to raise capital and gain detailed knowledge of the complexities of initiating, developing, managing and exploiting innovation.


The Master of Innovation & Entrepreneurship will allow you to explore the potential exploitation of your own business idea. You will learn to evaluate opportunities from a range of perspectives, including financial, technical and legal, as well as gain a thorough understanding of the processes associated with the development and marketing of a new product in today's complex environment. You will then complete your degree with an industry-based research project that will enable you to apply the skills developed into a practical project.

For a two-year program, this degree can be combined with a second Master's degree from Sydney Business School. See page 41 for more details.

Course Structure

Core subjects:	
<ul style="list-style-type: none">Accounting and Financial ManagementOperations ManagementOrganisational Behaviour and ManagementPrinciples of Marketing Management	
Specialised subjects:	
<ul style="list-style-type: none">Insights into Innovation and EntrepreneurshipContemporary Leadership Skills for EntrepreneursFinancial Skills for EntrepreneursBusiness Innovation PlanDeveloping and Marketing New Products and Services	
Research capstone subject:	
<ul style="list-style-type: none">Business Research Capstone	
Plus two electives from an approved list.	

Master of International Business

CRICOS	0100310
DURATION	1.5 years (1 year with credit)* (72 cp) or 2 years if combined with another Master’s program. See page 41 for more details.
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	W Wollongong and S Sydney
ENTRY REQUIREMENTS	A recognised Bachelor degree with an equivalent average mark of 50% or a UOW Graduate Certificate in Business. Other tertiary qualifications combined with extensive professional work experience will be considered.
CREDIT 	*If you hold a Bachelor degree in a Business or Commerce related area you may be granted credit for up to 24 cp (four core subjects).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)


The Master of International Business is designed to develop and broaden the capabilities and resources of business managers in the global business environment. It provides the opportunity to acquire contemporary knowledge and skills demanded by modern international business organisations.

You will study topics such as multinational financial management and cross-cultural management, gain an understanding of the international business environment, and learn how to develop international business strategies to achieve business objectives. For a two-year program, this degree can be combined with a second Master’s degree from Sydney Business School. See page 41 for more details.

Course structure

Core subjects:	
<ul style="list-style-type: none">Accounting and Financial ManagementOperations ManagementOrganisational Behaviour and ManagementPrinciples of Marketing Management	
Specialised subjects:	
<ul style="list-style-type: none">Managerial FinanceInternational Marketing StrategyInsights into Innovation and EntrepreneurshipCross Cultural ManagementGlobal Business Strategy	
Research capstone subject:	
<ul style="list-style-type: none">Business Research Capstone	
Plus two electives from an approved list.	

Master of Management

CRICOS	0100311
DURATION	1.5 years (1 year with credit)* (72 cp) or 2 years if combined with another Master’s program. See page 41 for more details.
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	W Wollongong and S Sydney
ENTRY REQUIREMENTS	A recognised Bachelor degree with an equivalent average mark of 50% or a UOW Graduate Certificate in Business. Other tertiary qualifications combined with extensive professional work experience will be considered.
CREDIT 	*If you hold a Bachelor degree in a Business or Commerce related area you may be granted credit for up to 24 cp (four core subjects).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Management provides an opportunity for you to enhance your career opportunities by further developing theoretical and practical skills and knowledge in key management areas.


Graduates of the Master of Management will have examined organisational structures, lead and implemented organisational change, managed projects and leveraged organisational competitive advantages in the changing global marketplace.

For a two-year program, this degree can be combined with a second Master’s degree from Sydney Business School. See page 41 for more details.

Course structure

Core subjects:	
<ul style="list-style-type: none">Accounting and Financial ManagementOperations ManagementOrganisational Behaviour and ManagementPrinciples of Marketing Management	
Specialised subjects:	
<ul style="list-style-type: none">Leading in Contemporary OrganisationsStrategic ManagementManagement of ChangeOrganisational AnalysisProject Management	
Research capstone subject:	
<ul style="list-style-type: none">Business Research Capstone	
Plus two electives from an approved list.	

Master of Marketing

CRICOS	0100315
DURATION	1.5 years (1 year with credit)* (72 cp) or 2 years if combined with another Master’s program. See page 41 for more details.
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	W Wollongong and S Sydney
ENTRY REQUIREMENTS	A recognised Bachelor degree with an equivalent average mark of 50% or a UOW Graduate Certificate in Business. Other tertiary qualifications combined with extensive professional work experience will be considered.
CREDIT 	*If you hold a Bachelor degree in a Business or Commerce related area you may be granted credit for up to 24 cp (four core subjects).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Marketing involves an exploration of the motives of consumers during the purchase of products and services. You will learn how to use this market research to make more effective marketing decisions.

Leading Marketing academics will teach you to examine who the customer is to develop a competitive advantage by effectively positioning products/ services in the market. You will study how to utilise promotional tools an organisation may use to create this competitive advantage and enhance a brand’s equity, whether the organisation is a commercial, non-profit, or social entity.

This Master’s degree will ultimately enable you to develop and demonstrate technical knowledge and skills in marketing, a field increasingly important for all types of organisations that need to deliver value through the products and services they create. You will have the opportunity to study a wide range of advanced topics in marketing and gain professionally oriented generalist and specialist marketing skills.

For a two-year program, this degree can be combined with a second Master’s degree from Sydney Business School. See page 41 for more details.

Course structure

Core subjects:	
<ul style="list-style-type: none">Accounting and Financial ManagementOperations ManagementOrganisational Behaviour and ManagementPrinciples of Marketing Management	
Specialised subjects:	
<ul style="list-style-type: none">Social MarketingMarketing StrategyConsumer BehaviourMarketing CommunicationsResearch for Marketing Decisions	
Research capstone subject:	
<ul style="list-style-type: none">Marketing Research Capstone	
Plus two electives from an approved list.	

Master of Professional Accounting

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

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

The course first introduces the fundamental principles of accounting, economics and aspects of the economic system and then proceeds to the study of specific knowledge areas that 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.

Course structure

The Master of Professional Accounting requires students to complete 12 core subjects:	
<ul style="list-style-type: none">Accounting Foundations for ProfessionalsApplied Financial AccountingApplied Management AccountingEconomics for ProfessionalsLaw of Business OrganisationsLegal Studies for ProfessionalsManagement and Information SystemsManagerial FinanceProfessional Practice – Auditing and Risk AssuranceProfessional Practice – TaxationStatistics for Decision MakingTheoretical Foundations of Accounting	

Master of Professional Accounting Advanced

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

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

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

Course structure

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


FINANCIAL MANAGEMENT	
<ul style="list-style-type: none">Financial Statement Analysis for Business	
Plus three subjects from an approved list of finance subjects.	
INTERNATIONAL BUSINESS	
<ul style="list-style-type: none">Cross Cultural ManagementInternational Business Environment	
Plus two elective subjects from an approved list of international business subjects.	

Professional recognition

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

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

Master of Project Management

CRICOS	099974E
DURATION	1.5 years (1 year with credit)* (72 cp) or 2 years if combined with another Master’s program. See page 41 for more details.
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	W Wollongong and S Sydney
ENTRY REQUIREMENTS	A 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 Project Management and hold a Bachelor degree in a Logistics, Project Management or a related area, may be granted credit for up to 24 cp (four core subjects).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Project Management explores how efficient management can provide organisations with improved ability to plan, implement and control their business activities. This Master's course provides comprehensive project management skills and capabilities on the full project lifecycle; from project initiation, planning, execution to project closing, and teaches strategies for dealing with a broad range of issues encountered within business organisations. The growth of new forms of technology in project management has prompted organisations to look for skilled project managers who can enhance the performance of their businesses.

For a two-year program, this degree can be combined with a second Master's degree from Sydney Business School. See page 41 for more details.

Course structure

Core subjects:

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

Specialised subjects:

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

Research capstone subject:

- Operations Capstone

Plus two electives from an approved list.

Master of Supply Chain Management

CRICOS	099973F
DURATION	1.5 years (1 year with credit)* (72 cp) or 2 years if combined with another Master's program. See page 41 for more details.
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	W Wollongong and S Sydney
ENTRY REQUIREMENTS	A 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 Supply Chain Management and hold a Bachelor degree in logistics, supply chain management or a related area, may be granted credit for up to 24 cp (four core subjects), reducing the duration to one year full-time study.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Supply Chain Management 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 and supply chains and how to implement a supply chain strategy within an organisation. Skills and capabilities are developed on topics such as forecasting, sales and operational planning and procurement to name a few.

For a two-year program, this degree can be combined with a second Master's degree from Sydney Business School. See page 41 for more details.

Course structure

The Master of Supply Chain Management comprises of 12 subjects, including 11 core subjects and 1 capstone research project:

- Accounting and Financial Management
- Principles of Marketing Management
- Organisational Behaviour and Management
- Operations Management
- Supply Chain Management
- Total Quality Management
- Supply Chain Analytics

- Strategic Procurement Management
- Advanced Supply Chain Management
- Logistics Systems
- Project Management
- Operations Capstone

Professional recognition:

The Master of Supply Chain Management is accredited by the Chartered Institute of Procurement and Supply (CIPS). For more information visit **business.uow.edu.au/accreditation**

PATHWAYS TO MASTER'S COURSES IN BUSINESS

Graduate Certificate in Business

CRICOS	095231K
DURATION	6 months (24 cp)
STARTS	Trimesters 1 (February), 2 (May) and 3 (August)
LOCATION	W Wollongong, S Sydney and Online
ENTRY REQUIREMENTS	A recognised Bachelor degree or a tertiary academic qualification with a duration of at least three years' full-time equivalent or three years' full-time equivalent managerial/professional work experience or seven 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 for those who want to advance their career, formalise their industry experience or upskill and move into a business-focused role within their field. This course covers key business areas including accounting, financial management, organisational behaviour and marketing management.

The Graduate Certificate in Business caters for both professional and lifestyle commitments by giving students the choice to study on campus at Wollongong or Sydney CBD, or online.

Course structure

You will complete three compulsory subjects:

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

Plus one of the following:

- The Economics of Global Business Challenges[^] or
- Operations Management^{^^}

[^]Recommended for students intending to progress to the Master of Financial Management.

^{^^}Recommended for students intending to progress to all other Master's degrees.

Progression to Master's courses

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

- Master of Business
- Master of Business Analytics
- Master of Financial Management
- Master of Human Resource Management
- Master of Innovation & Entrepreneurship
- Master of International Business
- Master of Management
- Master of Marketing
- Master of Supply Chain Management
- Master of Project Management

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

Graduate Certificate in Professional Accounting

CRICOS	095778G
DURATION	6 months (24 cp)
STARTS	Trimesters 1 (February) and 3 (August)
LOCATION	W Wollongong and S Sydney
ENTRY REQUIREMENTS	A recognised Bachelor degree or a tertiary academic qualification with a duration of at least three years' full-time equivalent. Applicants with three years' full-time equivalent managerial or 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.

Course structure

You are required to complete the following four subjects:

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

Progression to Master's courses

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

Graduate Certificate in Applied Finance

CRICOS	095779G
DURATION	6 months (24 cp)
STARTS	Trimesters 1 (February) and 3 (August)
LOCATION	W Wollongong and S Sydney
ENTRY REQUIREMENTS	A recognised Bachelor degree or a tertiary academic qualification with duration of at least three years' full-time equivalent. Applicants with five years' full-time equivalent managerial or 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, such as financial statement analysis, managerial finance, statistics and corporate governance.

Course structure

You are required to complete the following four subjects:

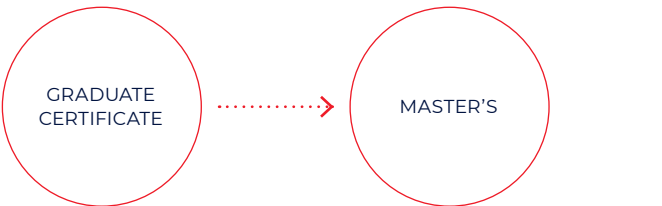
- Financial Statement Analysis for Business
- Advanced Managerial Finance
- Statistics for Decision Making
- Financial Institutions

Progression to Master's courses

Upon successful completion of the Graduate Certificate in Applied Finance, you may enrol in a Master of Applied Finance or a Master of Applied Finance (Investing and Financial Services), and be eligible for credit for the four subjects completed within the Graduate Certificate of Applied Finance. Progression to other Master's programs, including the MBA, may also be possible with some credit.

PATHWAY OPTIONS

Upon successful completion of a Graduate Certificate, students have the option to enrol into the associated Master's and receive four subjects credit, as outlined below.



- APPLIED FINANCE
 - PROFESSIONAL ACCOUNTING
 - BUSINESS
- APPLIED FINANCE
 - PROFESSIONAL ACCOUNTING
 - BUSINESS
 - BUSINESS ANALYTICS
 - FINANCIAL MANAGEMENT
 - HUMAN RESOURCE MANAGEMENT
 - INNOVATION & ENTREPRENEURSHIP
 - INTERNATIONAL BUSINESS
 - MANAGEMENT
 - MARKETING
 - SUPPLY CHAIN MANAGEMENT
 - PROJECT MANAGEMENT

COMPLETE A MASTER'S PROGRAM IN 1 YEAR

If you have successfully completed an undergraduate degree in Business, Commerce, Finance, Project Management, Logistics or Supply Chain Management, you may be eligible for credit for prior learning into a range of master's qualifications.



COMPLETE 2 MASTER'S IN 2 YEARS

Choose a combination of two Master's degrees from the following list, to complete a tailored program based on your career goals in just two years. For example, a Master of Supply Chain Management and a Master of Project Management.

- Master of Business
- Master of Business Analytics
- Master of Financial Management
- Master of Human Resource Management
- Master of Innovation & Entrepreneurship
- Master of International Business
- Master of Management
- Master of Marketing
- Master of Supply Chain Management*
- Master of Project Management

* If you choose to study a Master of Supply Chain Management as a part of this package, it is recommended to complete this degree first.

Education

uow.info/education

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

WHY STUDY EDUCATION

- UOW’s School of Education has a reputation for flexible course delivery combining online learning with face-to-face classes.
- We’re considered a ‘university of choice’ with partnership agreements signed with more than 300 schools around the region.
- Our academics – your teachers – are at the forefront of their specialisations. They are published authors, expert researchers and accredited professionals who are passionate about teaching and learning.
- UOW is focused on interdisciplinary research, giving you the opportunity to learn in our Early Start Research Institute – the most sophisticated teaching, research and community engagement initiative undertaken in Australia.
- Our degrees are accredited by the professional associations that matter. See individual course descriptions for more detail.

WORLD-CLASS EDUCATION

UOW ranked among the top 150 universities in the world for Education in the 2019 QS World University Rankings by Subject.

UOW postgraduate Teacher Education is ranked number 1 in Australia for Learner Engagement and Learning Resources in The Good Universities Guide 2020.

Master of Autism

CRICOS	This course is only available via distance education to students studying outside Australia.
DURATION	1.5 years (72 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	W Wollongong and Online
ENTRY REQUIREMENTS	A recognised Bachelor degree (or equivalent) in any area with an average mark of at least 65; or a Graduate Certificate in Autism with an average mark of at least 65.
CREDIT 	All subjects successfully completed in the Graduate Certificate will count as credit towards the Master of Education (Special Education) and Master of Autism, enabling completion within one year full-time equivalent.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

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

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

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


Graduate Certificate in Autism

CRICOS	This course is only available via distance education to students studying outside Australia.
DURATION	1 year part-time (24 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	W Wollongong and Online
ENTRY REQUIREMENTS	A recognised Bachelor degree in any area.
CREDIT 	All subjects successfully completed in the Graduate Certificate will count as credit towards the Master of Education (Special Education) or Master of Autism, enabling completion within one year full-time equivalent.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

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

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

Master of Education

CRICOS	083833E
DURATION	1.5 years (72 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	W Wollongong and Online
ENTRY REQUIREMENTS	A recognised Bachelor degree. Please see the Educational Leadership description on page 44 for additional entry requirements for those specialisations.
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 several specialist areas. The program offers sound theoretical foundations and extensive practical skills that address the broader aspects of education and training.

Course structure

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

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

Distance education

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

Specialisations

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

ADULT AND VOCATIONAL EDUCATION

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

Subjects include:

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

*Required subjects for this specialisation.

A Graduate Diploma in Adult and Vocational Education (see page 46) is also available. Students complete a program of eight subjects based on subjects available in the Master’s course structure above.

EDUCATIONAL LEADERSHIP

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

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

Please note the additional entry requirements for this specialisation:

- A recognised Bachelor degree in education or teaching and either the completion of postgraduate studies in any field, or one year of full-time professional experience in an educational field; OR
- A recognised Bachelor degree in any field and either the completion of postgraduate studies in Education, or two years’ full-time professional experience in an educational field or equivalent.

*Required subjects for this specialisation.

HIGHER EDUCATION

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

Subjects include:

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

*Required subjects for this specialisation.

DIGITAL TECHNOLOGIES FOR LEARNING

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 Digital Technologies for Learning in their current roles and also for those who want to expand their career opportunities through exposure to eLearning technologies.

Subjects include:

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

*Required subject for this specialisation.

INTERDISCIPLINARY STUDIES

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

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

*Required subjects for this specialisation.

Students select additional subjects from any of the other specialisation options.

SPECIAL EDUCATION

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



Subjects include:

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

*Required subjects for this specialisation.

EDUCATIONAL LEADERSHIP

Master of Education Advanced* (Educational Leadership)

CRICOS	088676F
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul),
LOCATION	 Wollongong and Online
ENTRY REQUIREMENTS	A recognised Bachelor degree in education or teaching and either the completion of postgraduate studies in any field, or professional experience equivalent to one year full-time in an educational field considered by the School to be appropriate to the program of study; or A recognised Bachelor degree in any field and either the completion of postgraduate studies in education, or professional experience equivalent to two years' full-time in an educational field or equivalent, considered by the School to be appropriate to the program of study. Applicants with a specialisation in Education plus three years' teaching experience may be eligible for credit for 24 cp (one session).
CREDIT 	Overall 6.5 (R:6, W:6, L:6, S:6)
IELTS	

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


- Teaching English to Speakers of Other Languages (TESOL)
- Higher Education
- Digital Technologies for Learning

You will engage with current research and a critical examination of leadership practices in consideration of your educational workplace context. Through a range of engaging and interactive subjects you will explore how leaders commit themselves to ethical, responsible and accountable practices, while exercising courage to reflect, critique and challenge where needed.

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

*Proposed name change for 2021 to the Master of Education (Extension) subject to final approval.



Master of Education (Educational Leadership)

CRICOS:	083833E
DURATION	1.5 year full-time, or part-time equivalent
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong and Online
ENTRY REQUIREMENTS	A recognised bachelor's degree in education or teaching, and one of the following: <ul style="list-style-type: none">– postgraduate qualifications in any field; or– professional experience equivalent to one year full-time in an educational field considered by the School to be appropriate to the program of study; or A recognised bachelor's degree in any field, and one of the following: <ul style="list-style-type: none">– postgraduate qualifications in education or teaching; or- professional experience equivalent to two years full-time in an educational field considered by the School to be appropriate to the program of study.
IELTS	6.5 (R:6, W:6, L:6, S:6)

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)

CRICOS	088676F
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul), November (Online only)
LOCATION	 Wollongong and Online
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 	Overall 6.5 (R:6, W:6, L:6, S:6)
IELTS	

*Proposed name change for 2021 to the Master of Education (Extension) subject to final approval.

Master of Education (TESOL)

CRICOS	083833E
DURATION	1.5 years (72 cp)
STARTS	Session 1 (Feb), Session 2 (Jul), November (Online only)
LOCATION	 Wollongong and Online
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 	Overall 6.5 (R:6, W:6, L:6, S:6)
IELTS	

The Master of Education and Master of Education Advanced* (TESOL) introduce 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
- Digital Technologies for Learning

The course includes an optional supervised TESOL practicum.

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

Course structure

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

Core subjects (18 cp):

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

Seven subjects from the TESOL specialisation:

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

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

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


EDUCATIONAL LEADERSHIP

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

DIGITAL TECHNOLOGIES FOR LEARNING

- 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


Graduate Diploma in TESOL

CRICOS	020206J
DURATION	1 year (48 cp)
STARTS	Session 1 (Feb), Session 2 (Jul) (Online only) and November (Online only)
LOCATION	 Wollongong and Online
ENTRY REQUIREMENT	Recognised Bachelor degree in any area.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

Course structure

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

Graduate Certificate in TESOL

CRICOS	020199C
DURATION	6 months (24 cp)
STARTS	Session 1 (Feb), Session 2 (Jul) (Online only) and November (Online only)
LOCATION	 Wollongong and Online
ENTRY REQUIREMENTS	A recognised Bachelor degree in any area.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

Course structure

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

INHERENT REQUIREMENTS

There are inherent requirements – such as skills and abilities – required to successfully complete this course. For more information visit uow.info/edu/inherent-reqs

Graduate Diploma in Adult and Vocational Education

CRICOS	083555M
DURATION	1 year (48 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong and Online
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 Tertiary Teaching & Learning Practices

CRICOS	083558G
DURATION	6 months (24 cp)
STARTS	Session 1 (Feb)
LOCATION	 Wollongong and Online
ENTRY REQUIREMENTS	Recognised Bachelor degree in any area. Other qualifications combined with relevant professional experience may also be considered.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)


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

Articulation


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

PRIMARY AND SECONDARY TEACHER EDUCATION

Master of Teaching (Primary)

CRICOS	080833G
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	A recognised Bachelor degree with an approved level of subjects relevant to primary education. For detailed information see socialsciences.uow.edu.au/education/courses
IELTS	Overall 7.5 (R:7, W:7, L:8, S:8)

Master of Teaching (Secondary)

CRICOS	080834F
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	A recognised Bachelor degree with an approved level of subjects relevant to secondary education. For detailed information see socialsciences.uow.edu.au/education/courses
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 theoretical and practical elements of teaching concurrently with your academic program. You will also gain experience in schools to develop a deep understanding of the nature of teaching.

The course provides students with 60 days of professional experience in local schools, with options to apply for ‘out-of-area’ (e.g. in rural NSW). There are also opportunities to undertake international immersion programs that allow you to travel overseas, visit schools and develop your understanding of people and cultures. Immersion programs are not considered as professional experience.

You will be supported through your teacher preparation by our teaching staff, Professional Experience Unit and through a range of School, Faculty and UOW events focused on preparing you for life as a teacher.

Secondary methods

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

Professional recognition

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

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

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

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

IMPORTANT NOTE

New enrolling students will be required to complete the new online Working with Children Check and clearance must be obtained prior to attending any professional experience.
kidsguardian.nsw.gov.au/check

Engineering

uow.info/engineering

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

WHY STUDY ENGINEERING

- Be at the forefront of innovation and learn using UOW’s top facilities, including more than 100 well-designed engineering laboratories and workshops.
- We are leaders in sustainability. You’ll be studying at the home of the award-winning Solar Decathlon House and the Sustainable Buildings Research Centre.
- Utilise our strong national and international industry connections and world-class research reputation.
- UOW is a member of the Group of Eight (Go8) Engineering and Associates, in recognition of being among the top Australian engineering faculties. This achievement is a direct result of our world-class reputation in teaching and research.
- Go on overseas study tours and enter creative design competitions.
- Receive strong support from the Women in STEM (Science, Technology, Engineering and Mathematics) Student Society.

WORLD-CLASS ENGINEERING

UOW ranked 91st in the world and 6th in Australia for Engineering and Technology in the 2020 Times Higher Education (THE) World University Rankings by Subject.

UOW also ranked 17th in the world for Mineral and Mining Engineering, top 100 for Materials Engineering and Civil and Structural Engineering and top 200 for Engineering & Technology and Electrical & Electronic Engineering in the 2019 QS World University Rankings by Subject.



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

Master of Engineering

CRICOS	083844B
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	Recognised four-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 (one year).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Engineering is a degree that delivers expert skills and applied competencies required for the professional engineer. It is designed to 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:

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

Course structure

SPECIALISATIONS IN CIVIL, ENVIRONMENTAL AND MINING ENGINEERING

Core subjects:

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

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

*Not required for Mining Engineering specialisation

CIVIL ENGINEERING

- Advanced Computer Applications
- Structural Design Based on Australian Standards
- Advanced Foundation Engineering
- Advanced Soil Mechanics
- Construction Management
- Engineering Hydrology
- Sustainable Roads and Railway Engineering

ENVIRONMENTAL ENGINEERING

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

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

SPECIALISATIONS IN 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 refer to the web links provided.

*Not required for Materials Engineering specialisation

MANAGEMENT	
–	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 Chain Management

Additional electives chosen from Engineering or Sydney Business School subjects.

MATERIALS ENGINEERING	
–	Corrosion Wear and Fatigue
–	Strategic Management for Engineers and Technologists
–	Recent Developments in Materials
–	Selection and Design of Materials
–	Structural Analysis of Materials

Additional electives chosen from the Engineering specialisation.

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

Additional electives chosen from the Materials Engineering specialisation.

MECHATRONIC ENGINEERING	
–	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
–	Communication and ICT Workplace Practice
–	Engineering Research Methods

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.

ELECTRICAL ENGINEERING	
–	Advanced Signals and Systems
–	Smart Power Grids
–	Renewable and Distributed Generation

Plus an additional three subjects selected from the electives listed under the Electrical, Computer or Mechanical Engineering specialisations.

COMPUTER ENGINEERING	
–	Advanced Signals and Systems
–	Image and Video Processing
–	Internet Networking Protocols

Plus an additional three subjects selected from the electives listed under the Electrical, Computer or Mechanical Engineering specialisations.

TELECOMMUNICATIONS ENGINEERING	
–	Advanced Signals and Systems
–	Mobile Networks

Plus an additional three subjects selected from the electives listed under the Electrical, Computer or Mechanical Engineering specialisations.

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

Subjects available include:	
–	Communication Systems
–	Control Theory
–	Data Communications
–	Digital Signal Processing
–	Microcontroller Architecture and Applications
–	Multimedia Signal Processing
–	Optical Communication Systems
–	Network Engineering
–	Power Engineering 1
–	Power Engineering 2
–	Wireless Communication Systems

Professional recognition

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

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

Graduate Diploma in Engineering

CRICOS	009237F
DURATION	1 year (48 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	W Wollongong
ENTRY REQUIREMENTS	A recognised three-year Bachelor of Engineering degree with an equivalent average mark of 60%; or a four-year Bachelor of Engineering degree with an equivalent average mark of 50%.
IELTS	Overall 6.0 (R:6, W:6, L:6, S:6)

The Graduate Diploma in Engineering delivers skills and applied competencies to students who wish to further their engineering knowledge and progress to become a professional engineer. It also provides a broadening program for current professional engineers who wish to further develop their engineering skills.

The Graduate Diploma in Engineering is designed to 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 the strategic project management and communication skills essential to practising engineers.

This degree provides a pathway to the UOW Master of Engineering, which is professionally accredited by Engineers Australia.

To qualify for the Graduate Diploma in Engineering, a candidate must complete 48 credit points (eight subjects), comprised of the following:

- Engineering Research Methods
- Innovation and Design
- Advanced Laboratory
- Communication and ICT Workplace Practice

Plus one subject from Group A

Plus three subjects from Group B

Group A	
–	Microcontroller Architecture and Applications
–	Digital Signal Processing
–	Power Engineering 1
–	Operations Research
–	Communication Systems
–	Power Engineering 2
–	Control Theory
–	Data Communications

Group B	
–	Multimedia Signal Processing
–	Embedded Systems
–	Intelligent Control
–	Network Engineering
–	Computer Architecture
–	Robotics and Flexible Automation
–	Optical Communication Systems

Graduate Certificate in Engineering

CRICOS	085496A
DURATION	6 months (24 cp)
STARTS	Session 2 (Jul)
LOCATION	W Wollongong
ENTRY REQUIREMENTS	A recognised three-year Bachelor of Engineering degree with an equivalent average mark of 60%; Four-year Bachelor of Engineering degree with an equivalent average mark of 50%.
IELTS	Overall 6.0 (R:6, W:6, L:6, S:6)

The Graduate Certificate in Engineering is designed to enhance professional practice, advance technical and specialist skills, and provide an opportunity to put theory into practice with applied projects. You will study Engineering Research Methods and three technical subjects in computer, electrical or telecommunications engineering.

The Graduate Certificate in Engineering provides a pathway to the Master of Engineering with full credit for Computer, Electrical, and Telecommunications majors. Articulation into other Engineering majors is also possible with limited or no credit.

The Graduate Certificate in Engineering will also provide a foundation for the more intensive theoretical and practical work of the Graduate Diploma. The program articulates to the Graduate Diploma of Engineering program with full credit for the subjects successfully completed in the Graduate Certificate. Alternatively, you may exit from this program with the Graduate Certificate award once you have completed the course requirements.

The Graduate Certificate comprises one core subject:

- Engineering Research Methods


Plus one subject from:

- Digital Signal Processing
- Power Engineering 1
- Communication Systems
- Control Theory
- Data Communications

And two subjects from:

- Multimedia Signal Processing
- Embedded Systems
- Intelligent Control
- Network Engineering
- Computer Architecture
- Robotics and Flexible Automation
- Sustainability for Engineers, Scientists and Professionals
- Innovation and Design
- Engineering Project Management
- Engineering Computing
- Advanced Laboratory
- Communication and ICT Workplace Practice

Master of Engineering Management

CRICOS	051350M
DURATION	1 year (48 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	A recognised four-year Bachelor of Engineering with an equivalent average mark of 60%.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

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

Course structure


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

Core subjects:

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

And two electives from Engineering or Sydney Business School subjects.

Master of Engineering Science

CRICOS	095230M
DURATION	1 year (48 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	Four-year Bachelor of Engineering degree with a relevant or related specialisation in computer, electrical or telecommunications engineering with equivalent average mark 60%. Applicants with a three-year Bachelor of Engineering degree with a relevant or related specialisation in computer, electrical or telecommunications engineering plus at least two years' relevant work experience may be considered.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

The Master of Engineering Science is designed for engineers and graduates who wish to gain an advanced understanding at the Master level of their current area of expertise in the field. The course will provide you with the opportunity to further develop your technical knowledge in the disciplines of computer, electrical or telecommunications engineering. You will also develop your ability to analyse and solve engineering problems, and communicate outcomes to other professionals.

Students must successfully complete the following three subjects plus the subjects noted against the specialisation, and assigned technical or professional electives, to a total of 48 credit points. Details of the technical and professional electives can be found on the below web pages.

- Advanced Laboratory
- Advanced Project
- Advanced Signals and Systems

Course structure

COMPUTER ENGINEERING

- Image and Video Processing
- Internet Networking Protocols

ELECTRICAL ENGINEERING

- Renewable and Distributed Generation
- Sustainability for Engineers, Scientists and Professionals

TELECOMMUNICATIONS ENGINEERING

- Mobile Networks
- Internet Networking Protocols

PROFESSIONAL COMMUNICATIONS AND ENGINEERING WORKPLACE PRACTICE ENGG980

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

ONLINE ENGINEERING COURSES

These courses are only available online for international students studying outside Australia.

Students regularly engage directly with lecturers online and interact with classmates in discussion forums built into the online learning system.

ENGINEERING ASSET MANAGEMENT

Engineering Asset Management has evolved into a recognised discipline and UOW draws on evolving International Standards and best practice to equip current and future asset managers to make rational decisions in an increasingly uncertain world.

The below degrees have been uniquely designed for professionals to develop and enhance their skills in the management of assets.

Master of Engineering Asset Management

CRICOS	Not applicable
DURATION	2 years part-time (48 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
ENTRY REQUIREMENTS	A recognised four-year Bachelor of Engineering degree with an equivalent average mark of 60%.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

Course structure

Core subjects:

- 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 in Engineering Asset Management

CRICOS	Not applicable
DURATION	1 year part-time (24 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
ENTRY REQUIREMENTS	A recognised four-year Bachelor of Engineering degree with an equivalent average mark of 60%.
IELTS	Overall 6 (R:6, W:6, L:6, S:6)

Course structure

Core subjects:

- Life-Cycle and Risk Management
- Maintenance Requirements Analysis
- Systems Reliability Engineering

Plus one of the following:

- Financial Management for Engineered Assets
- Leading in Contemporary Organisations

ELECTRICAL POWER ENGINEERING

The program is focused on current technologies and challenges faced by engineers working in the field of electrical power engineering. The course modules have been selected from areas key to the Australian electricity transmission and distribution industry ensuring you receive up-to-date industry-specific education.

Master of Electrical Power Engineering

CRICOS	Not applicable
DURATION	2 years part-time (48 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
ENTRY REQUIREMENTS	A recognised four-year Bachelor of Engineering degree specialising in electrical engineering with an equivalent average mark of 60%.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

Course structure

Students will study eight subjects from the following:

- Overhead and Underground Line Design and Construction
- Power Quality
- Power System Stability
- Electrical Safety
- Distribution System Reliability
- Renewable and Embedded Generation
- High Voltage Engineering
- Distribution Network Planning
- Electricity Market Structures and Demand Side Integration
- Power Systems Earthing
- Power System Protection and Communication
- Substation Design

Graduate Certificate in Electrical Power Engineering

CRICOS	Not applicable
DURATION	1 year part-time (24 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
ENTRY REQUIREMENTS	A recognised four-year Bachelor of Engineering degree specialising in electrical engineering with an equivalent average mark of 60%.
IELTS	Overall 6 (R:6, W:6, L:6, S:6)

Course structure

Students will study four subjects from the above list.

Health and Medicine

uow.info/health&medicine

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



WHY STUDY HEALTH AND MEDICINE

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

WORLD-CLASS HEALTH AND MEDICINE

UOW ranked among the top 100 universities in the world for Nursing and top 300 for medicine in the 2019 QS World University Rankings by Subject.

Doctor of Medicine

CRICOS	089196C
DURATION	4 years (full-time study)
STARTS	January
LOCATION	 Wollongong and  Shoalhaven
ENTRY REQUIREMENTS	<ul style="list-style-type: none">– Completed recognised 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 with a minimum overall MCAT score of 495, and a minimum score of 123 in each sub-section. Applicants with results slightly under these MCAT scores are still encouraged to apply as an overall decision will be made based on the strength of all aspects of their application. GAMSAT and MCAT exam results should not be over two years’ old at time of application.– Competitive UOW GM admission portfolio demonstrating personal attributes.– Strong performance at structured interview.
IELTS	Overall 7.0 (R:7.0, W:7.0, L:7.0, S:7.0)

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

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

Course structure

The UOW Doctor of Medicine 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 learning and an additional 20–30 hours of self-directed teaching and learning experiences each week. As the course progresses, the clinical exposure increases. By the fourth phase the face-to-face requirement resembles full-time clinical work.

The degree is organised into four themes of curriculum content:

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


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

Professional recognition

UOW’s medical program is accredited by the Australian Medical Council (AMC), which means that graduates of the course are eligible for registration as a medical practitioner. Upon completion of the Doctor of Medicine 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 Doctor of Medicine 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

CRICOS	083831G
DURATION	1.5 years (72 cp)
STARTS	Session 1 (Feb)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	<ul style="list-style-type: none">– 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 three referee 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 will allow you to upgrade your undergraduate exercise science qualifications so that you can work with individuals with disease and injury in the broader community. Clinical exercise physiology is an area of allied health that is specifically concerned with using exercise to restore good health and physical capability to people after illness or injury, or to improve the quality of life and manage physical function in people with chronic disease and physical disabilities.

This degree includes advanced clinical training for work as an exercise physiologist. As part of the course you will undertake 360 hours of clinical workplace experience. This will ensure that you will be work-ready for industry practice in both public and private facilities with a clinical focus.


Course structure

- YEAR 1**
- Clinical Exercise Physiology
 - Clinical Practicum
 - Advanced Workplace Injury Management for Exercise Physiologists
- YEAR 2**
- Four six-credit-point electives from postgraduate subjects in Business and/or Work Health & Safety

Professional recognition

This course is accredited with Exercise and Sports Science Australia (ESSA). Graduates of the Master of Clinical Exercise Physiology are eligible to apply for accreditation as Exercise Physiologists with ESSA.

Master of Nutrition and Dietetics

CRICOS	007054G
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	<p>A Bachelor degree of at least three years’ duration from a recognised tertiary institution is required for entry. The degree must include content in human biosciences, food and nutrition, taught in an evidence-based paradigm. Human biosciences and food and nutrition science must include:</p> <ul style="list-style-type: none">– Chemistry (0.25 EFTSL) followed by Biochemistry (0.25 EFTSL – typically two subjects at second year level or higher and must include metabolic biochemistry and laboratory practicals);– Human Biology (0.25 EFTSL) followed by Human Physiology (0.25 EFTSL – typically two subjects at second year level or higher and must include systems physiology and laboratory practicals);– Nutrition science scaffolded across the course of study (0.5 EFTSL – typically four subjects at different year levels across the degree); and– Statistics – preferably biostatistics. <p>Applicants must also provide two referee reports, a Supplementary Information form and a personal statement. Applications must be received by 30 September.</p>
IELTS	Overall 6.5 (R:6.5, W:6.5, L:6.5, S:6.5)

Nutritionists are scientists who attain, maintain and promote the health of the public through nutrition research, communication of nutrition information or public health forums. Dietitians are specialist nutritionists who, in addition to these research and public health roles, are accredited to work with individuals and groups to help improve their health outcomes and quality of life. This occurs in settings such as the community, hospitals, private practice, research and food service.

You will undertake clinical experience in general and specialist hospitals in local, regional and rural areas, as well as in a variety of community and industry settings.

The 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. These skills can then be applied to all areas of practice, including clinical dietetics in hospitals and private practice, community and public health nutrition, food service systems management and research.


Course structure

- YEAR 1**
- Community and Public Health Nutrition
 - Dietetics Care 1 & 2
 - Food Service and Dietetics Management
 - Nutrition and Food Innovation
 - Research in Human Nutrition
- YEAR 2**
- Nutrition in Practice
 - Practical Studies in Nutrition and Dietetics
 - Research Project in Nutrition and Dietetics

Professional recognition

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

Master of Nursing

CRICOS	083832F
DURATION	1.5 years (72 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
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 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. The following specialisations are available:

LEADERSHIP

The Leadership specialisation is designed to enable registered nurses to develop their transformative leadership and management style. Each of the subjects in this specialisation support students to gain an in-depth understanding of leadership and management that will assist with practice in a management or leadership position. With a strong focus on reflective and other evidence-based theory, students will be provided with a wide range of opportunities to develop their knowledge, skills and experiences that align with person centred principles and values.

PERSON CENTRED PRACTICE

The Person Centred Practice specialisation provides students with an opportunity to look at person centred practice from a theory and practice perspective. The theoretical constructs of the program are based on the Person Centred Practice Framework, work undertaken by McCormack & McCance (2017). The key concepts and principles of person centeredness are found throughout the Master's curriculum, such as valuing the individual, respect for one another, supporting autonomy, providing dignified care experiences and creating safe and caring environments. Each of the subjects in this specialisation support students to gain an in-depth understanding of person centred practice from the perspective of the patient and their family, healthcare staff and the organisation and how this plays out in reality. It further enables students to develop and apply skills and knowledge in facilitating, leading and evaluating person centred practice and change within the micro, mezzo and macro levels of the healthcare system.

MENTAL HEALTH

The Mental Health specialisation addresses the priorities established in the National Mental Health Plan, namely: mental health promotion and prevention; partnership; and quality and effectiveness of service delivery. This specialisation involves the core concepts of mental health, including recent developments and understanding the concepts and perspectives associated with Mental Health Nursing.

DEMENTIA CARE

The Dementia Care specialisation is a clinically focused program that prepares registered nurses for advanced practice in the specialist field of dementia. Each of the subjects in this specialisation will support students in developing the knowledge and skills to manage the health and wellbeing of individuals living with a dementia. Furthermore, students will develop skills to critically review social policy in dementia care, and develop advocacy skills to work with users, carers and colleagues in the health, social care and voluntary sectors.

PRIMARY HEALTHCARE

The Primary Healthcare Specialisation is designed for registered nurses who work or aspire to work in primary health care settings, including general practice, schools, community, refugee health and correctional facilities. Students will study the context and delivery of primary care in Australia, the delivery of primary care services, clinical excellence, as well as best practice principles in the provision of primary health care. This specialisation has been developed in association with Primary Health Care Organisations and primary care professionals both nationally and internationally and has a strong emphasis on clinical skills development and leadership within general practice.

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


Course structure

Students will study the following core subjects:

- Reflection For Practice
- Legal and Professional Issues
- Essential Skills for Health Researchers
- Promoting Clinical Excellence
- Clinical Judgement and Reasoning
- Developments in Nursing Care
- Minor project

Plus 24 credit points selected from their chosen major.

Master of Nursing (Mental Health)

CRICOS	083835C
DURATION	1.5 years (72 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
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)

Current clinicians or recent Bachelor of Nursing graduates will gain a competitive advantage in the job market by completing a postgraduate qualification in mental health. Students can update their knowledge with contemporary studies in mental health to enhance their career prospects.



The Master of Nursing (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.

Course structure

Students will complete the following subjects:

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

Master of Nursing International

CRICOS	089204G
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION:	 Wollongong and  South Western Sydney
ENTRY REQUIREMENTS	Recognised Bachelor degree in Nursing, or a recognised Graduate Certificate in Nursing.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

International students with a recognised Bachelor degree in Nursing can accelerate their career progression by undertaking the Master of Nursing International. This is a two-year degree that is designed to prepare nurses for professional roles in the health care system and assists students to develop knowledge relevant to the Australian healthcare system. The course is designed to build upon the academic strengths of the UOW School of Nursing, including primary health, mental health, aged and dementia care, clinical excellence and research principles and methods. These topics will facilitate development of knowledge that allows for a seamless transition into professional roles in the health care system. The course is delivered via face to face teaching and online learning activities. It also features intensive face-to-face workshops, which are delivered on-campus each semester. Please note completion of this course does not lead to eligibility to apply for registration as a nurse in Australia.

Course structure

Students will study the following subjects:

- Fundamentals of Nursing Communication
- Evidence into Practice
- Legal and Professional Issues
- Reflection For Practice
- Developments in Nursing Care
- Effective Leadership in Health
- Tools for Practice Development
- Facilitation and Education Skills for Practice Development
- Promoting Clinical Excellence
- Psychoactive Substance and Mental Health
- Policy and Practice in the Care of Older People
- Clinical judgement and reasoning
- Minor project
- Community Development Nursing: Theory and Practice

Graduate Certificate in Nursing

CRICOS	065469C
DURATION	6 months (24 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
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.


This course will allow students to develop their knowledge and skills required for advanced practice.

Course structure

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

CRICOS	083843C
DURATION	1 year
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
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 Diploma in Mental Health Nursing 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 degree addresses the priorities established in the National Mental Health Plan, namely: mental health promotion and prevention; partnership; and quality and effectiveness of service delivery.

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

Course structure

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

Graduate Certificate in Strength and Conditioning

CRICOS	Online only
DURATION	1 year part-time
STARTS	Session 1 (Feb)
LOCATION	Online
ENTRY REQUIREMENTS	Level 3 or Level 4 qualifications in a related area ie Fitness, Coaching, Strength and Conditioning. Bachelor degree in Exercise Science (or related field) from a recognised tertiary institution.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

Strength and conditioning science is the study of how the human body can adapt to various training modalities such as strength, power, speed, interval or endurance over time. The degree will broaden the employment scope for those working in the field of strength and conditioning where qualifications are increasingly essential.

The Graduate Certificate is also suitable for those people who wish to enter the strength and conditioning industry or for current fitness leaders and personal trainers who want to broaden, advance and future-proof their career.

You will learn about the fundamental scientific principles of strength and conditioning for athletic populations, including applied strength anatomy, physiological adaptations to training and neuromechanics of athletic foundation movements. You will also learn the principles of programming for strength and conditioning across the lifespan of various athletic populations and how to communicate this with a range of stakeholders. In the final subject you will integrate and apply the knowledge and skills you have gained in the earlier subjects to authentic activities, which have real-world relevance and application for strength and conditioning coaches.

Course structure


Students will study the following subjects:

- Scientific Principles of Strength and Conditioning
- Prescribing Current, Evidence-based Strength and Conditioning Program
- Professional Application of Knowledge-based Strength & Conditioning

Professional Recognition

The Graduate Certificate is currently in the final stages of preparation for submission to the following governing bodies for recognition: Australian Strength and Conditioning Association (ASCA) and National Strength and Conditioning Association (NSCA)

Master of Science (Person Centred Dementia Care)


CRICOS	084856A
DURATION	1.5 years (72 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong and Online
ENTRY REQUIREMENTS	Recognised Bachelor degree in a health-related discipline, or equivalent.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

A postgraduate Master of Science qualification specialising in Person Centred Dementia Care gives students a competitive advantage in the job market and provides mid-career clinicians the opportunity to update their knowledge through contemporary studies in their chosen area of specialisation. Leadership and research skills gained in the Master of Science prepares students for career progression into senior clinical, management, teaching, and research roles. Graduate roles from this course include Clinical Nurse Consultants, Medical Practitioners, Occupational Therapists, Physiotherapists, Registered Nurses, Social Workers, family carers, and various other roles in aged and dementia care. The qualification offers two specialisations: Leadership in Gerontology and Rehabilitation and Person Centred Dementia Care.

Course structure

- 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 two six-credit-point electives from Nursing subjects

Master of Science (Leadership in Gerontology and Rehabilitation Studies)

CRICOS	083836B
DURATION	1.5 years (72 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong and Online
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)

Leadership and research skills gained in the Master of Science (Gerontology and Rehabilitation Studies) prepares you for career progression into senior clinical, management, teaching, and research roles. Graduates from this course are clinical nurse consultants, aspiring clinical nurse consultants, family carers, medical practitioners, occupational therapists, physiotherapists, registered nurses, social workers, volunteers and others in aged and dementia care.

The Master of Science (Gerontology and Rehabilitation Studies) is designed to provide opportunities for clinicians working with older people or clients with rehabilitation needs.

You will be 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.

Course structure

- Students will complete the following subjects:
- Essential Skills for Health Researchers
 - Critical Appraisal
 - Reflection For Practice
 - Facilitation and Education Skills for Practice Development
 - Dementia Care Across Settings
 - Policy and Practice in the Care of Older People
 - Rehabilitation: Concepts and Practice
 - Advancements in Dementia Care
- Plus one of the following options:
- Major project (24 cp); or
 - Minor project (12 cp) and two six-credit-point electives from Nursing subjects.

ADDITIONAL REQUIREMENT FOR SELECTED COURSES IN HEALTH AND MEDICINE

The Ministry of NSW Health requires all students undertaking clinical placement in a NSW Health facility to comply with PD2016_047 Employment Checks, Criminal Record Checks, Working With Children Checks, and PD2011_005 Occupational Assessment, and screening and vaccination against specified infectious diseases prior to placement.

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

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

Information and Communication Technology

uow.info/ICT

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

WHY STUDY INFORMATION AND COMMUNICATION TECHNOLOGY


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

WORLD-CLASS INFORMATION AND COMMUNICATION TECHNOLOGY

UOW ranked 91st in the world and 6th in Australia for Engineering and Technology in the 2020 Times Higher Education (THE) World University Rankings by Subject.

UOW also ranked among the top 250 universities in the world for Computer Science & Information Systems in the 2019 QS World University Rankings by Subject.

Graduate Certificate in Computing

CRICOS	094751E
DURATION	6 months (24 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	A recognised Bachelor degree or a tertiary academic qualification with duration of at least 3 years full-time equivalent. Applicants with other qualifications and substantial relevant professional experience may be considered.
IELTS	Overall 6.0 (R:6, W:6, L:6, S:6)

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

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

Course structure

- One core subject:
- IT Project Management
- Plus a range of other subjects, including:
- Advanced Programming
 - Programming with Python
 - Data Management and Security
 - Human Computer Interaction
 - System Security
 - Data Mining and Knowledge Discovery
 - eBusiness Technologies

Master of Computer Science

CRICOS	083839K
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong and  South Western Sydney campus
ENTRY REQUIREMENTS	Recognised Bachelor degree with an equivalent average mark of 60% in any area. Applicants with other qualifications and substantial relevant professional experience may be considered.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

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

Course structure

Four foundation subjects (24 cp):

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

And one of the following subjects (6 cp):

- Database Systems
- Systems Security
- Human Computer Interaction

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

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

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

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

Specialisations

INTELLIGENT SYSTEMS

- Computational Intelligence
- Perception and Planning
- Reasoning and Learning

MACHINE LEARNING AND BIG DATA

- Machine Learning Algorithms and Applications
- Big Data Analytics
- Computer Vision Algorithms and Systems

NETWORK AND INFORMATION SECURITY

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


SOFTWARE ENGINEERING

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

Professional recognition

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

Master of Health Informatics

CRICOS	083828B
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	Recognised Bachelor degree with an equivalent average mark of 60% in an area related to either information technology or health.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

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

Course structure

Five core subjects (30 cp):

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

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

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

- Business Process Management
- System Analysis
- Programming with Python
- Data Management and Security

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


- Social Determinants of Health I
- Health Promotion 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 and Communication Technology Advanced

CRICOS	067074F
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	Recognised Bachelor degree majoring in information systems, information technology, computer science or a related area, and a minimum of two years of professional ICT experience at SFIA level four (job titles such as network administrator, web developer, business analyst, software engineer and systems analyst). A detailed description of your professional experience endorsed by a current or former employer, must be provided in the application.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

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

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

Course structure

YEAR 1

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

YEAR 2

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

Plus one of the following 12 cp subjects:

- Information Technology Research Report
- Professional Practice and Research Project


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

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

Professional recognition

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

Master of Information Technology

CRICOS	083840F
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	Recognised Bachelor degree with an equivalent average mark of 60% in any area. Applicants with other qualifications and substantial relevant professional experience may be considered.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

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

Course structure

Core subjects (36 cp):

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

Plus:

- Professional Practice and Research Project (12 cp); or
- IT Research Project (12 cp)

Specialisations

You can then either complete:

- A specialisation consisting of four subjects (24 cp) and four electives (24 cp) from the approved schedule, of which at least two subjects should be from the Advanced MIT Graduate Subjects List; or
- Graduate without a specialisation by completing eight electives (48 cp) from the approved schedule, of which at least two subjects should be from the Advanced MIT Graduate Subjects List.

ENTERPRISE NETWORKING

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

INFORMATION SYSTEMS DEVELOPMENT

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

IT STRATEGIC MANAGEMENT

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

MIT GRADUATE SUBJECTS

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

MIT ADVANCED GRADUATE SUBJECTS

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

Professional recognition

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

Mathematics and Statistics

uow.info/maths&stats

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



WHY STUDY MATHEMATICS AND STATISTICS

- UOW’s National Institute for Applied Statistics Research Australia (NIASRA) is at the forefront of innovative statistical methods, including NASA funded research to map CO2 emissions.
- The Excellence in Research Australia ranking classifies the UOW School of Mathematics and Applied Statistics ‘above world standard’.
- Learn from some of the best mathematics teachers in Australia, with many of our staff having won national awards for teaching excellence.
- Receive strong support from the Women in STEM (Science, Technology, Engineering and Mathematics) Student Society.

WORLD-CLASS MATHEMATICS AND STATISTICS

UOW ranked in the top 300 universities in the world for Mathematics in 2019 QS World University Rankings by Subject.

Master of Financial Mathematics

CRICOS	083829A
DURATION	2 years (1 – 1.5 years with credit)* (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
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). Overall 6.5 (R:6, W:6, L:6, S:6)
IELTS	

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

Course structure

YEAR 1

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

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

YEAR 2



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

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

Professional recognition

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

Master of Mathematics

CRICOS	084776A
DURATION	2 years (1 – 1.5 years with credit)* (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	Recognised Bachelor degree with at least one year of mathematics or statistics and an equivalent average mark of 60%.
CREDIT 	*Applicants with a Bachelor in mathematics or statistics may apply for credit for 24 cp (one session). Applicants with a Bachelor Honours degree in mathematics or statistics may apply for credit for 48 cp (1 year).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

This program is designed to consolidate and expand the mathematics knowledge gained by a student in an undergraduate program and to develop skills in undertaking mathematical research projects, and provides students with preparation for further postgraduate research, or a career as a mathematician in business or government.

Course structure



Students study Preparation and Foundations subjects, plus elective subjects from the School of Mathematics and Statistics. Students will choose a program of study that suits their entry level, with a major in either:

- Applied Mathematics
- Pure Mathematics

Research project potential topics include C*-Algebras, Solutions to Differential Equations by One-Parameter Groups, Non-linear Differential Equations, Algebraic Number Theory.

The program also allows subjects to be taken from other disciplines, recognising that mathematicians in a work environment are often involved in management and specific subject matter issues.

Master of Statistics

CRICOS	083830G
DURATION	2 years (1 – 1.5 years with credit)* (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	Recognised Bachelor degree with at least one year of statistics and an equivalent average mark of 60% (or) recognised Bachelor degree with at least one year of mathematics, engineering or similar and an equivalent average mark of 75%.
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). Overall 6.5 (R:6, W:6, L:6, S:6)
IELTS	

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.

Occupational Health and Safety

uow.info/OHS

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


WHY STUDY OCCUPATIONAL HEALTH AND SAFETY

- UOW is one of the only universities in Australia to offer a Master of Occupational Hygiene
- You will learn to protect and promote physical, mental and social well-being of workers in all workplace settings.
- UOW provide a systematic approach to control risks and practical means to address occupational health issues
- Students can engage in high quality research to find clever solutions addressing regional and global health and safety challenges and emerging risks
- You can choose from flexible study options so that you can balance work, home-life and study.
- UOW produce graduates who are industry ready for a profession in demand in the market place
- Our professional programs are accredited with national and international organisations


WORLD-CLASS OCCUPATIONAL HEALTH AND SAFETY

In the 2020 Times Higher Education World University Rankings by Subject, UOW rated among the top 250 universities for Social Sciences.


Master of Occupational Health and Safety Extension

CRICOS	0100649
DURATION	2 years (96cp)
STARTS	Session 1 (March), Session 2 (Jul)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	A recognised 3-year Bachelor degree; a Master of Occupational Health and Safety; a Graduate Diploma in Occupational Health and Safety; or either a Graduate Certificate in Occupational Health and Safety or Graduate Certificate in Occupational Hygiene with a WAM of at least 65. 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 Occupational Health and Safety

CRICOS	0100650
DURATION	1.5 years (72 cp)
STARTS	Session 1 (March)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	A recognised 3-year Bachelor degree; a Graduate Diploma in Occupational Health and Safety; or either a Graduate Certificate in Occupational Health and Safety or Graduate Certificate in Occupational Hygiene with a WAM of at least 65. Applicants with other relevant qualifications and/or work experience may be considered.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

Graduate Diploma in Occupational Health and Safety

CRICOS	0100651
DURATION	1 year (48 cp)
STARTS	Session 1 (March),
LOCATION	 Wollongong
ENTRY REQUIREMENTS	A recognised 3-year Bachelor degree; or either a Graduate Certificate in Occupational Health and Safety or Graduate Certificate in Occupational Hygiene with a WAM of at least 65. Applicants with other relevant qualifications and/or work experience may be considered.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

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

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

Course structure

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

- Advanced WHS Risk Management
- Ergonomic Essentials
- Applied Human Factors and Ergonomics
- Industrial Epidemiology & Toxicology
- Occupational Health and Safety Systems
- Work Health and Safety Law
- Workplace Hazards and Hygiene

Students in the Master of Occupational Health and Safety complete the core OHS subjects. In the final stage of the degree, you will apply your knowledge and skills to a research-based capstone workplace project. This will give you a high level of evidence-based professional practice in occupational health and safety, and allow application of those principles to a practical project.


Students in the Master of Occupational Health and Safety Extension program complete the same course structure as the Master of Occupational Health and Safety as well as one of the following specialisations:

- HEALTH PROMOTION***
- Academic Skills for Postgraduate Social Science
 - Introduction to Biostatistics
 - Health Promotion
 - Health Promotion Theories and Models

- OHS RESEARCH**
- Major project

* The Health Promotion specialisation must be taken by students commencing in Session 2 (July), unless a credit transfer (or RPL) has been awarded.

Master of Occupational Hygiene

CRICOS	0100652
DURATION	1.5 years (72 cp)
STARTS	Session 1 (March)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	A recognised 3-year 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)

The Master of Occupational Hygiene uses science and engineering to measure the extent of worker exposure to physical, chemical and biological workplace hazards.

Using science and engineering you will design and implement appropriate control strategies to prevent ill health caused by the working environment.

The Master of Occupational Hygiene will provide you with an intensive professional program of study in the area of occupational health and safety. It will equip you to anticipate, recognise, evaluate and control the risks from workplace physical, chemical and biological hazards; and communicate these to employers and employees to promote improved working conditions and practices.

Professional recognition

The Master of Occupational Hygiene is accredited by The Australian Institute of Occupational Hygienists (AIOH). Accreditation is being sought from the British Occupational Hygiene Society (BOHS).

Re-accreditation is being sought from the Australian Occupational Health & Safety Educators Accreditation Board (AOHSEAB) and the Institution of Occupational Safety & Health (IOSH) of the UK for Master of Occupational Health and Safety, Master of Occupational Health and Safety Extension and Graduate Diploma in Occupational Health and Safety.

Ocean Law and Policy

uow.info/law

Become an expert in your chosen area of ocean law, maritime security and marine resource management. Make a difference for people and the environment at a national, regional and global level. Our programs are challenging and professionally relevant, to support you in becoming a leader in your field.

WHY STUDY OCEAN LAW AND POLICY

- We offer online programs through our research centre, the Australian National Centre for Ocean Resources and Security (ANCORS), for students interested in ocean policy and law. ANCORS is Australia's only multidisciplinary university-based centre dedicated to research, education and training on ocean law, maritime security and natural marine resource management.
- If you're considering a higher research degree, our Doctor of Philosophy will allow you to pursue in-depth research within the broad field of maritime law and policy. The ANCORS team has expertise in diverse topics such as the Blue Economy, maritime security, resource management and conservation in areas beyond national jurisdiction, ocean governance frameworks, sustainable development of fisheries and marine environmental protection.
- ANCORS collaborates with other researchers for UOW's Global Challenges Program to address real-world problems, such as climate change, food security and sustainable management of fisheries.
- Our Coursework programs are available to study on campus or online.
- Our programs have a practical focus and are designed for those working in ocean-related policy development, legal or maritime enforcement roles, as well as those involved in ocean industries.

WORLD-CLASS OCEAN LAW AND POLICY

UOW Law ranked 78th worldwide in the Times Higher Education World University Rankings by Subject 2020.

UOW also ranked among the top 200 universities in the world for Law in the 2019 QS World University Rankings by Subject.

Master of Fisheries Policy

CRICOS	068542G
DURATION	1 year (48 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)*
LOCATION	 Wollongong,  Innovation Campus or Online
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)


*Session 2 (Jul) commencements for online/distance students only.

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

Course structure

- The program comprises eight compulsory subjects of six credit points each:
- Foundations of Ocean Law and Policy
 - Law of the Sea
 - International Fisheries Law
 - Fisheries Management
 - Fisheries and Development
 - Integrated Monitoring, Control and Surveillance
 - International Fish Trade
 - Ocean Law and Policy Capstone

Master of Maritime Policy

CRICOS	017740B
DURATION	1 year (48 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)*
LOCATION	 Innovation Campus or Online
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)

*Session 2 (Jul) commencements for online/distance students only.

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:
- Foundations in Ocean Law and Policy
 - Law of the Sea
 - Maritime Regulation and Enforcement
 - Ocean Law and Policy Capstone
- Together with 24 credit points from the list below:
- Strategy and Sea Power
 - Legal Regulation of Shipping
 - Comparative Oceans Policy
 - Maritime Security Law and Policy
 - Contemporary Maritime Issues in the Asia-Pacific Region
 - International Marine Environmental Law
 - Selected Topic in Maritime Studies
 - Research Project in Maritime Studies
 - Minor Thesis in Maritime Studies
 - Integrated Marine and Coastal Management
 - International Fisheries Law
 - Fisheries Management
 - Fisheries and Development
 - Integrated Monitoring, Control and Surveillance
 - International Fish Trade
 - Social Dimensions of Fisheries Management and Policy
 - Governance of Coastal Fisheries

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** for advice as to whether the course is suitable for your professional development.

Graduate Certificate in Maritime Studies

CRICOS	080831J
DURATION	6 months
STARTS	Session 1 (Feb), Session 2 (Jul)*
LOCATION	 Innovation Campus or Online
ENTRY REQUIREMENTS	Recognised Bachelor degree or equivalent; or an appropriate professional background.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

*Session 2 (Jul) commencements for online/distance students only.

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

- Master of Maritime Policy
- Master of Fisheries Policy

Course structure

- Compulsory subjects:
- Foundations of Ocean Law and Policy
 - Law of the Sea
- Together with 12 credit points from the list below:
- Strategy and Sea Power
 - Maritime Regulation and Enforcement
 - Legal Regulation of Shipping
 - Comparative Oceans Policy
 - Maritime Security Law and Policy
 - Contemporary Maritime Issues in the Asia-Pacific Region
 - International Marine Environmental Law
 - Selected Topic in Maritime Studies
 - Research Project in Maritime Studies
 - Minor Thesis in Maritime Studies
 - Integrated Marine and Coastal Management
 - International Fisheries Law
 - Fisheries Management
 - Fisheries and Development
 - Integrated Monitoring, Control and Surveillance
 - International Fish Trade
 - Social dimensions of fisheries management and policy
 - Governance of coastal fisheries

BACHELOR OF LAWS (GRADUATE ENTRY)

The Graduate Entry law degree is a three-year program consisting of law subjects with an extensive range of electives. This degree is available to graduates of law degrees from outside Australia and is offered at campuses in Sydney CBD, Wollongong and South Western Sydney (CRICOS 094206G).

If you are considering this course please contact **futurestudents@uow.edu.au** for advice as to whether the course is suitable for your professional development.

Physics

uow.info/physics

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



WHY STUDY PHYSICS

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

WORLD-CLASS PHYSICS

UOW ranked in the 151-175 band worldwide for Physical Sciences in the Times Higher Education World University Rankings 2020.

Master of Science (Medical Radiation Physics)

CRICOS	067176M
DURATION	2 years (1 year with credit)* (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	Recognised Bachelor degree in physics or medicine (extensive mathematics or physics subjects) with an equivalent average mark of 65%.
CREDIT 	*Applicants with a Bachelor Honours degree in physics may apply for credit for 48 cp (1 year).
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

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

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

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

Course structure

- The Master’s program comprises 14 Coursework subjects and an applied research project.
- Advanced Modern Physics
 - Detection of Radiation
 - Differential Equations 2
 - Electromagnetism
 - Electromagnetism and Optoelectronics
 - Human Structure and Function
 - Medical Imaging
 - Multivariate and Vector Calculus
 - Nuclear Medicine
 - Nuclear Physics
 - Physics of Radiotherapy
 - Quantum Mechanics
 - Radiation Physics
 - Radiobiology and Radiation Protection
 - Research Project

Professional recognition

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

Psychology

uow.info/psychology

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


WHY STUDY PSYCHOLOGY

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

WORLD-CLASS PSYCHOLOGY

UOW is ranked among the top 250 universities in the world for Psychology in the 2019 QS World University Rankings by Subject.

Master of Psychology (Clinical)

CRICOS	027467J
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	Four-year Honours degree in Psychology of at least Class II Division 1 or equivalent. Applicants must have their qualifications assessed by the Australian Psychological Society (APS) for equivalence and provide this evidence in their application. See psychology.org.au/membership/qualifications
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 a combination of lectures, workshops, skills training and work-based practicum learning, both at the University’s psychology 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

uow.info/publichealth

Increase your capacity to improve the health of societies all over the world with postgraduate study in Public Health. UOW offers a wide range of specialisations, so you can tailor your learning to meet your career goals. You will have the opportunity to work with communities and populations to improve health outcomes, and contribute to an equitable, healthy and sustainable global community.

WHY STUDY PUBLIC HEALTH

- UOW Public Health degrees are flexibly designed, providing you with the skills and knowledge to define, critically assess and resolve a variety of public health issues within a community.
- You can choose from a range of specialisations, allowing you to tailor your learning to your career goals.
- UOW researchers are leaders in their field in Australia and internationally.
- You’ll benefit from practical career building and professional networking opportunities through our public health projects, supervised independent projects, and research seminar series.
- Our degrees are accredited by the professional associations that matter. See individual course descriptions for more detail.

WORLD-CLASS PUBLIC HEALTH



UOW is ranked equal 217th in the world for Social Sciences and Management in QS World University Rankings by Subject 2019.

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.

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 Public Health

CRICOS	084771F
DURATION	1.5 years (1 year with credit)* (72 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong and Online
ENTRY REQUIREMENTS	A Bachelor degree from any discipline.
CREDIT 	*Applicants with the following qualifications may be admitted to the Master of Public Health with advanced standing of 24 credit points, enabling completion of the course with one year equivalent full-time study: <ul style="list-style-type: none">– Honours Bachelor degree in Public Health or a related discipline;– A UOW Graduate Certificate in Public Health;– A UOW Graduate Certificate in Health Promotion, or– Bachelor degree with a minimum of two years’ relevant work experience. Credit for specific subjects will be granted following consultation with the Academic Programme Director.
IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)

Course structure

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

Core subjects, worth six cp each include:

- Academic Skills for Postgraduate Social Science Students
- Independent Study
- Introduction to Biostatistics
- Introduction to Epidemiology
- Health in all Policies
- Health Research Methodology II
- Health Promotion
- Social Complexities and Health

Plus choose one from the following three specialisations:

HEALTH PROMOTION

- Health Promotion Theories and Models
- Project Planning and Evaluation
- Public Health Communication.

FOOD AND HEALTH

- Food and Health


Plus at least two of the following:

- Monitoring and Shaping Food Systems
- Sociology of Food and Nutrition
- The Future of Food Advanced

PUBLIC HEALTH RESEARCH

- Advanced Epidemiology
- Independent Study
- Qualitative Research Skills

Master of Public Health Extension

CRICOS	0100648
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong and Online
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)

Course structure

Students in the Master of Public Health Extension (96 cp program) complete the same 72 cp Master of Public Health structure, plus a second specialisation worth an additional 24 cp.

Specialisation options include a second specialisation from those available in the Master of Public Health, or one of the following:

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

OCCUPATIONAL HEALTH AND SAFETY

Complete the following four (6 cp) subjects:

- Ergonomic Essentials
- Occupational Health and Safety Systems
- WHS Risk Management
- Workplace Hazards and Hygiene

Please note: If you wish to enrol in the Public Health Research specialisation, you will require the approval of the Academic Program Director. You will be required to complete all core subjects and achieve a minimum Distinction grade (75% of more) in HAS 945 and HAS 947.

Science

uow.info/science

Postgraduate Science at UOW teaches you knowledge and skills for your specialist career. Choose one of three pathways to focus on, including discipline-specific technical skills, management opportunities or participate in world-class research.

WHY STUDY SCIENCE


- Learn the most current knowledge direct from leading researchers who are keen to pass on their passion for science.
- Help make ground-breaking discoveries working alongside our scientists in areas such as medical biotechnology, climate change, anti-cancer drugs and biodiversity.
- A new \$80 million research facility, Molecular Horizons, a purpose-built collaborative research centre equipped with world-leading technologies. This includes the Titan Krios cryo-electron microscope, the world’s most powerful and flexible high-resolution electron microscope for biological research.
- Our Wollongong campus location offers a range of landscapes that are ideal for fieldwork, including coastal, freshwater, bushland and geologically diverse environments, right on our doorstep.
- Benefit from our close relationships with industrial and governmental organisations, including:
 - Australian Nuclear Science and Technology Organisation (ANSTO)
 - Commonwealth Science and Industrial Research Organisation (CSIRO)
 - Australian Synchrotron

WORLD-CLASS SCIENCE

UOW is ranked among the top 100 universities in the world for Materials Science, top 150 for Earth & Marine Sciences and top 200 for Chemistry and Environmental Science in the 2019 QS World University Rankings by Subject.

UOW ranked 39th in the world for Energy Science in the Academic Ranking of World Universities (ARWU) 2019 by subject.

Master of Conservation Biology

CRICOS	097267D
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
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 or equivalent.
IELTS	Overall 6.5 (R: 6.0 W: 6.0 L: 6.0 S: 6.0)


The Master of Conservation Biology is designed for students who seek further knowledge and skills in the biological sciences, or seek to qualify for a postgraduate research degree.

This degree is designed through the lens of global perspectives in science where students will also be exposed to emerging technologies, such as the use of drones, artificial intelligence (AI), coding and virtual reality (Google VR) in science data collection and analysis during their first year core subjects.

Areas covered include conservation biology, ecological and evolutionary physiology, marine and terrestrial ecology, and fisheries and aquaculture. Additional preparatory subjects focus on laboratory work and science communication skills.

The Master of Conservation Biology is a unique course as it provides students with the opportunity to not only extend their technical knowledge but also use it to determine their competency in the specific discipline before they choose one of the three possible pathways (research, technical or management).

Master of Earth and Environmental Sciences

CRICOS	097266E
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	A Bachelor degree that includes foundational subjects relevant to this degree or equivalent.
IELTS	Overall 6.5 (R: 6.0 W: 6.0 L: 6.0 S: 6.0)

The Master of Earth and Environmental Sciences 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.


This degree is designed through the lens of global perspectives in science where students will also be exposed to emerging technologies, such as the use of drones, artificial intelligence (AI), coding and virtual reality (Google VR) in science data collection and analysis during their first year core subjects.

The degree emphasises the interconnectedness of the many sub-disciplines within the Earth and Environmental Sciences where content will be explored through the common core first year subjects.

This degree is designed for graduates and professionals already practising aspects of earth and environmental sciences seeking additional analytical skills, and as a stepping stone for graduates intending to proceed to a higher degree by research, upon completion of the program.

Students with appropriate qualifications and laboratory skills will be awarded advanced standing for these preparatory subjects.

Master of Medical Biotechnology

CRICOS	097264G
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	A recognised Bachelor of Science degree that includes subjects in the areas of biochemistry, cell medical biology, molecular biology, microbiology, immunology or equivalent.
IELTS	Overall 6.5 (R: 6.0 W: 6.0 L: 6.0 S: 6.0)

The Master of Medical Biotechnology is designed for graduates who seek knowledge and technological expertise in specific areas of cell and molecular biology, which is the basis for modern biotechnological research and development. This degree integrates work-based skills to allow students to translate their skills into career-ready attributes.


This degree is designed through the lens of global perspectives in science where students will also be exposed to emerging technologies, such as the use of drones, artificial intelligence (AI), coding and virtual reality (Google VR) in science data collection and analysis during their first year core subjects.

Subjects give 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 medicine, agriculture and molecular biology.

Students with appropriate qualifications and laboratory skills will be awarded advanced standing for these preparatory subjects.

Tutorials and laboratory-based practical work is offered and students have the opportunity to explore new technology developed in the field of study. Additional preparatory subjects focus on laboratory work and science communication skills.

Master of Medicinal Chemistry

CRICOS	097263G
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
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 or equivalent.
IELTS	Overall 6.5 (R: 6.0 W: 6.0 L: 6.0 S: 6.0)

There is currently a high demand for graduates in medicinal chemistry. The Master of Medicinal Chemistry degree provides vocational training, together with specialised Coursework and a small research project.


This degree is designed through the lens of global perspectives in science where students will also be exposed to emerging technologies, such as the use of drones, artificial intelligence (AI), coding and virtual reality (Google VR) in science data collection and analysis during their first year core subjects.

Additional preparatory subjects focus on laboratory work and science communication skills. It provides an alternative career path to PhD studies or upskilling for industry.

Students with appropriate qualifications and laboratory skills will be awarded advanced standing for these preparatory subjects.

The program also integrates graduate work-based skills to allow students to translate their skills into career-ready attributes.

Master of Global Science and Management

CRICOS	097265F
DURATION	2 years (96 cp)
STARTS	Session 1 (Feb), Session 2 (Jul)
LOCATION	 Wollongong
ENTRY REQUIREMENTS	A recognised Bachelor degree in a discipline relevant to the intended specialisation with at least three third-year subjects in the discipline or equivalent.
IELTS	Overall 6.5 (R: 6.0 W: 6.0 L: 6.0 S: 6.0)

The Master of Global Science and Management is a two-year degree focusing on practical skills, laboratory work, science communication skills, career readiness and foundational research training. There is also opportunity to develop bespoke management knowledge and skills.

This degree is designed through the lens of global perspectives in science where students will also be exposed to emerging technologies, such as the use of drones, artificial intelligence (AI), coding and virtual reality (Google VR) in science data collection and analysis during their first year core subjects.

The Master of Global Science and Management is a unique course as it provides students an opportunity to not only extend their technical knowledge but also use it to determine their competency in the specific discipline before they choose one of the three possible pathways (research, technical or management).

Social Work

uow.info/socialwork

The core of social work is the improvement of social health and the psychological wellbeing of individuals and communities. Social workers achieve this by drawing on social work theory, practice experiences, interdisciplinary knowledge and interprofessional practice to enhance the capacity of people to address their own needs.




WHY STUDY SOCIAL WORK

- UOW social work courses actively provide practice-based learning and integration with theoretical learning in all practical subjects.
- You'll benefit from up-to-date technology and simulation labs.
- Professional experience is an integral part of our program with students undertaking 1,000 hours over two placements.
- It is provisionally accredited by the Australian Association of Social Workers (AASW), which is a qualification required by many employers.
- Students will engage with people and organisations within the Illawarra, Shoalhaven, and South Western Sydney regions to improve the services of the community, learn how to work collaboratively to achieve common goals, and appreciate the diversity and complexity of the region.

WORLD-CLASS SOCIAL WORK

UOW ranked equal 217th in the world for Social Sciences & Management in QS World University Rankings by Subject 2019.

Master of Social Work (Qualifying)

CRICOS	094540E
DURATION	2 years full-time or part-time equivalent
STARTS	Session 1 (Feb)  Wollongong and  South Western Sydney campus
	Session 2 (Jul)  South Western Sydney campus
ENTRY REQUIREMENTS	Applicants should have a Bachelor degree in social sciences, psychology, public health, education, nursing, or a related undergraduate qualification with at least one year of social science content (i.e. studies of the individual and society).
IELTS	Overall 7.0 (R:7.0, W: 7.0, L:7.0, S:7.0)

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

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

Accreditation & professional recognition

The Master of Social Work (Qualifying) is provisionally accredited by the Australian Association of Social Workers (AASW). It is an entry qualification into the social work profession and has been determined to meet the Australian Social Work Education and Accreditation Standards 2012 (ASWEAS). All graduates of this course have the same standing as graduates from all other AASW accredited courses and are eligible for membership of the AASW, which is required by many employers.

Graduates will also be required to meet AASW English language requirements for migration and/or employment purposes.

FIELD EDUCATION FOR PROFESSIONAL EXPERIENCE

All social work courses involve supervised professional practice in a variety of institutional and community settings, and may involve work with vulnerable and disadvantaged individuals and communities.

REQUIREMENTS FOR PROFESSIONAL PRACTICE

As part of learning professional practice and prior to supervised professional practice, students are expected to attend simulation laboratories where they will learn practical skills, practice methods and advanced practice skills.

Professional experience of 1,000 hours over two placements is compulsory and integrated into the last two years of the degree and will usually occur in the Illawarra, Shoalhaven, Southern Highlands and South Western Sydney area. During this experience, students are supervised by qualified social workers. Students must make themselves available for professional experience at the locations and times specified. It is an expectation that students who participate in these courses are capable of meeting the demands of travelling to and from professional experience locations. Some agencies require that students hold a driver's licence.

Many agencies in which students are placed require that individuals have a police check prior to supervised professional practice. This includes state and federal government agencies as well as organisations in the not-for-profit sector. The cost of the police check is to be borne by the student.

WORKING WITH CHILDREN CHECK (WWCC)

Under the Child Protection (Working with Children) Act 2012, and the Child Protection (Working with Children) Regulation 2013 students enrolled in UOW degrees where their studies require them to engage in activities that involve children or young people, may be required to complete a Volunteer/Student Declaration and/or to undergo a Working with Children Check (WWCC).

NSW HEALTH REQUIREMENTS

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

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

This criminal record clearance will be conducted by the NSW Police and/or the Australian Federal Police. Students are required to arrange for this check to be undertaken following enrolment, and the cost of the check will be their responsibility.

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

INHERENT REQUIREMENTS

There are inherent skills and abilities required to successfully complete this course. You can get information on these requirements at uow.info/edu/inherent-reqs

Research

As a research student at UOW, you will have direct access to academics who play a pivotal role in the latest research developments. 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; superconductors; biomolecular, physical and chemical sciences; sustainable building; innovative engineering; medical and clinical research; public health; preventative health and health services; medical radiation physics; ocean resources and security; early childhood development; 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.info/intnlHDR

Research scholarships

You may be eligible for a UOW HDR scholarship. See page 29 for details.

Types of research degrees

DOCTOR OF PHILOSOPHY (INTEGRATED) (4 YEARS)

The Doctor of Philosophy (Integrated) is a four-year research degree that integrates a traditional three-year PhD thesis with one year of Coursework subjects.

The Coursework is completed in the first year and helps candidates to improve their research skills while allowing additional time to develop a detailed research topic.

APPLICATION REQUIREMENTS FOR PHD (INTEGRATED)

Applicants should have a minimum of four years of study at degree level, either a four-year Bachelor degree, or a Bachelor degree plus Master's by Coursework, with a minimum credit average (65% or GPA 3.0 out of 4.0), or equivalent.

Applicants for the PhD (Integrated) do not need to submit a detailed research proposal or referees' reports. They should, however, provide a brief Supporting Statement of approximately 200 words outlining the broad area of intended future research and reason for wishing to enrol in a research program.

DOCTOR OF PHILOSOPHY (4 YEARS)

The UOW Doctor of Philosophy (PhD) is a four-year research-only program. Candidates' work must make an original contribution to the body of knowledge in a specific discipline.

Students are required to demonstrate their capability for independent research leading to the production of a written thesis of their research findings.

PROFESSIONAL DOCTORATES (4 YEARS)

These prepare professional leaders with research experience in their chosen area of study. Students usually undertake a thesis and approved study that may include specified Coursework and/or practical work and/or performance. UOW offers Professional Doctorates in the areas of public health, education, psychology and creative arts.

MASTER OF PHILOSOPHY (2 YEARS)

The standard duration of the Master of Philosophy is two years, comprising two-thirds research (72 cp) and one-third Coursework (24 cp). Advanced standing for some or the entire Coursework component may be granted to those who have completed a substantial piece of written research, for example in a Bachelor (Honours) or Master's by Coursework degree.

MASTER OF RESEARCH (2 YEARS)

The two-year Master of Research (MRes) training pathway program is comprised of advanced research training and a substantial research project to provide an internationally recognised entry qualification to doctoral programs.

Applicants for the Master of Research should discuss their research project with a potential supervisor at UOW.

APPLICATION REQUIREMENTS FOR PHD, PROFESSIONAL DOCTORATES AND MASTER OF PHILOSOPHY

Admission to a research degree normally requires the completion of a recognised four-year Bachelor (Honours) degree awarded at Class II, Division 2 or higher in a discipline relevant to the intended area of research. Completion of a Master's 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 80-81. You are encouraged to visit the staff web pages of each faculty to identify a potential supervisor who matches your area of research interest. UOW Scholars also lists profiles of academics available for supervision across our research areas: scholars.uow.edu.au

2. FIND A RESEARCH TOPIC

You must contact a potential supervisor of postgraduate studies or Head of Faculty Postgraduate Studies 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.info/HDR

You will need to develop and submit a clear research proposal with your application. This proposal must summarise the topic/field of research you would like to pursue, including your proposed methodology and motivations for wanting to undertake this research.

3. APPLY FOR ADMISSION

You can apply through an authorised UOW representative in your home country or directly to the University at apply.uow.edu.au

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
- 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.info/visitingresearch



“

I received a PhD scholarship from the Chinese Scholarship Council and UOW. My tuition fees are covered by UOW and my living expenses are covered by the Chinese Scholarship Council.

The scholarship gave me the opportunity to study overseas, to meet new friends from all over the world, and to live in a wonderful new environment. It has been of great benefit to me.

—
Qing Zhang

Doctor of Philosophy (Geology)
China



“

I really like the support I get from my supervisors here at UOW. I found two supervisors for my PhD who I really clicked with, in the same area that I was interested in researching. The experience has been really personalised. They've supervised a lot of PhD candidates, so they can recognise when I'm stressed and help me work through it.

—
Gayani Gunasekera

PhD Faculty of Business
Sri Lanka

Our research centres

UOW research groups and institutes are working towards solutions for complex, real-world problems. Visit the UOW Research website to learn more about our research strengths, potential areas for your research, and to find a potential supervisor.

uow.edu.au/research

Australian Institute for Innovative Materials

aiim.uow.edu.au

RESEARCH

- Australian Research Council Centre of Excellence for Electromaterials Science (ACES)
- Intelligent Polymer Research Institute (IPRI)
- Institute for Superconducting and Electronic Materials (ISEM)
- University of Wollongong Electron Microscopy Centre

Faculty of Business

business.uow.edu.au/research

RESEARCH

- Accounting
- Centre for Contemporary Australasian Business and Economics Studies
- Centre for Cross-Cultural Management
- Centre for Human & Social Capital Research
- Centre for Responsible Organisations and Practices
- Economics
- Finance
- Marketing
- Management
- Operations

RESEARCH COURSES AVAILABLE

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

APPLICATION REQUIREMENTS

Listed on pages 78 – 79.

IELTS	Overall 6.5 (R:6, W:6, L:6, S:6)
STARTS	Session 1 (Feb) and Session 2 (Jul)
CAMPUS	Wollongong Innovation Campus and Sydney CBD

Faculty of Engineering and Information Sciences

eis.uow.edu.au/research

RESEARCH

- Advanced Manufacturing Technologies (AMT)
- ARC Industrial Transformation Training Centre for Advanced Technologies in Rail Track Infrastructure (ITTC Rail)
- Asset Management and Systems Engineering Research Group (AMSEG)
- Australian Power Quality and Reliability Centre (APQRC)
- Australian Steel Research Hub
- Centre for Big Data Analytics and Intelligent Systems (BDAIS)
- Centre for Geomechanics and Railway Engineering (CGRE)
- Centre for Infrastructure Protection and Mining Safety (CIPMS)
- Centre for IT-enabled Transformation (CITT)
- Centre for Medical Radiation Physics (CMRP)
- Centre for Persuasive Technology and Society (CPTS)
- Centre for Signal and Information Processing (CSIP)
- Coastal Reservoir Research Centre (CRRC)
- Defence Materials Technology Centre (DMTC)
- Decision Systems Lab (DSL)
- Engineering and Mathematics Education Research Group (EMERG)
- Engineering Materials Research
- Institute for Mathematics and its Applications (IMIA)
- Institute of Cybersecurity and Cryptology (iC2)
- Mining Research Centre
- National Institute for Applied Statistical Research Australia (NIASRA)

- Signals, Information and Communications Research Institute (SICOM)
- Centre for Advanced Multimedia Research (CAMR)
- Centre for Emerging Networks and Applications (ENA)
- Signal Processing for Instrumentation and Communications Research Laboratory (SPICR)
- Wireless Technologies Laboratory (WTL)

ENTITIES

- Energy Pipelines CRC
- SMART Infrastructure Facility
- Sustainable Buildings Research Centre

RESEARCH COURSES AVAILABLE

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

APPLICATION REQUIREMENTS

Listed on pages 78 – 79.

IELTS	Overall 6.5 (R:6, W:6, L:6, S:6) for PhD, PhD Integrated, MRes, and MPhil
STARTS	Session 1 (Feb) and Session 2 (Jul)

Faculty of Law, Humanities and the Arts

lha.uow.edu.au/research

RESEARCH

- Animal Studies Research Network (ASRN)
- Australian National Centre for Ocean Resources and Security (ANCORS)
- Centre for Colonial and Settler Studies Network (CASS)
- Centre for Critical Creative Practice (C3P)
- Centre for Critical Human Rights Research (HRR)
- Centre for Texts, Cultures and Creative Industries (CTC)
- Contemporary Emotions Research (CERN)
- Creative Industries (CTC)
- Feminist Research Network (FRN)
- Interdisciplinary Discourse Analysis in Education, the Arts and Social Sciences (IDEAS)
- Legal Intersections Research Centre (LIRC)
- Material Ecologies Network (MECO)
- Narrative Practices Research Network (NPRN)

RESEARCH COURSES AVAILABLE

The PhD and MPhil programs are available across the range of study areas within the Faculty of Law, Humanities and the Arts. The PhD (Integrated) and MRes programs are available in a number of Humanities study areas. The Faculty also offers a professional Doctorate, the Doctor of Creative Arts.

APPLICATION REQUIREMENTS

Listed on pages 78 – 79. 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	Session 1 (Feb) and Session 2 (Jul)

Faculty of Science, Medicine and Health

smah.uow.edu.au/research

RESEARCH

- ARC Centre of Excellence for Australian Biodiversity and Heritage
- Biomechanics Research Laboratory
- Bushfire Risk Management Research Hub
- Cancer Drug Discovery Group
- Centre for Archaeological Science
- Centre for Atmospheric Chemistry
- Centre for Human & Applied Physiology
- Centre for Translational Neuroscience
- Centre for Medical and Molecular Bioscience
- Centre for Sustainable Ecosystem Solutions
- GeoQuEST Research Centre
- Health Impacts Research Cluster
- Illawarra and Southern Practice Research Network
- Lipid Research Centre
- Proteostasis and Disease Research Centre
- Smart Foods Centre
- Wollongong Isotype Geochronology Laboratory

ENTITIES

- Dementia Training Australia
- Illawarra Health and Medical Research Institute (IHMRI)
- Molecular Horizons

RESEARCH COURSES AVAILABLE

The PhD, PhD (Integrated), MPhil and MRes programs are offered across the range of study areas within the Faculty of Science, Medicine and Health.

APPLICATION REQUIREMENTS

Listed on pages 78 – 79.

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
STARTS	Session 1 (Feb) and Session 2 (Jul)

Faculty of Social Sciences

socialsciences.uow.edu.au/research

RESEARCH

- Australian Centre for Cannabinoid Clinical and Research Excellence (ACRE)
- Australian Centre for Culture, Environment, Society and Space (ACCESS)
- Australian Centre for Electromagnetic Bioeffects Research (ACEBR)
- Australian Centre for Health Engagement, Evidence and Values (ACHEEV)
- Centre for Higher Education Research, Innovation and Impact (CHERII)
- Cognitive Basis of Atypical Behaviour (CBAB)
- Foodways
- Health Psychology: Research Group for Health Behaviour Promotion
- Inclusive Community Based Research Group (ICBRG)
- Interdisciplinary Discourse Analysis in Education, Arts and Social Sciences (IDEAS)
- Multimodal Imaging of Brain Function
- Pedagogical Laboratory
- PowerLab: The Population Wellbeing and Environment Research Lab
- Project Air

ENTITY

- Early Start Research

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 78 – 79.

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	Session 1 (Feb) and Session 2 (Jul) for most programs Session 1 (Feb) only for programs in psychology

Major research entities

UOW research is focused on innovations that make significant positive change. It's about leading new ideas and making impact.

Our research is focused on identifying and meeting the challenges of both today and tomorrow. Combining academic strengths, purpose-built facilities and partnerships with key external organisations, our major research entities drive transformative research.



AUSTRALIAN INSTITUTE FOR INNOVATIVE MATERIALS

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

AIIM houses two of the University's flagship research groups. The Institute for Superconducting and Electronic Materials, which focuses on materials for energy technologies and electronic devices. The Intelligent Polymer Research Institute leads the Australian Research Council Centre of Excellence for Electromaterials Science, and is driving development of nanomaterials for health and medical applications. AIIM also houses the University's Electron Microscopy Centre, which includes advanced microscopy and characterisation equipment.

The new materials developed at AIIM are already being used to meet some of society's greatest challenges. Advanced manufacture, rapid prototyping, and device development facilities allow new ideas to quickly develop into practical outcomes. The Institutes engagement with industry is also helping bridge the gap to commercialisation.

aiim.uow.edu.au



EARLY START

Officially opened in July 2015, UOW's \$44 million Early Start initiative represents a new way of thinking about how universities can share their intellectual capital and research with the community, and how technology can bring about better outcomes for children. Early Start is transforming lives through education to reduce current gaps in inequality. By investing in the earliest years of life, Early Start is working to create a landscape for learning and social change that is markedly different to the image traditionally associated with higher education.

With state-of-the-art teaching, research and community engagement facilities, the Early Start building acts as a hub connecting to a network of partner centres in regional, rural and remote communities across NSW.

Within the building is the Early Start Discovery Space, a public, hands-on creative learning space specifically designed for children from birth to 12 years and their accompanying families, carers, educators and teachers.

earlystart.uow.edu.au



ILLAWARRA HEALTH & MEDICAL RESEARCH INSTITUTE

Founded in 2008 by UOW and the Illawarra Shoalhaven Local Health District (ISLHD), the Illawarra Health and Medical Research Institute (IHMRI) connects the theoretical knowledge of scientists with the practical insights of clinicians and health professionals. This collaborative approach is applied to the search for solutions to the increasingly complex health problems facing society, such as cancer, dementia, diabetes and mental illness.

IHMRI advances health and medical research by providing a range of services to affiliated researchers, such as funding opportunities, facilities, assistance with clinical trials, and advice on grant writing and commercialisation.

The high incidence of chronic and age-related conditions, such as diabetes and dementia in the Illawarra-Shoalhaven provides scope for community participation in the clinical trials facilitated by IHMRI. Also a champion of affiliated researchers in local communities and beyond, IHMRI helps to raise awareness of this vital work and gather philanthropic support.

ihmri.org.au



SMART INFRASTRUCTURE FACILITY

Established in 2011 by the University of Wollongong, the SMART Infrastructure Facility brings together experts from fields such as transport, water, energy, economics, and modelling and simulation, in a state-of-the-art facility to support this important research.

The dedicated team of researchers tackle infrastructure issues from an integrated and multi-disciplinary perspective, with a focus on how infrastructure and social behaviour intersect to ensure more liveable cities and regions.

As an international leader in applied infrastructure research, SMART is helping to address the challenges of infrastructure planning and management, both now and into the future.

smart.uow.edu.au



SUSTAINABLE BUILDINGS RESEARCH CENTRE

UOW's Sustainable Buildings Research Centre (SBRC) is a showpiece of innovation and research excellence.

Researchers at SBRC are working to develop sustainable building technologies for residential and commercial applications, and analyse and improve thermal design for buildings to reduce the energy needed for heating and cooling. Other projects look at renewable energy technology application, and developing control and sensor technology to improve building performance.

The SBRC building was awarded a six-star Green Star Education Design rating and is on track to be the first Australian building certified by the Living Building Challenge – the world's most advanced measure of sustainability in the built environment. The Living Building Challenge comprises seven performance areas: site, water, energy, health, materials, equity and beauty. As part of meeting the Living Building Challenge, the SBRC is an ultra-low energy building with natural ventilation and carefully-selected materials, many of which have been recycled and/or sourced locally.

sbrc.uow.edu.au

Apply to UOW

You can apply through an authorised UOW representative in your home country, or directly to the University.



How to apply

APPLICATIONS ARE FREE OF CHARGE

To apply direct, you can apply online at apply.uow.edu.au or download an application from uow.edu.au/study/international/apply

For details of authorised UOW representatives worldwide, and for assistance with the application process, visit uow.edu.au/study/international/apply

Or email futurestudents@uow.edu.au

FEES

For international tuition fees, please see uow.edu.au/student/finances/international

CLOSING DATES FOR COURSE APPLICATIONS

For most courses, applications can be submitted at any time throughout the year, up to two weeks before the start of each session. However, applicants need to allow time for their application to be assessed, to apply for a visa and to include any period of English language study they might require. Late applications may be assessed on a case-by-case basis.

Please note that the Master of Nutrition & Dietetics, Master of Clinical Exercise Physiology and Master of Psychology (Clinical) each have set closing dates for applications. Please refer to the course information for application closing dates.

ACADEMIC ENTRY REQUIREMENTS

The minimum academic entry requirements for each course are listed under ‘Entry requirements’ in the course section of this guide (starting on page 30).

UOW recognises qualifications from more than 40 countries and education systems.

All academic studies you have undertaken will be taken into account when considering your application. You’ll need to provide documents that demonstrate your full academic history when you apply. We will assess the qualifications you have completed to determine how it equates with the Australian entry requirement for our postgraduate programs.

Please note that the entry requirements listed are an indication only and do not guarantee a place in the course. These requirements may be amended at any time.

Previous study in English

Applicants may meet the English language requirement based on successful study in English in Australia or offshore. 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.

STUDY IN AUSTRALIA OR AUSTRALIAN QUALIFICATIONS OFFSHORE

Successful completion of one of the following qualifications are accepted 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 Master’s 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 they have successfully completed two years of secondary or tertiary study at an approved institution where:

- the language of instruction was English; and
- the institution is located in the Bahamas, Barbados, Canada, Fiji, Ireland, Jamaica, New Zealand, Papua New Guinea, Samoa, Singapore, Solomon Islands, South Africa, Tonga, Trinidad & Tobago, UK or USA.

Academic transcripts and an official letter from the institution certifying that English was the sole language of instruction and assessment must be provided.

VISA REQUIREMENTS

As an international student you may have to meet the English language requirements based on your citizenship for visa purposes, as advised by the Department of Home Affairs. Please refer to homeaffairs.gov.au for more details

* For students applying for Bachelor of Nursing and the Bachelor of Nursing for Overseas Qualified Nurses, these exceptions do not apply. Students must meet English conditions by providing their IELTS, TOEFL, OET, or PTE results, equivalent to IELTS 7.0 overall, with no less than 7.0 in each band.

English language entry 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

WHAT IS THE ENGLISH REQUIREMENT FOR MY COURSE?

The English requirement for each course is shown in the 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 that the English requirements are a minimum overall score of IELTS 6.0, with at least 6.0 in reading and writing, and 5.0 in speaking and listening.

HOW DO I MEET THE ENGLISH REQUIREMENT FOR MY COURSE?

Results in the major international English language tests are accepted, including IELTS, TOEFL, and Pearson and Cambridge, where the test has been taken within two years of commencement at UOW. 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					Overall					Overall				
	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	70	18	18	17	17	86	22	22	19	19	98	25	25	22	22
Pearson (PTE)	54	54	54	47	47	62	54	54	54	54	69	69	69	62	62

The English language requirement can also be satisfied by completing a ‘direct entry’ English course with UOW College Australia as shown on page 83. UOW recognises a number of other English language pathway courses offered by English language centres in Sydney.

For further detail, please email futurestudents@uow.edu.au



“

My English language teacher helped me a lot with my language skills. In the beginning I couldn't speak English at all, but he was really patient and he inspired me. He encouraged me to speak, to communicate with him in the class and after class. He is the person who helped me most in my uni life.

—

Huang Ye Lu

China

Bachelor of Nursing (Conversion)

English language programs

UOW College Australia offers a range of English language courses to suit your needs.

English for Tertiary Studies (ETS) provides a direct entry pathway to undergraduate and postgraduate 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 UOW¹.

UOW College Australia also offers IELTS preparation courses¹ and the study skills program: Introduction to Academic Studies¹. For more information on our English language programs, visit uow.college/english-tert-studies

ENGLISH COURSE LENGTH ESTIMATOR

The following table provides a guide to the length of the English course you may require, depending on your current English language proficiency.

	SCORE AT TIME OF APPLICATION	ESTIMATED TIME REQUIRED TO REACH ENTRY SCORE (WEEKS)				
		IELTS 5	IELTS 5.5	IELTS 6	IELTS 6.5	IELTS 7
Level	IELTS / TOEFL ²					
	6.5 / 86					12
Advanced	6 / 70			6 ³	12	18
	5.5 / 54		6 ⁴	12	18	24
Intermediate	5 / 40		12	18	24	30
	4.5	12	18	24	30	36
Lower intermediate	4	18	24	30	36	42
	3.5	24	30	36	42	48
Elementary	3	30	36	42	48	48+

ENGLISH START DATES TO PREPARE FOR ENTRY TO UOW COURSES

FOR ENTRY TO UOW SESSION		START DATE BY LENGTH (WEEKS) OF ENGLISH COURSE REQUIRED							
		48	42	36	30	24	18	12	6
2021	Session 1 (Feb)	24 Feb 2019	6 Apr 2020	18 May 2020	6 July 2020	17 Aug 2020	28 Sep 2020	9 Nov 2020	4 Jan 2021
	Session 2 (July)	6 July 2020	17 Aug 2020	28 Sep 2020	9 Nov 2020	4 Jan 2021	22 Feb 2021	5 Apr 2021	17 May 2021
2022	Session 1 (Feb)	22 Feb 2021	5 Apr 2021	17 May 2021	5 July 2021	16 Aug 2021	27 Sep 2021	8 Nov 2021	10 Jan 2022
	Session 2 (July)	5 July 2021	16 Aug 2021	27 Sep 2021	8 Nov 2021	10 Jan 2022	28 Feb 2022	11 Apr 2022	23 May 2022

1. While UOW College Australia English Language Programs are registered independently on CRICOS (English for Academic Purposes – CRICOS Code 057131G; English for Tertiary Studies – CRICOS Code 059174B; Introduction to Academic Studies – CRICOS Code 057141E; and, Preparation for IELTS – CRICOS Code 057142D), letters of offer and enrolments will be made under CRICOS Code 069912A English Language Programs (Beginner to Advanced) which enables study of multiple English language programs at UOW College Australia. UOW College Australia (CRICOS Code 02723D) is a registered business name of UOWC Ltd (ABN 14 105 312 329).

2. TOEFL (internet)

3. For applicants with 6 overall, but 5.5 in either reading and writing

4. For applicants with 5.5 overall but less than 5 in reading and writing. Applicants may require further weeks of English if they have lower scores in reading and writing components.



“

I decided to study at UOW College because I wanted to improve my English to gain entry to postgraduate university study. I am now studying my master's degree in Education at UOW and I am enjoying my study very much.

While studying at UOW College I immersed myself in the learning process and considerably improved by English skills. From my experience, the best way to learn English is through real experience studying abroad and UOW College is the best place to do this. I met the most amazing and kind people from around the world and have made some great friends.

—

Liliia Kharisova

English for Tertiary Studies (ETS)
Russia

Notes

Important dates

UOW SESSION DATES	2020 SESSION 2	2021 SESSION 1	2021 SESSION 2
Orientation	20 Jul	23 – 25 Feb	19 Jul
Lectures commence	27 Jul – 25 Sep	1 Mar – 16 Apr	26 Jul – 24 Sep
Mid-session recess	28 Sep – 2 Oct	19 – 23 Apr	27 Sep – 1 Oct
Lectures recommence	6 – 30 Oct	26 Apr – 4 Jun	4 – 29 Oct
Study recess	2 – 6 Nov	7 – 11 Jun	1 – 5 Nov
Exams	7 – 19 Nov	12 – 24 June	6 – 18 Nov
Mid-year recess		28 Jun – 23 Jul	
Release of results		8 July	2 Dec

SYDNEY BUSINESS SCHOOL TRIMESTER DATES	2020 T3	2021 T1	2021 T2	2021 T3
Enrolment and Orientation – Sydney	18 – 19 Aug	2 – 3 Feb	11 – 12 May	17 – 18 Aug
Enrolment and Orientation – Wollongong	20 – 21 Aug	4 – 5 Feb	13 – 14 May	19 – 20 Aug
Lectures commence	24 Aug – 30 Oct	8 Feb – 16 Apr	17 May – 23 Jul	23 Aug – 29 Oct
Study recess	2 – 6 Nov	19 – 23 Apr	26 – 30 Jul	1 – 5 Nov
Exams	7 – 19 Nov	24 – 30 Apr	31 Jul – 6 Aug	6 – 18 Nov
Recess		3 – 14 May	9 – 20 Aug	
Release of results	3 Dec	12 May	18 Aug	2 Dec

See for yourself

OPEN DAY

8 August 2020 | openday.uow.edu.au

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.

BOOK YOUR TOUR

uow.edu.au/future/visit

If you're in Australia you can book a free tour of UOW Wollongong or South Western Sydney (Liverpool) to see our world-class campuses for yourself. Our tours are run by current UOW students who can answer all of your questions about study and student life at UOW.

GLOBAL PRESENCE

uow.edu.au/about/locations

UOW has connections with over 200 universities across the globe, as well as campuses in Dubai, Hong Kong and Malaysia, with education partners in China and Singapore.

More information

uow.edu.au/future/international

Within Australia: 1300 367 869

International: +61 2 4221 3218

facebook.com/uowfuture

instagram.com/uow

futurestudents@uow.edu.au

#ThisIsUOW

EDUCATION AGENTS

UOW works with a range of agencies and organisations around the world to help you with the process of applying to study here. A UOW international representative in your home country can assist with every step of the application process. For your closest representative, please see our agent list at **uow.info/education-agents**

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