With our ranking as 48th in the world and reputation as Australia’s premier university focused on science, technology, business and the professions, UNSW Australia attracts postgraduate students from all over the world. We understand that some of the most important factors when choosing a university for postgraduate study are the career and academic opportunities provided by your degree. That’s why we have completed extensive research matching our world-class postgraduate degrees with opportunities in rapidly expanding and emerging global industries. We have a proud tradition of discovery, innovation and influence. Our postgraduate students are taught by internationally respected academics who are leaders in their fields. As a postgraduate student at UNSW you will benefit from our flexible degree structures, the number and diversity of course options, our industry links and numerous scholarship opportunities. We support this with solid regional and international engagement, a vibrant research environment, and a practical blend of research and real-world application. We understand what the global marketplace demands from high-performing individuals and are ranked 21st in the world for employer reputation.

Our highly valued graduates achieve successful employment outcomes and some of Australia’s highest starting salaries. In fact, we’ve educated more CEOs from Australia’s top 50 companies, produced more technology entrepreneurs in the past 15 years and have a higher number of millionaire alumni than any other Australian university. By choosing UNSW, you can be sure that our networks could be your future employers, colleagues and clients. We are a member of some of the world’s most prestigious and exclusive university networks, including the Group of Eight, Universitas 21, the Association of Pacific Rim Universities and the Global Alliance of Technological Universities, where we were the only Australian university partner selected to join. All of this amounts to a more employable and competitive you. Whether you choose built environment, business, engineering, law, medicine, science or media and creative industries, you’ll be getting a world-class education at a leading Australian university with an international outlook. Our focus is to equip you with the knowledge and skills to compete in a fast-paced global job market and all the challenges it poses. Be ready, countless possibilities lie ahead.
Become the hottest global prospect

Take your career to the next level

A postgraduate degree can provide you with a platform for further research or enable you to develop high-level skills and advanced knowledge to further your career. As a postgraduate student of UNSW, you will be joining an acclaimed group of world-leading researchers who share ideas, expertise and technology to tackle global challenges.

Our links to industry are unrivalled and we connect you with employers and industry professionals to give you the edge in a challenging and competitive global job market.

Learn more about the UNSW difference

SCAN WITH QR READER OR LAYAR APP

More CEOs

UNSW has educated more CEOs of Australia’s top 50 companies than any other Australian university.

/ LeadingCompany, 2012

More entrepreneurs

UNSW has produced more technology entrepreneurs over the past 15 years than any other Australian university.

/ CrunchBase, 2013

More millionaires

UNSW has more millionaire alumni than any other university in Australia.

/ Spear’s WealthInsight, 2014

More innovators

UNSW is regarded as Australia’s most innovative university.

/ Thomson Reuters Citation and Innovation Award, 2012
Join our global alumni network

Our alumni community is 250,000 strong with graduates living in over 140 countries and working for some of the world’s biggest companies including Google, Facebook, Microsoft and HSBC.

We host a range of alumni events in Australia and through our international alumni chapters in locations all over the world. When you graduate from UNSW, our networks become your networks.

With excellent industry links, internship opportunities, career services and a professional development program, you will be well placed to join this diverse global network.

Find out more about our alumni community

No.1 for graduate employability
UNSW is the top performing university in NSW for graduate employability – and one of only four Australian universities to make the top 100 global ranking.

Top 21 in the world
UNSW is ranked 21st in the world for employer reputation.

Highest research funding
We outperformed every other Australian university to receive $45.3 million for industry-based collaborative research projects from the Australian Research Council (ARC) – the highest level of funding compared to any other university in Australia in 2015.

Five star rating
In 2012, we were the first university in the world to be awarded the maximum QS Five Star Plus rating for excellence, and in 2015 we still hold this rating across all eight excellence categories.

Global Employability University Ranking, 2014

QS University Rankings 2014/15

Top Universities QS Stars 2012 and 2015

/ 6
Revolutionary research and discovery

We’ve been breaking new ground since the very beginning

As Australia’s leading research and teaching university, we have one of the country’s largest research communities with over 4,300 dedicated research students.

Our University was established in 1949 with a single-minded scientific focus. Our curriculum may have broadened since, but the desire to innovate, uncover new ways of doing things and improve the world we live in still drives us today. We conduct research across a wide range of areas, but we invest resources and funding in areas where we believe we can make the biggest difference.

We’re an acknowledged world leader in photovoltaics, HIV/AIDS research and quantum computing. Some of our other research strengths include biomedical sciences; water, environment and sustainability; next-generation materials and technologies; social policy, government and health policy; information and communications technology; robotics and devices; and business, law and economics.

We are also home to a number of national centres for research excellence and we are affiliated with many of Australia’s outstanding research institutes. Our award-winning researchers won the greatest amount of Australian Research Council funding in the country – with $45.3 million across three funding schemes for 2015. The grants cover fields such as evolutionary biology, medicine, engineering, physics, the environment, economics, education, history, psychology, technology, mathematics and law.

The Graduate Research School

Higher degree research candidates can pursue their research careers with outstanding opportunities offered through The Graduate Research School. This provides funding for conference travel, coursework options to enhance your skills, tailored seminars in research management and career development, and the opportunity in many disciplines to obtain teaching experience.

To find out more about research at UNSW visit: research.unsw.edu.au

Learn more about research and innovation at UNSW

A culture of innovation

Due to launch in September 2015, the Michael Crouch Innovation Centre (MCIC) is a platform for innovation at UNSW. The Centre will boost a state-of-the-art fit out, including a ‘makerspace’ with 3D printers and a multifunctional workspace where students will be encouraged to design, experiment and build physical prototypes.

The MCIC will be offering a co-curricular program focused on foundational and experiential learning, lead by experts and corporate partners. The program aims to help students launch their innovative concept or continue their development. Aspiring 'intrapreneurs' can take up further study opportunities, while aspiring entrepreneurs have a pathway to our Student Entrepreneur Development team, who have helped launch a number of successful start-ups.

UNSW is a place where current students and recently graduated alumni can generate ideas, meet like-minded visionaries and network with corporate partners to turn their ideas into commercial ventures. Such outstanding dedication to innovation has caught attention worldwide and we want you to be involved.

Innovators, entrepreneurs and intrapreneurs should visit: mcic.unsw.edu.au

Learn more about research and innovation at UNSW

SCAN WITH QR READER OR LAYAR APP
Sharpen your competitive edge

Our extensive career development services and events will help enhance your workplace skills

UNSW’s Careers and Employment Office

Employers seek well-rounded graduates who can demonstrate relevant studies, work experience and extra-curricular involvement. Our dedicated Careers and Employment team assists students in gaining practical workplace skills, obtaining professional experience and developing a career plan. At any time during their degree, students can attend free seminars, access online resources or book a one-on-one appointment with a careers consultant. Students also have access to the Careers and Employment Office up to 18 months after completing their degree.

For more information, visit: careers.unsw.edu.au

UNSW China Office

Our full-time recruitment and careers team in China ensures excellent graduate employment opportunities for students from UNSW. The China-based team has working partnerships with leading Australian, Chinese and multinational companies to identify the latest industry trends and opportunities relevant to our graduates.

For more information, visit: china.unsw.edu.au/news/proudly-china-ready

Professional Development Program for International Students

Students can take advantage of a professional development program tailored to give them hands-on experience in a professional workplace. It includes a three-day seminar covering topics such as business communication, employer expectations and recruitment processes. Students are also offered a 50-hour internship in offices located all over UNSW.

- Get hands-on experience and confidence in a professional setting
- Improve your job application and interview skills
- Gain knowledge of employer expectations in the Australian workplace
- Enhance your business communication and business writing skills

For more information, visit: student.unsw.edu.au/pdp

Univative

Univative is an inter-university consulting competition designed to enhance students’ employability skills by placing them in a real-life teamwork project with limited time and resources. Competing against other universities to solve actual business problems, students learn how to engage with real organisations and work with team members from differing backgrounds.

- Develop practical skills including business consulting, team work, problem-solving, presenting, research, creative thinking and report writing
- Gain an understanding of real-world business practices within a particular industry or field
- Enhance your resume (curriculum vitae) with valuable business experience and achievements
- Expand your network of industry professionals, contacts, and new friends and colleagues

For more information, visit: student.unsw.edu.au/univative-competition

International Students Careers Week

A week of seminars, panels and online events highlights the global opportunities available to international students. Students can meet with international employers, create beneficial networks and learn valuable recruitment tips from employers and alumni.

For more information, visit: student.unsw.edu.au/careers-week

Careers Expo

Held twice a year, our Careers Expo is a chance for students to meet and discuss potential employment and internship opportunities with over 100 participating employers, including BHP Billiton, Chevron, Commonwealth Bank of Australia, Deloitte, HSBC, Microsoft, IBM Australia and many more.

For more information, visit: student.unsw.edu.au/careers-expo-seminars-and-presentations
Future focus: Commercial leadership

Join a network of business and law leaders

Our business and law graduates are in demand by some of the world’s top organisations.

We have Australia’s leading business school, with accounting and finance subjects placed No. 1 in Australia in the QS World University Rankings by Subject 2015. Our law school also ranks among the finest in the world, positioned at 15th in the QS World University Rankings by Subject 2015. UNSW Law is Australia’s leader in progressive legal education and research.

We offer interactive teaching methods to enhance applied learning and our students learn from some of Australia’s best researchers, industry leaders and commentators. Through globally relevant education, experiential learning, skills competitions, international study and elective opportunities, our graduates are able to deal with business and law in a real-world context.

Our graduates have critical thinking skills and a broad global perspective to make a difference in the world. Inspired by what they learn, our graduates become successful leaders and entrepreneurs.
Shape the next wave of global economic growth

Position yourself for a lucrative career

With employment opportunities predicted in business, it is now more important than ever to empower yourself with the right knowledge and skills to prepare you for a changing global market.

At UNSW, our network becomes your network. We have more than 100,000 business and law alumni in top positions working in business environments all over the world.

From the moment you begin, you’ll join this prestigious group of legal pioneers and innovative thinkers. You’ll have the opportunity to forge valuable connections with employers, mentors, world-class peers and alumni to ensure you stay ahead of the latest economic trends.

65%

The Asia Pacific region has half of the world’s smartphone users, with the rate of active mobile users at 65% in 2014, and is forecast to continue growing.

This represents an increased demand for specialists in e-commerce, e-finance law, business, marketing, telecommunication law and finance.

/ Asia Digital Marketing Association. Asia Pacific Digital Factbook, 2014

By 2050, Asia will account for 45% of the world’s population, with 63% of the world’s 440 fastest emerging cities. This will give rise to a wealth of job opportunities for accountants, financial analysts, economists and other business, law and commerce-related specialties.


From natural disasters and the rise of social unrest to global financial instability, markets across the world are experiencing an increased actuarial workload leading to higher demand for actuaries, risk managers and insurance specialists.


Globalisation has given rise to unilateral tax law changes, developments in how tax authorities interpret existing tax laws and treaties, and continuing talks about base erosion and profit sharing. Global companies need accountants, economists, tax specialists and legal experts to ensure compliance and to protect against the negative impact of the changing tax landscape all over the world.


By 2018, global retail sales are expected to reach $28.3 trillion. This includes in-store and internet purchases. Business and finance specialists, international business taxation specialists and marketers and e-commerce experts will be in demand to provide back-office support.

/ eMarketer. 2014

What industry needs

- Accountants
- Actuarial analysts
- Attorneys
- Auditors
- Chartered legal executives
- Corporate and commercial law experts
- E-commerce specialists
- Equity advisors
- Financial analysts
- Financial planners
- Funds managers
- Human resources officers
- In-house legal counsel
- Insurance specialists
- Intellectual property lawyers
- International business and economic law specialists
- Investment bankers
- Licensed conveyancers
- Litigators
- Marketing, advertising and brand managers
- Patent attorneys
- Portfolio managers
- Property and construction managers
- Retirement advisers
- Risk managers
- Stockbrokers
- Strategic planners
- Tax lawyers
- White collar crime lawyers

Please note: the references and statistics herein are drawn from a variety of different sources including the opinions of experts in the different fields. This is only intended as a guide and cannot be used to predict your individual outlook. We encourage students to conduct research within their country and field of interest.
Become an in-demand business and law graduate

Top ranked full-time MBA program
UNSW Business School offers one of the top 100 MBA programs globally. / Financial Times UK and Forbes Magazine

Top 12 for business
We have one of the world’s leading business schools. In the QS World University Rankings by Subject 2015, our Accounting and Finance subjects ranked 12th and Business and Management Studies ranked 19th in the world.

Top 15 for law
The QS World University Rankings by Subject 2015 placed UNSW Law at 15th in the world.

Connections make a difference
Our strong industry links bring you into direct contact with prominent representatives of leading companies and law firms. You’ll hear them speak, network with them and learn from their real-world experiences.

We’ll get you ahead of the pack
Our curriculum is designed in close consultation with major recruiters, law firms and a trusted industry advisory council to ensure you are ahead of the pack when you graduate.

Choose UNSW for commercial leadership

Areas of study
Accounting
Actuarial Studies
Business Administration
Business Economics
Business Law
Business Strategy
Commerce
Corporate and Commercial Law
Cyber Security
Dispute Resolution
Economics
Econometrics
Finance
Financial Analysis
Human Resource Management
Information Systems
Innovation Law
International Business and Economic Law
Journalism and Communication
Law
Logistics Management
Management
Mathematics
Marketing
Planning
Property and Development
Public Relations and Advertising
Taxation
Technology Management
Urban Policy and Strategy

I was introduced to UNSW Business School as one of seven finalists from 37,000 entrants in a competition run by the Australian Government. I was shown around the UNSW campus and was so impressed by it and the university’s reputation, I returned to do my Masters. I am learning about innovative marketing methods in theory and in a ‘learn by doing’ approach with case studies based on real-life company challenges. Last semester, I developed a marketing strategy for the Australian Red Cross Blood Service. Guest lecturers are often industry professionals operating in the field. We can meet and network with them, and they provide valuable insights into the working world. I also enjoy the great mix of local and international students in the program. They enrich group discussions and projects. My degree is definitely helping me to launch an international career in marketing.

Yaroslava Vasina, Russia
Marketing
Future focus: Connectivity, infrastructure and technology

Careers to build and connect the world

If you enjoy solving problems, testing theories, designing liveable cities and dreaming up technologies that make life easier, the world needs you now more than ever.

Building and connecting future cities and improving the way we live calls for experienced professionals who can plan and construct large-scale infrastructure developments supported by innovative products and technologies. The world needs graduates who can design, build and manage connectivity projects in a better, faster and more efficient way.

Whether it’s building a quantum computer, simulating a complex underground mine or programming award-winning robots, it’s our focus on the built environment, applied engineering and science that sets us apart.

UNSW Engineering is Australia’s largest and highest ranked engineering faculty and our Built Environment Faculty is the most comprehensive in Australia. UNSW Science is home to a number of Australian Research Council (ARC) Centres of Excellence, including Quantum Computation, Communication Technology and Climate System Science.

Our award winning professors and researchers are leading the way, making industry-changing breakthroughs and winning accolades. As winners of RoboCup 2014, our rUUNSWift team has developed expertise in robotics that will one day benefit transport, industry and health. We are developing a commercially-viable quantum supercomputer that can perform in days extraordinarily complex tasks that existing computers would take decades to complete. Our researchers were also the first in the world to develop a working perfect single-atom transistor.

Our multidisciplinary approach provides you with unique opportunities to unlock your potential for leadership. You’ll learn practical critical thinking skills needed to analyse challenge and rethink the 21st Century city.

With 20 specialty schools, we are proud to offer the largest number of engineering, science and built environment degrees of any university in Australia.
At the forefront of global development

High demand for innovative critical thinkers

With the pipeline of infrastructure projects in Asia alone predicted to cost $730 billion annually through to 2020 (Asian Development Bank Institute, 2013), talented engineers and planners have emerged as some of the most sought after professions by global recruiters.

Adding to the increased infrastructure demand, businesses and organisations competing in a data and digital-driven economy will need more graduates trained in science, technology, engineering and mathematics (STEM). Research by PricewaterhouseCoopers (PwC STEM Report, 2015) indicates that 75% of the fastest growing occupations will find having skills in STEM a competitive employment advantage.

At UNSW you’ll be learning from record-breaking pioneers and industry leaders who will help prepare you for a lucrative career after university. Our world-class degrees continuously evolve, integrating advice from leaders in the professions and industry. UNSW is the number one choice for innovative thinkers.

Increased sophistication in the mining industry has presented a need for highly skilled employees. Due to the industry’s cyclical, long-term nature, it must compete for highly skilled workers at all times, even when markets slump and activities slow down. There is a demand for key managers, engineers and tradesmen with dual competencies who have technical experience and social skills to work cross-culturally.


Implementing measures and technologies to tackle climate change is projected to cost approximately $41 billion to $73 billion annually over the next 85 years in Asia alone. This will create demand for jobs in climate-proofed infrastructure, environment-friendly technologies for irrigation, geoinformation systems, energy and conservation as well as urban design.


A new “Silk Road”, a massive infrastructure project aimed to link China with three continents over land and sea, is expected to pave the way for substantial infrastructure investment in the region. Asia’s overall national infrastructure investments are estimated to rise to $8 trillion over a 10-year period (2010 to 2020) or $730 billion annually.


China already has a shortfall of 10,000 pilots and this is expected to continue as the sector grows. Chinese airlines are already enticing American pilots with US$270,000 annual salaries – almost double the salary of a US-based captain.

/ International Business Times. China’s Growing Hunger for Air Travel has created a Pilot Shortage, 2013.

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The Southeast Asian consumer class is expected to increase from 81 million to 163 million households by 2030. A wave of urbanisation will give rise to a $7 trillion demand for investments in infrastructure, housing and commercial space. This will create demand for architects, planners, construction specialists and civil engineers.


Please note: the references and statistics herein are drawn from a variety of different sources including the opinions of experts in the different fields. This is only intended as a guide and cannot be used to predict your individual outlook. We encourage students to conduct research within their country and field of interest.
Choose UNSW for connectivity

Areas of study
Aeronautical Engineering
Architecture
Aviation Management
Biomedical Engineering
Chemical Process Engineering
Civil Engineering
Construction Project Management
Cyber Security
Electrical Engineering
Energy Systems
Environmental Engineering
Geospatial Engineering
IT and Computing
Manufacturing Engineering and Management
Materials Technology
Mathematics
Mathematics and Statistics
Mechanical Engineering
Mechatronic Engineering
Mining Engineering
Petroleum Engineering
Physics
Photovoltaics and Solar Energy
Planning
Project Management
Property and Development
Renewable Energy Engineering
Space Engineering
Space Operations
Structural Engineering
Sustainable Built Environment
Systems Engineering
Telecommunications
Transport Engineering
Urban Development and Design
Urban Policy and Strategy

Tarun Muthanna, India
Engineering Science

“I chose a UNSW Engineering program because it aligned with my career goals and interests. My program was taught by staff and guest lecturers with extensive experience in the engineering industry – it was a great opportunity to learn from experts in the field. I particularly enjoyed the industry professionals and keynote speakers who addressed emerging trends in engineering science.

My degree has helped me develop skills that are highly sought after globally, giving me career opportunities in a wide variety of sectors, such as construction, architecture, engineering, information technology, government and events management.”

Lead the way with UNSW

No.1 engineering faculty in Australia
Our Engineering Faculty is highly regarded globally, ranked No.1 in Australia and ranked 27th in the world overall.
/ Shanghai Jiao Tong University’s Academic Ranking of World Universities in Engineering/ Technology and Computer Sciences 2014, QS World University Rankings by Faculty 2014 - Engineering and Technology

Excellence in research
Our Urban and Regional Planning Research is ranked No.1 in Australia and UNSW is the only university with 5 stars in the Excellence in Research Australia Report in this category.

Top 14 in the world
Six of our subjects are ranked in the world’s top 50 – we are ranked 14th for Civil and Structural Engineering, 22nd for Architecture/Built Environment, 26th for Materials Science, 28th for Chemical Engineering, 35th for Computer Science and Information Systems, 37th for Mechanical, Aeronautical and Manufacturing Engineering and 38th for Electrical and Electronic Engineering.
/ QS World University Rankings by Subject 2015

Relevant industry training
In our Master of Engineering programs, students are required to complete 60 days of relevant industrial training which improves practical and technical skills. Students have the flexibility to do industrial training in Australia or their home country.

More postgraduate specialisations
We offer more postgraduate engineering specialisations than any other Australian university, allowing you to develop career paths in multiple industries.

Enhanced learning at Canberra
UNSW Canberra has the best student to academic staff ratio in Australia. We offer a supportive and stimulating environment for postgraduate research students.
Future focus
Environment, energy and sustainability

Protect our planet for future generations

Utilising world-renowned research and innovation, UNSW will turn your passion into global action for a better tomorrow.

With more people currently on the planet than at any time in history, we are facing unprecedented challenges around protecting our environment, maintaining energy supplies and developing sustainable solutions for how we live and grow. This is an exciting time to embark on careers in these areas. UNSW’s excellence in solar cell technology, water research, recycling of materials in manufacturing processes, developing building materials from waste and climate change modelling is already leading to smarter cities and cleaner industries across the world.

The UNSW approach to these challenges means you will not only learn technical skills from world experts, but you will be equipped with the business skills to put your ideas into practice early in your career. Our higher degree graduates go on to hold top positions across the manufacturing sector, in photovoltaic companies, in architecture firms, across governments and in leading research institutes. Study at UNSW and be at the forefront of creating a better and more sustainable tomorrow.

Explore opportunities in environment, energy and sustainability at UNSW

UNSW’s School of Photovoltaic and Renewable Energy Engineering holds the world record for the highest energy conversion efficiency for a silicon solar cell and has maintained this record for more than three decades.
Careers in sustainability are on the rise

A strong job market awaits environmental, energy and sustainability graduates from UNSW

Careers in the environment and energy sectors are expanding and market demand for graduates in these fields is expected to exceed that of many other professions. UNSW students can look forward to lucrative employment and research opportunities.

As the world’s population grows and climate change puts increasing pressure on the environment, we need experienced, knowledgeable and innovative professionals to help preserve our planet.

Implementing measures and technologies to tackle climate change is projected to cost approximately $41 billion to $93 billion annually between now and 2010. This calls for more climate scientists, environmental managers and geographic information systems specialists.

/ Asian Development Bank, 2014

China surpassed the United States as the world’s largest energy consumer in 2010 and the world’s largest power generator in 2011. Now, more than ever, there is a need for climate scientists, renewable energy engineers, environmental lawyers and economists to work together to create solutions to tackle mass energy consumption.

/ Institute for Energy Research. China Economy Expected to Overtake US Economy This Year, 2014

There were approximately 6.5 million direct and indirect jobs in renewable energy in 2013 and the demand for renewable energy specialists will continue in an upward trend. The largest employers were China, Brazil, the United States, India, Germany and Bangladesh. As such, renewable energy engineering experts will have excellent employment prospects.


In 2013, green building was estimated as a half-trillion dollar industry in the United States, and more than a trillion dollar industry worldwide. With this trend continuing in an upward direction, employers are looking for innovative thinkers and leaders with expertise in engineering, architecture, construction, renewable energy and urban planning.


The need to replace and repair the current global environmental infrastructure, as well as the rapid growth of the green economy, will increase the demand for architects, civil engineers, environmental engineers and geoinformation specialists. In the last 10 years it has cost the United States approximately US$200 billion to maintain its water systems.


Employment of environmental scientists, environmental engineers, and environmental science and protection technicians is projected to grow 15% - 19% from 2012 to 2022, faster than the average across all occupations. Heightened public interest in the hazards facing the environment, as well as the increasing demands placed on the environment by population growth, is expected to spur demand for environmental scientists, geospatial information scientists and geographic information systems specialists.

/ US Bureau of Labor Statistics

Future focus: Environment, energy and sustainability

What industry needs

Architects
Chemical engineers
Climate scientists
Construction engineers
Ecologists
Economists
Energy and commodities traders
Environmental chemists
Environmental engineers
Environmental lawyers
Environmental managers
Food technologists
Geographic information systems specialists
Geoscientists
Geospatial information scientists
Land use lawyers
Materials engineers
Mathematicians
Mining engineers
Nanotechnologists
Naval architects
Nuclear energy engineers
Petroleum engineers
Photovoltaic and solar energy engineers
Renewable energy engineers
Resource management lawyers
Urban planners

Please note: The references and statistics herein are drawn from a variety of different sources, including the opinions of experts in the different fields. This is only intended as a guide and cannot be used to predict your individual outlook. We encourage students to conduct research within their country and field of interest.
UNSW’s Solar Photovoltaics Engineering and Renewable Energy Engineering courses are famous worldwide for being one of the best specialist courses in the industry. Many major assignments were based on relevant industry issues and helped me develop practical skills that I now use in my job when I design commercial PV systems.

Renewable Energy Engineering attracts smart and energetic students who bring with them a great positivity and ambition to improve the status quo, and this is something that helps sustain the great reputation of UNSW. I met Sam Mo, who is now my business partner, at UNSW and in 2009 we launched Tivok, a company focusing on energy saving solutions. I’m proud to say that we currently employ a number of undergraduates and PhD graduates from UNSW. They were specifically chosen because we knew the program content and lecturers at UNSW would equip them with the knowledge and skills they would need to begin working in the industry.

George Guse and Sam Mo, Australia and China Engineering (Renewable Energy) and Commerce

We’ll get you ahead of the pack

Top 22 in the world

We scored top rankings for a range of subjects, including 22nd for Architecture and Built Environment, 26th for Materials Science and 40th for Environmental Science in the QS World University Rankings by Subject 2015.

World-leading research facilities

The $123.5 million state-of-the-art Tyree Energy Technologies Building (TETB) boasts a green star rating of 6 and is home to the Australian Energy Research Institute. This world-class facility houses new laboratories dedicated to photovoltaic technologies, sustainable clean fuels, smart grids, energy storage, energy economics and policy analysis.

Tivok

Turning plastic into steel

More than 200 million car tyres have been recycled worldwide in the steel making process using UNSW technology, resulting in waste reduction of 40%.

Flagship research centre

UNSW is host to the nation’s flagship $28 million Cooperative Research Centre on Low Carbon Living (CRC LCL). The CRC brings together key property, planning and policy organisations working with leading Australian researchers from several universities to develop new social, technological and policy tools for reducing greenhouse gas emissions in the built environment.

Protecting important water systems

UNSW researchers played a pivotal role in advising the Australian Government on its multi-billion dollar management plan for the Murray-Darling Basin’s iconic rivers, which support a third of Australian agricultural production and precious wetlands.
Meet the health challenges of a growing population

Coveted career opportunities await medicine and science graduates from UNSW

With cutting-edge research in the fields of cancer, neuroscience, psychology, public health, obesity and immunology, UNSW has been a long-term contributor to improved health outcomes in countries all over the world. Our expert researchers and lecturers are at the forefront of ground-breaking health discoveries and our graduates are well positioned to contribute to health industries and research areas that can improve and save lives.

We prepare students for careers that can help improve population health, health promotion, primary health care, policy formulation, and the research, implementation and management of health programs. Our award-winning research scientists create technology to help restore sight, develop better pharmaceuticals to improve treatment options for patients and work closely with other medical professionals to improve the physical and mental quality of life for people over their lifespan.

Our strong industry links and streamlined commercialisation of research means what we discover today can be put into practice tomorrow. Many of our graduates occupy key positions in health departments, non-government organisations and universities throughout the world.

In 2015, UNSW President and Vice-Chancellor, Professor Ian Jacobs, and his research team developed a ground-breaking test that can successfully detect twice as many women with early signs of ovarian cancer.
Surging global demand for experts in health

Put yourself at the forefront of the latest scientific and medical advances

Globally there are more than 625 million people who are blind or vision impaired simply because they don’t have access to an eye examination and a pair of glasses. For the millions with vision impairment, a skilled practitioner who can provide an eye examination, determine the spectacle prescription needed, dispense glasses or refer appropriately, is potentially a life-changing service.

Our School of Optometry and Vision Science houses a number of research units including the Optics and Radiometry Laboratory, and The Vision Cooperative Research Centre is the largest vision research unit in Australia. At UNSW we integrate scientific knowledge with cutting-edge medical research and clinical skills. Our teachers are a combination of research-active academic staff and clinical experts, putting you at the forefront of the latest scientific and medical advances.

UNSW will help you establish professional networks with industry leaders and experts through a curriculum where medical science, internships and clinical disciplines are highly integrated to ensure an enhanced learning experience.

Globally, one in four people will suffer from a mental disorder or condition, both in developed and developing countries. Mental disorders such as depression, alcohol use disorder, schizophrenia and bipolar contribute to almost 70% of the leading causes of disability. Across the world, there is a need for mental health practitioners to address the rising problem of mental health disorders.

The value of China’s emerging biotech industry is expected to reach $630 billion by the end of 2015. This presents lucrative opportunities for medical and science professionals in the fields of biotechnology, chemistry, molecular and cell biology and pharmaceutical medicine.

Globally, many countries are experiencing a health care professional shortage coupled with an unbalanced distribution of medical professionals and access to care. According to the European Commission, there will be a shortage of 230,000 physicians across Europe in the near future.

Life expectancy is expected to increase from 72.6 years (2012) to 73.7 years (2018) - meaning there will soon be 560 million people over the age of 65 worldwide. This will boost the demand for health care services, with the need to create and recruit positions in medicine, neuroscience, vision science, optometry and other specialties that treat ageing-associated diseases such as Alzheimer’s disease, arthritis, diabetes, osteoporosis and cataracts.

What industry needs

Bioinformaticians
Biomedical engineers
Biotechnology specialists
Clinical trials managers
Community health professionals
Doctors
Geneticists
Intellectual property lawyers
Laboratory technicians
Mental health experts
Microbiologists
Patent lawyers
Pharmaceutical developers
Physicists
Public Health professionals
Psychiatrists
Psychologists
Research scientists
Surgeons

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Choose UNSW for health

Areas of study
- Anatomy
- Bioinformatics
- Biological Science
- Biomedical Engineering
- Biotechnology
- Chemistry
- Food Science and Technology
- Genetics
- Health Management
- Immunology
- Mathematics and Statistics
- Medical Science
- Medicine
- Medicinal Chemistry
- Microbiology
- Molecular and Cell Biology
- Nanotechnology
- Neuroscience
- Optometry and Vision Science
- Patent Law
- Pathology
- Pharmaceutical Medicine
- Pharmacology
- Physiology
- Public Health
- Psychology
- Reproductive Medicine
- Women’s Health

Cutting-edge teaching and research to boost your career potential

Research excellence

Our medical sciences regularly top UNSW’s research performance and account for more than 40% of the University’s entire research income.

Top ranked in medicine and science

UNSW received top subject rankings including Psychology placed at 15th, Medicine at 43rd and Pharmacology within the top 100 subjects.

/ QS World University Rankings by Subject 2015

Innovative teachers

At UNSW, you will be studying under some of the country’s most innovative and engaging teachers. Our staff have won numerous awards, including recognition from the Frank Fenner Prize for Life Scientist of the Year, the Australian Medical Association, the Royal Australasian College of Physicians and the Vice-Chancellor’s Award for Teaching Excellence.

Industry connections

In the last five years our science researchers have entered into over 250 agreements with industry, government or other collaborators and 82 patent applications have been taken out on their work.

/ ARC linkage grants; NewSouth Innovations (UNSW Innovations) 2009 -2014

World-leading facilities

The state-of-the-art Wallace Wurth and Lowy Cancer Research Centre buildings, together with the soon to be developed Biological Sciences Building, form a world-class biomedical research precinct which supports both research and teaching.

Aengus Tran, Vietnam Medicine

“I chose to study Medicine at UNSW because of my love for medical science and my passion to make a difference in patients’ lives. Furthermore, UNSW was one of the first universities to offer undergraduate entry to the Doctor of Medicine program. This allowed me to acquire state-of-the-art clinical learning straight out from high school. UNSW Medicine is also affiliated with many teaching hospitals and institutions which allows for many exciting placement opportunities during my degree.”
Future focus
Media, design and creativity

We produce inspiring, courageous thinkers

Graduate with the skills and qualities required for a successful media, design or creative career in a digitally-driven, expanding market

Our media, communication and creative degrees are among the most highly regarded in Australia with a focus on current and emerging technologies and trends. Our teaching utilises the latest methods, underpinned by leading-edge technology and modern learning environments to inspire a new generation of courageous thinkers.

Our Art and Design, Arts and Social Sciences and Built Environment faculties have renowned academics, researchers and industry professionals with diverse fields spanning architecture, contemporary and fine arts, curating and cultural leadership, communication and media, creative and performing arts, and industrial design and innovation. We encourage our students to examine these fields through intensive studio and lab practice.

Our students learn technical skills and get hands-on experience to secure competitive positions in the job market.

Explore opportunities in media, design and creative industries at UNSW

In the latest Excellence in Research for Australia Report 2012, Media and Communication at UNSW scored an impressive 4 out of 5, putting our research at above world standard.
Kickstart your media, design and creative career

Be part of the changing technology-led creative landscape

At UNSW, our approach is interdisciplinary, advancing tradition and challenging existing thinking. We value experimentation and exploration in media, art and design, fostering cross collaboration with science, engineering, the humanities and business.

UNSW is the number one choice for bold thinkers looking to embark on a career in media, design and creative industries, with Sydney as Australia’s capital for cultural and creative visionaries.

In 2014, $1.5 trillion worth of goods and services were purchased online through desktops, smartphones and tablets. Retail sales through mobile devices continue to grow steadily. Internet advertising is also expected to rise and surpass $160 billion by the end of 2015. Rapid growth in online retail sales can be attributed to improved technology and mobile devices, and mobile-optimised websites. Graduates with expertise in marketing, advertising, UX design, digital media, public relations, creative and graphic design will be well placed to help grow and evolve online retail sales.

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Future focus: Media, design and creativity

What industry needs

Advertising executives
Animators
Artists
Arts managers
Communication specialists
Copyright and licensing lawyers
Creative directors
Creative writers
Curators
Designers
Digital media designers
Game designers
Graphic designers
Graphic media designers
Illustrators
Industrial designers
Intellectual property lawyers
Interaction designers
Interior architects
Journalists
Landscape architects
Media specialists
Media strategists
Musicians
Performing arts teachers
Public relations specialists
UX designers

Gaming has grown into a global multi-billion dollar industry. It generated sales of $93.29 billion in 2013 and an estimated $101 billion in 2014. There are currently 1.2 billion gamers around the world who play Grand Theft Auto, Clash of Clans and Candy Crush Saga. The mobile games market is also quickly overtaking consoles, with estimated sales projected to grow from $65 billion to $40.9 billion by 2017. This makes for exciting and lucrative prospects for game designers, illustrators, graphic media designers and marketers.

Film entertainment revenue is projected to grow by 28% from $88.3 billion in 2013 to $110.1 billion in 2018. In the next three years, global spending on television subscriptions is expected to reach $23 billion. Increased online downloads and streaming services will drive the growth of the industry. Box office spending continues in a steady trend, confirming that a cinematic experience is still important for viewers and their families. Opportunities for animators, producers and film and television script writers will be lucrative.

Mobile devices have radically changed the publishing industry with new and evolving trends in content creation and content consumption. This bodes well for writers, journalists, creative and graphic designers, photographers, video producers, animators and multimedia specialists.

Urbanisation and consumerism growth in Asia will result in a $7 trillion demand for infrastructure, housing and commercial space. This translates to exciting employment prospects for graduates in the fields of industrial design, interior architecture and landscape architecture.

World trade in creative goods and services posted an average growth rate of 8.8% from 2002 to 2011, to a staggering $624 billion in 2011. This growth included visual art, design, fashion, film, music, new media and print media. Such exceptional growth bodes well for specialists in media and creative industries overall, increasing the need for graphic designers, architects, advertisers, digital specialists and media and communications graduates.

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Choose UNSW for media, design and creativity

Areas of study
- Animation and Visual Effects
- Architecture
- Art Theory
- Design
- Design Communication
- Drawing
- Exhibition Design
- Fine Arts
- Illustration
- Industrial Design
- Intellectual Property Law
- Interaction Design
- Interior Architecture
- Jewellery Design
- Journalism and Communication
- Landscape Architecture
- Media Arts
- Media and Technology Law
- Painting
- Performance
- Photography
- Printmaking
- Product Design
- Public Relations and Advertising
- Sculpture and installation
- Textiles
- Urban Development and Design

Ignite your creative thinking

Top 22 in the world
Architecture/Built Environment ranked 22nd, Art & Design ranked 25th and Communication and Media Studies ranked 49th in the world.
/QS World University Rankings by Subject 2015

Top ranked for Media and Creative Arts
UNSW Australia ranked well above world standard, scoring 5 out of 5 in the areas of film, television and digital media, visual arts and crafts, cultural and literary studies and performing arts and creative writing in the Excellence in Research for Australia Report 2012.

Prize-winning professor
Renowned architect and UNSW academic, Professor Glenn Murcutt, is Australia’s only recipient of the industry’s most prestigious award, the international Pritzker Prize.

State of the art facilities
Our modern Art & Design campus boasts state-of-the-art facilities including a network of student-led and museum-standard galleries, world-class media production and design studios and flexible study zones for you to collaborate with peers and design to your full potential.

Strong industry connections
We have some of the country’s best collaborations with industry. Our academics work on exciting challenges in the media and creative fields and form a critical part of some of Australia’s biggest events, including Sydney Architecture Festival, Sydney Film Festival, Sydney Writers’ Festival and the Walkley Awards for Outstanding Journalism.

"The teaching quality at UNSW is excellent. Some of my lecturers are academic researchers and some are art industry professionals working within Sydney’s art community. I was inspired by one guest lecturer who is very active in identifying and promoting emerging contemporary Aboriginal artists.

I’m interested in curating art to raise awareness of social issues – with particular focus on Aboriginal rights. I would also love to curate or manage visual arts festivals in Australia and overseas and I know that my Art Theory studies combined with the highly respected reputation of UNSW Art and Design will make me a highly competitive candidate to future employers."

— Carissa Tan, Singapore
Art Theory

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— Carissa Tan, Singapore
Art Theory
Future focus: Global social responsibility

Be a force for positive change

UNSW creates leaders who make a difference

From managing complex public and community health problems, to defending human rights and creating liveable cities, we need innovative approaches and effective solutions from a new type of leader. At UNSW, you will learn how to lead in a changing world by creating social, legal and environmental value.

We are a national leader in the humanities and social sciences, and have earned international recognition for the effectiveness of our teaching and the impact of our research. Our programs are based on rich theoretical knowledge and hands-on experience applicable for those who wish to drive meaningful and sustainable social change across government and community sectors.

Social justice is integral to the UNSW approach and our curriculum reflects this. Students will study socially relevant topics, including indigenous education, health and legal issues, human rights, women’s and gender studies, class, race and disability, environmental issues and experiential learning. We never lose sight of the way law and the social sciences can be used to improve people’s lives.

Driven by curiosity and compassion, we strive toward a deeper understanding of humanity, of social institutions and of different cultures so that we can have a positive impact on a global scale by enlightening public debate, enhancing policy formation and developing innovative solutions for global issues. As citizens of the world, our graduates are confident, questioning and creative, pursuing careers that are exciting, influential and, often, unpredictable.

Explore opportunities in global social responsibility at UNSW

UNSW offers leading programs in the area of global social responsibility for those who want to make an impact on global policy, practice and the political climate.
Opportunities to effect change in a vast global network

Global uncertainty drives demand for leaders who make a difference

As a UNSW graduate, passionate about global social responsibility, you can enjoy a wealth of challenging and high profile roles in public, private and academic sectors. As the world is confronted with social, economic, environmental and political issues, our graduates meet the ever-growing demand for specialists who can research, inform and formulate socially just solutions and policies.

Equipped with a UNSW qualification, you can find an abundance of opportunities in government, corporate, non-government organisations and education institutions.

The training, research experience and practical application you get as a UNSW student will ensure you are a prime candidate for jobs in these important sectors. What’s more, you’ll have the satisfaction of making your contribution as a socially responsible global citizen.

Corporate social responsibility is no longer considered as a social obligation – rather, as good business strategy. Companies are stepping up in tackling pressing issues such as human rights, gender and the environment.

It has been estimated that 55% of online consumers in 60 countries across the world support and purchase products and services from companies that show a commitment to positive social and environmental impact.

Corporate social responsibility is no longer considered as a social obligation – rather, as good business strategy. Companies are stepping up in tackling pressing issues such as human rights, gender and the environment.

550 million people go to bed hungry every night in Asia and the Pacific. Governments and other sectors need to work together to achieve sustainable food security in Asia, that will also result in sustainable land and water use, as well as the use of renewable energy.


550 million people live in countries at risk of instability and conflict. Between 2012 and 2013, there were 18,000 lives lost due to terrorist incidents.

Those specialising in dispute resolution, human rights policy, international relations, development studies, social research and policy can work to bring about global peace.

Institute for Economics & Peace. Global Peace Index, 2014

Climate change is already costing the world over $1.2 trillion (1.6% of global GDP) annually. Extreme weather conditions have led to devastating death tolls from natural catastrophes, malnutrition, poverty and disease. This calls for social work and public health specialists, as well as public policy and governance, social research and policy and development studies specialists.


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Choose UNSW for socially responsible careers

Areas of study

Architecture
Architectural Studies
Business
Construction Project Management
Criminology and Criminal Justice
Design
Development Studies
Economics
Education
Environmental Engineering
Environmental Management
Food Process Engineering
Food Science and Technology
Human Geography
Human Rights Law
Immunology
Industrial Design
International Relations
Interpreting and Translation
Journalism and Communication
Law
Landscape Architecture
Medicine
Optometry and Vision Science
Photovoltaics and Solar Energy Planning
Project Management
Property and Development
Public Policy and Governance
Renewable Energy
Reproductive Medicine
Science
Social Impact
Social Research and Policy
Sustainable Built Environment
Teaching English to Speakers of Other Languages (TESOL)
Urban Development and Design
Urban Planning
Urban Policy and Strategy
Women’s Health

Improving the world begins at UNSW

Top 15 subject rankings

Our Law subject was placed at 15th, Architecture/Built Environment ranked 22nd and Education scored 41st place globally.

/ QS World University Rankings by Subject 2015

Global faculty

In the QS World University Rankings by Faculty 2014 we are 20th in the world for Social Sciences and 51st for Arts & Humanities. We are also proudly ranked 40th in the world for Social Sciences in the Times Higher Education World University Rankings 2014-2015.

$10 million commitment

The Judith Neilson $10 million Chair in Architecture is a ground-breaking commitment of global significance for the research, teaching and public debate of architecture to improve the lives of displaced and disadvantaged people.

Justice for all

UNSW Law’s commitment to justice for all is demonstrated through its association with a range of legal research, advocacy and education Centres. These Centres play a central role in the education of students through internships and clinical legal education. UNSW is also host to the Centre for Refugee Research and Gender Violence Research Network.

Social policy research excellence

From health and security to education and global governance and human rights, our UNSW Arts and Social Sciences researchers are developing new ways of understanding, and responding to, the continual transformation of our highly interconnected world. We have the strongest concentration of social policy researchers in Australia and are recognised for excellence in social policy research and engagement.

Collaborative and progressive learning

You’ll learn in a vibrant atmosphere focused on social and global improvements with a collaborative and interdisciplinary approach to our teaching. In this environment, you will develop the capacity to make an informed engagement with pressing national and global issues.

—I’m really passionate about population health and how we can learn from other countries and societies in the management of world health issues. UNSW’s teaching methods are comprised of a really good balance of strong theory base and practical aspects, meaning that you can contextualise theoretical knowledge with real world examples.

I am looking forward to returning home to contribute to the development and regrowth of public health systems in Liberia. I really want to make a difference in priority issues like education, health systems, sanitation and maternal mortality. I hope to inspire other students to learn about international public health—we need compassionate, globally aware people to tackle these issues all over the world.

Samretta Carr Caldwell, Liberia
International Public Health and Health Management
Postgraduate degree programs

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Accounting

Master of Accounting and Business Information Technology
Program code 8426

Entry requirements
A recognised Bachelor degree (or equivalent qualification) in business, commerce or information systems, with a credit average, as determined by UNSW Business School. Please consult the following website for further information: business.unsw.edu.au

Program structure
This program consists of 12 courses (72 UOC):
* 2 compulsory accounting courses
* 2 compulsory information systems courses
* At least 3 accounting elective courses (from List A and C)
* At least 3 information systems elective courses (from List B and C)
* 1 capstone course (from List C)

Accounting Core Courses UOC
Financial Accounting
Management Accounting and Business Analysis

Faculty
Business School

Program Duration
1.5 years

Estimated first year tuition
AS$31,190

Entry
February and July

List B Information System Elective Courses (Sample list)
– Business Process Management
– Information Systems Auditing and Assurance
– Business Intelligence Methods
– Enterprise Systems
– Team Strategy, Innovation and Agility
– Business Analytics
– Security and Ethics in Cyberpace
– Managing Risks & Risk Management

List C Capstone Courses
– Enterprise Strategy for Management Accountants
– ANDIS
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Dual award degree programs

Actuarial Studies

Master of Actuarial Studies
Program code 8411

Entry requirements
A recognised Bachelor degree (or equivalent qualification) in actuarial studies, econometrics, mathematics or statistics with a credit average, as determined by UNSW Business School. Please consult the following website for further assessment criteria: business.unsw.edu.au

Program structure
This program consists of 12 courses (72 UOC): four core courses plus eight elective courses.

Core Courses (96 UOC) UOC
Probability and Statistics for Actuaries

Faculty
Business School

Program Duration
1.5 years

Estimated first year tuition
AS$31,190

Entry
February and July

List B Information System Elective Courses (Sample list)
– Business Process Management
– Information Systems Auditing and Assurance
– Business Intelligence Methods
– Enterprise Systems
– Team Strategy, Innovation and Agility
– Business Analytics
– Security and Ethics in Cyberpace
– Managing Risks & Risk Management

List C Capstone Courses
– Enterprise Strategy for Management Accountants
– ANDIS
– Business Systems Project

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Mining Engineering 90-91

Mathematics 89-90
Mining Engineering 90-91

Master of Actuarial Studies (Extension)
Program code 8416

Entry requirements
A recognised Bachelor degree (or equivalent qualification) in actuarial studies, econometrics, mathematics or statistics with a credit average, as determined by UNSW Business School. Please consult the following website for further assessment criteria: business.unsw.edu.au

Program structure
This program consists of 16 courses (96 UOC): four core courses, and 12 elective courses.

Core Courses (68 UOC) UOC
Probability and Statistics for Actuaries

Faculty
Business School

Program Duration
2 years

Estimated first year tuition
AS$31,190

Entry
February and July

List B Information System Elective Courses (Sample list)
– Business Process Management
– Information Systems Auditing and Assurance
– Business Intelligence Methods
– Enterprise Systems
– Team Strategy, Innovation and Agility
– Business Analytics
– Security and Ethics in Cyberpace
– Managing Risks & Risk Management

List C Capstone Courses
– Enterprise Strategy for Management Accountants
– ANDIS
– Business Systems Project

continued on next page
Applications are required to include:

- Bachelor degree (or equivalent qualification) in a relevant discipline with a record of academic achievement equivalent to a UNSW credit average (65%) or equivalent.
- Bachelor degree (or equivalent qualification) in any discipline with a record of academic achievement equivalent to a UNSW credit average (65%), plus one year relevant professional experience OR
- Honours degree or Graduate Diploma (or equivalent qualification) in any discipline with a record of academic achievement equivalent to a UNSW credit average (65%) or equivalent.
- Bachelor degree (or equivalent qualification) in a relevant discipline with a record of academic achievement equivalent to a UNSW credit average (65%) or equivalent.

Entry requirements
Admission to the Master of Applied Linguistics is based on relevant academic qualifications and professional experience. There are two streams of study:

1. 1.5 Year Program (72 UOC)
   - Bachelor degree (or equivalent qualification) in a relevant discipline with a record of academic achievement equivalent to a UNSW credit average (65%), plus one year relevant professional experience OR
   - Honours degree or Graduate Diploma (or equivalent qualification) in any discipline with a record of academic achievement equivalent to a UNSW credit average (65%) or equivalent.
- Bachelor degree (or equivalent qualification) in any discipline with a record of academic achievement equivalent to a UNSW credit average (65%) or equivalent.

1 Year Program (48 UOC)
- Bachelor degree (or equivalent qualification) in any discipline with a record of academic achievement equivalent to a UNSW credit average (65%) or equivalent.
- Bachelor degree (or equivalent qualification) in a relevant discipline with a record of academic achievement equivalent to a UNSW credit average (65%), plus one year relevant professional experience.

Students who are eligible for the 1 year stream are permitted to study the 1.5 year stream.

Relevant disciplines include:
- Relevant professional experience includes:
  - Work in language-related area including teaching English as a second or foreign language or a language other than English, translating and interpreting, curriculum design, and other appropriate language professions.

Program structure
1.5 Year Program (72 UOC):
1. Applied Linguistics Core Courses (24 UOC)
2. Advanced Disciplinary Courses (24 UOC)
3. Elective Courses (24 UOC)

1 Year Program (48 UOC):
1. Advanced Disciplinary Courses (24 UOC)
2. Elective Courses (24 UOC)

Elective Courses (36 UOC) UOC
Thesis Writing 1 6
Thesis Writing 2 6
Translation in the Media 6
Test Analysis for Translation 6
Experimental Research Design 6
Experimental Research Design 6
Survey Research, Design and Analysis 6

Faculty
Arts & Social Sciences

Estimated first year tuition
AS$2,350

Entry
February and July

Career opportunities
Your advanced education in applied linguistics theory and practice will prepare you for a successful career as a linguistic specialist in areas such as:
- Language acquisition and pathology
- Language policy and planning
- Language education in multicultural environments including, EALD and ESL, teaching in private schools in Australia and internationally.

Specialisations (36 UOC)
- EALD English as an Additional Language or Dialect
- TESOL Teaching English in Spoken of Other Languages
- SSL English as a Foreign Language

Art program 9314

Students in the Master of Art program can major in any discipline:

Program structure – 2 years program
1. Core Art Studio Courses (30)
2. Art & Design Elective Courses (24)
3. Arts Research Project (6)
4. Capstone Project (6)

Entry requirements
Students who have completed related and related nature of your prior qualifications, admission to the Master of Art makes provision for three entry points:
1. Bachelor degree (AQF Level 7) in any field.
   - This provides admission into the foundational disciplinary course of the program requiring completion of 96 UOC (2.0 years).
2. Bachelor degree in Visual Arts (FOE codes 1005).
   - This provides admission into the disciplinary core component of the Master of Art – requiring completion of 72 UOC (1.5 years).
3. Honours Degree (AQF Level 8) or equivalent in Visual Arts (FOE codes 1005). Master (FOE codes 1007) provides admission into the advanced disciplinary component of the Master of Art – requiring completion of 48 UOC (1 year).

Program structure
A total of 96 units of credit (UOC) is required, consisting of core courses (90 UOC) and elective courses (36 UOC). There is a wide range of elective courses offered by the Faculty (additional to the following list of elective courses) which may be studied. You should check with the Faculty at time of enrolment.

Core Courses (90 UOC)
- Design Studio 1 6
- Design Studio 2 6
- Construction and Structures 6
- Environment 6
- Professional Practice 6
- Research Studio 6
- Architecture in Asia 12
- Major Design Studio 12
- Major Design Studio 12

Estimated first year tuition
AS$2,568

Entry
February and July

Future Making – ceramics, textiles, metal, jewellery, furniture and lighting
Students can also choose from the Design streams offered in the Master of Design.

All courses are offered in only one semester per year. Some courses may not be offered every year. Please check course availability with the Faculty. Student Centre prior to enrolment.

Master of Architecture
Program code 8143

Students in the Master of Architecture program can major in any discipline:

Program structure – 2 years program
1. Core Art Studio Courses (30)
2. Art & Design Elective Courses (24)
3. Arts Research Project (6)
4. Capstone Project (6)

Entry requirements
Graduates who have completed related and related nature of your prior qualifications, admission to the Master of Architecture makes provision for three entry points:
1. Bachelor degree (AQF Level 7) in any field.
   - This provides admission into the foundational disciplinary course of the program requiring completion of 96 UOC (2.0 years).
2. Bachelor degree in Visual Arts (FOE codes 1005).
   - This provides admission into the disciplinary core component of the Master of Architecture – requiring completion of 72 UOC (1.5 years).
3. Honours Degree (AQF Level 8) or equivalent in Visual Arts (FOE codes 1005). Master (FOE codes 1007) provides admission into the advanced disciplinary component of the Master of Architecture – requiring completion of 48 UOC (1 year).

Program structure
A total of 96 units of credit (UOC) is required, consisting of core courses (90 UOC) and elective courses (36 UOC). There is a wide range of elective courses offered by the Faculty (additional to the following list of elective courses) which may be studied. You should check with the Faculty at time of enrolment.

Core Courses (90 UOC)
- Design Studio 1 6
- Design Studio 2 6
- Construction and Structures 6
- Environment 6
- Professional Practice 6
- Research Studio 6
- Architecture in Asia 12
- Major Design Studio 12
- Major Design Studio 12

Estimated first year tuition
AS$2,568

Entry
February and July

Future Making – ceramics, textiles, metal, jewellery, furniture and lighting
Students can also choose from the Design streams offered in the Master of Design.

All courses are offered in only one semester per year. Some courses may not be offered every year. Please check course availability with the Faculty. Student Centre prior to enrolment.
Graduate Diploma of Art
Program code 5367

Your choice of studio specialisations includes:

- Planar Practices - painting, drawing, printmaking and the screen
- Temporal and Spatial Practices - photography, video, sound, sculpture, installation and performance
- Future Making - ceramics, textiles, metal, jewellery, furniture and lighting

**Entry requirements**

Admission to the Graduate Diploma in Art requires a Bachelor degree in any field, which has been conferred within the last 10 years, or through articulation from the Graduate Certificate in Art. Applicants who apply with a bachelor degree completed more than 10 years ago can be admitted to the Graduate Certificate in Art if they have 5 or more years professional experience in an art, design or media-related field since graduation. They can articulate up to the Graduate Diploma provided they hold a credit average in their courses taken under the Graduate Certificate.

**Program structure - 1 year program**

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Duration</th>
<th>Units of Credit</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art Studio Specialisations</td>
<td>3 Art Studio Core courses</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Art Studio Specialisation courses</td>
<td>3 Art Studio Specialisation courses</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Art &amp; Design</td>
<td>2 Art &amp; Design courses</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Process and Materiality</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art Science</td>
<td>2 Art Science courses</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Temporal and Spatial Practices</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Core Art Studio Courses</td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total units of credit (UCO)</td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Program structure</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estimated first year tuition</td>
<td>AS$24,560</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Graduate Certificate of Art**
Program code 7367

The Graduate Certificate provides an intensive studio practice based postgraduate experience in contemporary fine art. The program is structured to provide either a foundation or an extension for people who wish to, or aim to become, practising artists in the visual arts or related creative fields.

**Entry requirements**

Admission to the Graduate Certificate in Art requires a Bachelor degree in any field. Applicants who apply with a bachelor degree completed more than 10 years ago can be admitted to the Graduate Certificate in Art if they have 5 or more years professional experience in a design or media-related field since graduation.

**Program structure - 6 months program**

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Duration</th>
<th>Units of Credit</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Courses</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 Contextual Studies courses</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total units of credit (UCO)</td>
<td>24</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Core Art Studio Courses</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Process and Materiality</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estimated first year tuition</td>
<td>AS$14,280</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Master of Arts (Specialisation)**
Program code 8175

The Master of Arts enables students to specialise in Military History, Strategy and Security, or Strategy and Management. For more information, visit handbook.unsw.edu.au/postgraduate/programs/2015/8175.html

**Entry requirements**

Applicants without a Bachelor degree may also be admitted to the Graduate Certificate on a case-by-case basis by the Program Director, on the basis of a portfolio of work and professional experience. The student may articulate up to the Graduate Diploma if they hold a credit average in their courses taken under the Graduate Certificate.

**Program structure - 1 year program**

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Duration</th>
<th>Units of Credit</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art Studio Specialisations</td>
<td>Select three of the following courses from Studio Specialisations (18 UOC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Planar Practices</td>
<td>Chronological and Parallel Approaches to Contemporary Art</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>The Reproduced Image: Series &amp; Seriality</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temporal and Spatial Practices</td>
<td>Lens and Studio Craft</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Core Art Studio Courses</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Additive Approaches to Art</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Future Making</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Technologies, Traditional Techniques: Hybrid Crafting</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Material Thinking</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art Contextual Studies Courses</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communication Skills for Creative Disciplines</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art After Postmodernism or Contemporary Creative Practices: Methods</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research Foundations in Art &amp; Design</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estimated first year tuition</td>
<td>AS$30,720</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Aviation

Master of Aviation Management
Program code 5741

**Entry requirements**

- Applicants need a recognised three-year Bachelor degree in any discipline, or a recognised four-calendar year Bachelor degree in any discipline plus a minimum of 6 months relevant professional experience.
- Students in the Master of Aviation Management are required to complete a total of 96 UOC comprised of a compulsory research project, and 90 UOC selected from the list of electives.

**Program structure**

- Core: 24 UOC compulsory courses
- Elective Courses: 66 UOC

**Complimentary Course**

- Aviation Research Project: 6 UOC

- Note: This course is to be undertaken in the first year of the Master's degree.

**Graduate Diploma of Aviation Management**
Program code 5741

**Entry requirements**

Minimum entry requirement is at least 1 year of relevant industry experience. Applicants with more experience may be eligible for advanced standing and complete the diploma in less time.

**Program structure**

- Core: 24 UOC compulsory courses
- Elective Courses: 60 UOC

Biomedical Engineering

Master of Biomedical Engineering
Program code 7865

**Entry requirements**

- A recognised four-year Bachelor degree in engineering, science or medicine, with an average grade of 65。

**Program structure**

- The program consists of courses totalling 48 units of credit. A credit average (65%) must be achieved to continue on to the Master of Aviation Management. Available courses are listed under the entry for the Master of Aviation Management.
# Biotechnology and Biomolecular Sciences

**Graduate Diploma (Research)**  
Program code: 5304

Entry requirements:  
Applicants are required to have a recognised three year full-time Bachelor degree with a minimum average mark greater than 55, specialising in:  
- Molecular Cell Biology  
- Genetics  
- Microbiology  
- Biotechnology

Students must also demonstrate in their application that they have research experience in one of the relevant disciplines for this stream. Students without demonstrated research experience will be consulted at the discretion of the Postgraduate Coordinator in the School of Biotechnology and Biomolecular Sciences.

It is essential that applicants identify an appropriate academic supervisor and obtain agreement prior to submitting an application for postgraduate study. Identifying and negotiating with prospective supervisors is up to applicants, and applicants need to align their interest with the research area of one of the School's academics.

Program structure:  
Students typically enrol in courses as follows:  
- 30 UOC of postgraduate courses from the School of Biotechnology and Biomolecular Sciences. Students may enrol in these courses each semester 1 or semester 2 depending on the scheduling of courses. Students should discuss their course selection with their supervisor. It is strongly recommended that all students enrol in BABS1710 Research Techniques. Postgraduate courses not from the School of Biotechnology and Biomolecular Sciences may be taken where a student can demonstrate that the course is relevant to their research project and is approved by the student's supervisor and the Postgraduate Coordinator.
- 30 UOC of research project, comprised of a combination of the following courses (depending on the amount of coursework completed each semester): BABS5019 Research Project (6 UOC), BABS5029 Research Project (12 UOC), BABS5039 Research Project (18 UOC), BABS5049 Research Project (24 UOC).

**Program Duration**  
1 year

**Application dates**  
- Entry: February, July (Entry is dependent on the availability of a suitable academic supervisor)
- Estimated first year tuition: A$37,280

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# Business Administration

**AGSM MBA**  
Program code: 825

Entry requirements:  
- There are two pathways into the AGSM MBA program:
  1. A strong undergraduate degree (or equivalent qualification) and a minimum of 2 years professional or managerial work experience
  2. A minimum of 6 years of professional work experience

Program structure:  
- Core courses (24 UOC):
  - Economics
  - Accounting
  - Business Ethics
  - Decision Making
  - Managerial Accounting
  - Organisational Behaviour
  - Strategy

- Elective courses (6 UOC) selected from the following disciplines:
  - Accounting
  - Economics
  - Finance
  - Marketing
  - Organisational Behaviour
  - Strategy

**Program Duration**  
16 months or 24 months

**Application dates**  
- Entry: Session 1 (January)
- Estimated fees to complete: A$50,400

---

# Master of Business

**Master of Business**  
Program code: 8388

Entry requirements:  
The MBAs program is designed to provide students with advanced understanding of the concepts and principles that underpin effective management, decision-making and leadership. For more information, visit handbook.unsw.edu.au/graduatesubjects/mba.

Program structure:  
For details visit: engineering.unsw.edu.au/biomedical-engineering OR /master-of-biomedical-engineering.

**Program Duration**  
1 year

**Application dates**  
- Entry: February, July
- Estimated first year tuition: A$37,280

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# Business

**Graduate Certificate in the Built Environment**  
Program code: 7171

Entry requirements:  
You will require a four year Bachelor degree (with credit average) in a non-design related field for admission to this program. Upon graduation (with Credit average), you will then be able to enrol for the Master of Urban Development and Design (M.U.D.D.) or M.U.D.D. extension.

Program structure:  
- Core courses (24 UOC):
  - Introduction to Management
  - Principles of Marketing
  - Accounting
  - Business Ethics

**Program Duration**  
6 months

**Application dates**  
- Entry: February
- Estimated first year tuition: A$37,280
Master of Commerce
Program code 4814

Entry requirements
A recognised Bachelor degree (or equivalent qualification) with a credit average, as determined by UNSW Business School. Please consult the following website for further assessment criteria:


Program structure
The Master of Commerce (Extension) consists of 6 courses (96 UOC): 2 core courses 3 gateway courses 6 specialisation courses 4 elective courses 1 capstone course

Credit average OR undergraduate non-law degree (for the award of the degree from the courses that include law). Students who have not completed law courses may choose to specialise in one of the following areas:
• Corporate and Commercial Law
• Corporate, Commercial and Taxation Law
• Innovation Law

Career opportunities
The MBL is suited to commercial, government or international careers which have a legal aspect but do not require a person to be a lawyer such as an entrepreneur, small-business owner, accountant, company secretary, commercial transaction negotiators and managers, human resources, sales and marketing and corporate governance professionals. It is also a valuable qualification if you are seeking a career in a field where knowledge of legal requirements is an advantage.

Faculty
Business School

Program Duration
1.5 years

Entry
February and July

Estimated first year tuition
A$38,160

Business Law

Master of Business Law
Program code 9031

Entry requirements

Program structure
The Master of Business Law consists of 12 courses (72 UOC): 2 core courses 3 gateway courses 6 specialisation courses 1 capstone course

Elective Specialisation Course (sample list) UOC

Management Work and Organisation 6
Global Business Operations and Management 6
Financial Economics 6
Social Impact Field Project 6

Choice of three courses from the following (depending on your chosen specialisation):
• Business Economics
• Management Accounting

Faculty
UNSW Canberra

Program Duration
1 year

Entry
February and July

Estimated first year tuition
A$38,200

Banking

Core Courses UOC

Teams, Ethics, and Competitive Advantage 6
One Data Analysis course 6
International Business 6
Business Economics 6
Financial Literacy for Business Decisions 6
Management and Leading People 6

Elective Specialisation Course (sample list) UOC

Corporate Governance 6
Credit Risk and Loan Policy 6
International Banking Management 6
Credit Risk and Loan Policy 6
One Data Analysis course 6

Elective Specialisation Course UOC

Global Business Strategy and Management 6
Managing Organisational Change 6
Strategic Human Resource Management 6
Strategic Management Technology Innovation 6

Faculty
Business School

Program Duration
1 year

Entry
February and July

Estimated first year tuition
A$37,680

Strategy Management Accounting (for Management Accounting specialisation)
Strategy, Marketing and Management (for all other specialisations)

Elective Specialisation Course (sample list) UOC

Teams, Ethics, and Competitive Advantage 6
One Data Analysis course 6

Elective Specialisation Course UOC

Strategic Management Accounting 6
Marketing and Leading People 6
Global Business Strategy and Management 6

Strategy Management Accounting (for Management Accounting specialisation)
Strategy, Marketing and Management (for all other specialisations)

Elective Specialisation Course (sample list) UOC

Teams, Ethics, and Competitive Advantage 6
One Data Analysis course 6

Elective Specialisation Course UOC

Strategic Management Accounting 6
Marketing and Leading People 6
Global Business Strategy and Management 6

Strategy Management Accounting (for Management Accounting specialisation)
Strategy, Marketing and Management (for all other specialisations)

Elective Specialisation Course (sample list) UOC

Teams, Ethics, and Competitive Advantage 6
One Data Analysis course 6

Elective Specialisation Course UOC

Strategic Management Accounting 6
Marketing and Leading People 6
Global Business Strategy and Management 6

Strategy Management Accounting (for Management Accounting specialisation)
Strategy, Marketing and Management (for all other specialisations)

Elective Specialisation Course (sample list) UOC

Teams, Ethics, and Competitive Advantage 6
One Data Analysis course 6

Elective Specialisation Course UOC

Strategic Management Accounting 6
Marketing and Leading People 6
Global Business Strategy and Management 6

Strategy Management Accounting (for Management Accounting specialisation)
Strategy, Marketing and Management (for all other specialisations)

Elective Specialisation Course (sample list) UOC

Teams, Ethics, and Competitive Advantage 6
One Data Analysis course 6

Elective Specialisation Course UOC

Strategic Management Accounting 6
Marketing and Leading People 6
Global Business Strategy and Management 6

Strategy Management Accounting (for Management Accounting specialisation)
Strategy, Marketing and Management (for all other specialisations)

Elective Specialisation Course (sample list) UOC

Teams, Ethics, and Competitive Advantage 6
One Data Analysis course 6

Elective Specialisation Course UOC

Strategic Management Accounting 6
Marketing and Leading People 6
Global Business Strategy and Management 6

Strategy Management Accounting (for Management Accounting specialisation)
Strategy, Marketing and Management (for all other specialisations)

Elective Specialisation Course (sample list) UOC

Teams, Ethics, and Competitive Advantage 6
One Data Analysis course 6

Elective Specialisation Course UOC

Strategic Management Accounting 6
Marketing and Leading People 6
Global Business Strategy and Management 6

Strategy Management Accounting (for Management Accounting specialisation)
Strategy, Marketing and Management (for all other specialisations)

Elective Specialisation Course (sample list) UOC

Teams, Ethics, and Competitive Advantage 6
One Data Analysis course 6

Elective Specialisation Course UOC

Strategic Management Accounting 6
Marketing and Leading People 6
Global Business Strategy and Management 6

Strategy Management Accounting (for Management Accounting specialisation)
Strategy, Marketing and Management (for all other specialisations)
Specialisation Courses 6 UOC
- Financial Economics 6
- Financial System Resource 6
- Investments and Portfolio Selection 6
- Elective Specialisation Course (sample list) UOC

Select three courses from the following:
- Real Estate Economics and Public Policy 6
- Financial Econometrics 6
- Financial Institution Management 6
- Derivatives and Risk Management Techniques 6
- Social Impact Field Project 6

Capstone Course UOC
- Capstone Portfolio Management Process 6

Enterprise Systems and Business Design
Core Courses 6 UOC
- Teams, Ethics and Competitive Advantage 6
- One Data Analysis course 6

Gateway Courses 6
- Compulsory Gateway Courses 6
- Financial Literacy for Business Decisions 6
e-Business 6
- Elective Gateway Courses 6

Select one course from the following:
- Finance and Risk Management Techniques 6
- Fixed Income Securities and Interest Rates 6
- Fixed Income Financial Markets 6
- Financial Planning and Risk Management 6
- Legal Foundations of Business 6
- Managing and Leading People 6
- Specialisation Courses 6

Required Specialisation Courses 6
- Enterprise Systems 6
- Business Analysis and Consulting 6
- Elective Specialisation Course (sample list) UOC

Select three courses from the following:
- Business Process Management 6
- Project Management 6
- Business Analytics 6
- Service and Quality Management 6
- Information Systems Auditing and Assurance 6
- Security and Ethics in Cyberspace 6
- Managing SSIT Risk 6
- Business Intelligence Methods 6

Select one course from the following:
- Managing Agile Organisations 6
- Management Accounting and Analysis 6
- Economics of Strategy 6
- Organisational Economics 6
- International Corporate Governance 6
- Tabulating and Structuring and Corporate Governance 6
- e-Business and the Law 6
- Distribution, Retail Channels and Logistics 6
- New Product and Service Development 6
- Global Business and Multinational Enterprise 6
- Social Impact Field Project 6

Global Business Operations and Management 6
- Asia Pacific Business and Management 6
- Capstone Courses UOC
- Strategy, Marketing and Management 6

International Business
Core Courses 6 UOC
- Teams, Ethics and Competitive Advantage 6
- One Data Analysis course 6

Gateway Courses 6
- Compulsory Gateway Courses 6
- Financial Literacy for Business Decisions 6
- Managing and Leading People 6
- Elective Gateway Courses 6

Select one course from the following:
- Advanced Financial Reporting 6
- Financial Markets and Institutions 6
- Fundamentals of Risk and Risk Management 6
- Legal Foundations of Business 6

Specialisation Courses 6
- International Human Resource Management 6
- Social Impact Field Project 6
- Elective Gateway Courses 6

Select one course from the following:
- Management Control Systems 6
- International Corporate Finance 6
- Business Law in a Global Economy 6
- International Business Tax 6
- Chinese Business and Management 6
- Global Business Operations and Management 6
- Special Topics in International Business 6
- International Human Resource Management 6
- Entrepreneurship and New Venture Management 6
- Business and Security 6
- Capstone Courses UOC
- Strategy, Marketing and Management 6

Management Accounting
Core Courses 6 UOC
- Teams, Ethics and Competitive Advantage 6
- Quantitative Methods for Business 6

Gateway Courses 6
- Financial Accounting 6
- Business Economics 6
- Investments and Portfolio Selection 6

Specialisation Courses 6
- Corporate Financial Management 6
- Advanced Financial Reporting 6
- Financial Markets and Institutions 6
- Fundamentals of Risk and Risk Management 6
- Legal Foundations of Business 6

Elective Gateway Courses 6
Select one course from the following:
- Management Control Systems 6
- Capital Budgeting and Financial Decisions 6
- Accounting Information Systems 6
- Elements of Marketing 6
- Global Business and Multinational Enterprise 6
- Human Resource Management 6
- Social Impact Field Project 6
- Capstone Courses UOC
- Strategy, Marketing and Management 6

Marketing
Core Courses 6 UOC
- Teams, Ethics and Competitive Advantage 6
- One Data Analysis Course 6

Gateway Courses 6
- Compulsory Gateway Courses 6
- Financial Literacy for Business Decisions 6
- Elements of Marketing 6

Specialisation Courses 6
- Financial Markets and Institutions 6
- Capstone Courses UOC
- Strategy, Marketing and Management 6

Elective Gateway Courses 6
Select one course from the following:
- Business Economics 6
e-Business 6
- Financial Markets and Institutions 6
- Organisational Behaviour 6
- Competitive Advantage Through People 6

Organisation and Management
Core Courses 6 UOC
- Teams, Ethics and Competitive Advantage 6
- One Data Analysis Course 6

Gateway Courses 6
- Compulsory Gateway Courses 6
- Financial Literacy for Business Decisions 6
- Elements of Marketing 6

Specialisation Courses 6
- Required Specialisation Courses 6
- Marketing Research 6

Elective Gateway Courses 6
Select one course from the following:
- Business Economics 6
e-Business 6
- Financial Markets and Institutions 6
- Organisational Behaviour 6
- Competitive Advantage Through People 6

Community Eye Health
Master of Community Eye Health
Program code 7681

Entry requirements
A recognised Bachelor degree and at least two years of relevant experience.

Faculty
Science

Program Duration
1 year by distance learning

Estimated first year tuition
A$33,840

Entry
February and July

Program structure
Students complete 48 UOC of core courses as described below:
Core Courses 6 UOC
- Introduction to Community Eye Health 6
- Community Eye Health Needs Assessment 6

Research Project 6 UOC

Research Project 12
- Epidemiology of Blinding Eye Diseases 6
- Vision Science and Education in Community Eye Health 6
- Eye Health Economics and Sustainability 6
- Eye Care Management 6
- Research Project 12
**Master of Criminal Justice and Criminology**

Program code 5018

**Entry requirements**
Undergraduate degree - minimum credit average OR undergraduate degree with minimum two years relevant professional experience.

**Program structure**
- A recognised Bachelor degree with at least a credit average (65) or equivalent. The Bachelor degree can be in any field. This provides admission into the 0.5 year program (24 UOC).
- A Graduate Certificate in Arts Administration or Diplomatic Heritage Studies.
- A recognised Bachelor degree (with at least a credit average (65) or equivalent) in property development and real estate. In addition to the academic requirement, you are required to have a minimum of 12 months management experience in the construction industry.

**Faculty**
- Law
- Education
- Arts
- Business

**Program Duration**
1 year

**Entry**
February and July

**Estimated first year tuition**
A$31,960

**Career opportunities**
- Students interested in further study can apply for direct admission to the advanced 1 year program (48 UOC).
- Related disciplines include Arts Management, Art History, Art Theory, Art Curation, Art Education, Museum and Heritage Studies, Cultural Heritage Materials Conservation, Design Education.

**Specialisations**
- Curating: focuses on a contemporary curatorial approach as a diverse and dynamic profession. It provides direct admission to the advanced 1 year program (48 UOC).
- Research Foundations in Art & Design
- Research in Art & Design
- Australian Arts Ecology
- Writing for Different Cultures
- Cultural Property, Ethics & Law
- Art and Design for Non-Profits
- Beyond Modernities
- Research Paper or Exhibition Project
- Cultural Leadership Stream (36 UOC)
- Leadership
- Arts and Cultural Policy
- Curating Stream (38 UOC)
- Exhibiting Cultures
- Contemporary Curating
- Select 4 of the following courses: UOC
- Financial Literacy for Business Decisions
- Managing Agile Organisations

**Graduate Diploma in Cultural Leadership**

Program code 5132

**Entry requirements**
Depending on the level and nature of prior qualifications, admission to the Graduate Diploma in Curating and Cultural Leadership may be up to three entry points with different durations:
- A recognised Bachelor degree with at least a credit average (65) or equivalent. The Bachelor degree can be in any field. This provides admission into the 1 year program (46 UOC).
- A recognised Bachelor degree in a related field with at least a credit average (65) or equivalent. This provides admission into the 0.5 year program (24 UOC).
- A recognised Bachelor degree in a related field with at least a credit average (65) or equivalent. This provides admission into the 1.5 year program (72 UOC).

**Program structure**
- 4 Prescribed Core Courses: 24 UOC
- 3 Stream Courses: 18 UOC
- 1 Elective Course 6

**Estimated first year tuition**
A$31,560

**University of New South Wales**

international.unsw.edu.au | handbook.unsw.edu.au
Graduate Certificate in Cultural Leadership
Program code: 7318

Faculty
Art & Design
Program Duration
6 months
Entry
February and July
Estimated first year tuition
A$14,280

Graduate Diploma in Design
Program code: 7306

Faculty
Art & Design
Program Duration
1 year
Entry
February and July
Estimated first year tuition
A$28,560

Master of Cyber Security Operations
Program code: 8628

The Master of Cyber Security Operations is designed for postgraduate scholars and professional managers with appropriate undergraduate qualifications in IT, computer science, electrical computer or systems engineering in a related discipline and/or extensive relevant professional experience who wish to gain a more detailed understanding of the technical skills and expertise relevant to the technical implementation and leadership of the cyber security function. For more information, visit handbook.unsw.edu.au/courses/graduate/master-of-cyber-security

Master of Design
Program code: 9313

Entry requirements
- A recognised Bachelor degree with at least a credit average (65) or equivalent.
- A recognised Bachelor degree in a related field with at least a credit average (65) or equivalent.
- An Honours Degree in a cognate field.

Program structure
- 2 years

Graduate Certificate in Design
Program code: 7306

Faculty
Art & Design
Program Duration
6 months
Entry
February and July
Estimated first year tuition
A$14,280

Visualisation and Visual Effects
- Involves design for animation, 3D sound, film, video, illustration, computing and other digital media
- Exploring 3D Visualisation
- 3D Digital Aesthetics
- 3D Immersion and Interaction
- Design and Production in Context
- Design Context courses

Graduation
- Involves interactive visual communication and user experience across graphics, media and emerging technologies
- Fundamentals of Interaction Design: Human - Computer Interactions
- Interactive Design Proposals for Products and Services
- Tangible Interfaces, Immersive Interactions
- Design and Production in Context

Career opportunities
The Master of Design program provides early-career design professionals with new perspectives on design practice, concentrating on flexible, integrated, interdisciplinary approaches to design informed by a combination of the latest thinking and academic research. The Master of Design program combines an industry-engaged, studio-based and exploratory approach that incorporates opportunities for students to work collaboratively and to experiment with new and unfamiliar technologies. The combination of design theory, research and development, that underpins the program along with the opportunities it offers for students to pursue and experiment with innovative and new technical studio practices is conceived to prepare and inform graduate designers to assist them to contribute to and shape rapidly evolving international design contexts and future workplace cultures in response to significant creative, social and environmental challenges and opportunities.

Cyber Security

Master of Cyber Security
Program code: 8628

The Master of Cyber Security is designed for postgraduate scholars and professional managers with appropriate undergraduate qualifications in IT, computer science, electrical computer or systems engineering in a related discipline and/or extensive relevant professional experience who wish to gain a more detailed understanding of the managerial and technical skills and expertise relevant to the technical implementation and leadership of the cyber security function. For more information, visit handbook.unsw.edu.au/courses/graduate/master-of-cyber-security

Design Context courses
- A recognised Bachelor degree.
- Applicants who submit evidence of other academic qualifications in a cognate field, with an additional minimum 2 years of verified professional design experience
- In exceptional cases an applicant who submits evidence of such other academic qualifications and professional experience, as may be approved by the Committee, may be permitted to enrol for the qualification as a pathway to the Master of Design.
Program structure

1.5 Year Program (72 UOC)
- 1 Core Course (36 UOC)
- 1st Year (9 UOC)
- 2 Research Courses (9 - 18 UOC)
- Elective Courses (18 - 30 UOC)

1 Year Program (48 UOC)
- 1 Core Course (24 UOC)
- 2 Research Courses (9 - 18 UOC)
- Elective Courses (18 - 30 UOC)

International Development Specialisation

Core Courses UOC
- Non-Government Organisations and Development 6
- International Government Policy 6
- Development, Rights and Health 6

Research Methods (1.5 year stream only) 6
Project Design (1.5 year stream only) 6

Research Courses UOC
- Complete 1 research course:
  - Research Report 6
  - Research Project* 12
  - Research Thesis* 18

Elective Courses UOC
- Complete between 6 to 30 UOC of elective courses depending on your program duration and research course selection. Electives include:
  - Non-Government Organisations and Development 6
  - Development, Rights and Health 6
  - Climate Change and Development 6
  - The Legal Landscape of the Sharing Economy 6
  - International Organisations and Foreign Policy 6
  - The International Political Economy 6
  - Politics of International Law 6
  - Politics of International Relations 6
  - Politics of International Aid 6
  - Rights Based Project Design and Evaluation 6
  - International Advocacy 6
  - Development and the UN 6
  - Policy Analysis 6
  - Policy and Advocacy 6
  - Power, Politics and Policy 6
  - Research Methods (1 year stream only) 6

Refugee and Displacement Specialisation

Core Courses UOC
- International Development Policy 6
- Refugees and Forced Migration 6
- Protection in Practice 6
- Research Methods (1.5 year stream only) 6
- Project Design (1.5 year stream only) 6

Research Courses UOC
- Complete 1 research course:
  - Research Report 6
  - Research Project* 12
  - Research Thesis* 18

Elective Courses UOC
- Complete between 6 to 30 UOC of elective courses depending on your program duration and research course selection. Electives include:
  - International Development Policy 6
  - Rights Based Project Design and Evaluation 6
  - International Advocacy 6
  - Development and the UN 6
- Policy Analysis 6
- Policy and Advocacy 6
- Power, Politics and Policy 6
- Research Methods (1 year stream only) 6

Entry requirements
- Entrance requirements
- Undergraduate degree - minimum credit average OR undergraduate degrees with minimum two years relevant professional experience.
- Program structure
- You are required to complete two compulsory courses, Dispute Resolution and Principled Negotiation (12 UOC) with the balance of the program selected from the elective courses on offer.
- Non-mature graduates must complete one of the following courses: Legal Concepts, Research and Writing for Business Law or Legal Concepts, Research and Writing for Criminal Justice and Criminology. See law.unsw.edu.au/for more information.

Entry requirements
- Undergraduate degree. See the Master of Dispute Resolution entry and law.unsw.edu.au for further information.

Entry requirements
- Category A - A recognised Hons degree (with a research thesis) in economics with a Second Upper Class (2.1) or better.
- Category B - A recognised Bachelor degree (or equivalent) in economics with a minimum overall average of 70%, as determined by UNSW Business School. The economics major must include second- or third-year courses in microeconomics, macroeconomics, econometrics and mathematical economics at a minimum average grade of 70% for these courses.
- Category C - A Graduate Certificate in Economics (equivalent to that offered at UNSW) with a minimum overall average of 70%, as determined by UNSW Business School. Please consult the following website for further assessment criteria:
- Program structure
- Choose four courses from the following:
  - Advanced Microeconomic Analysis 6
  - Advanced Macroeconomic Analysis 6
  - Advanced Economical Theory 6
  - Policy Evaluation Methods 6
  - Applied Econometrics 6
  - Strategic Market Behaviour 6

Entry requirements
- A recognised undergraduate degree OR a postgraduate teaching qualification (e.g. Graduate Diploma of Education or Master of Teaching) OR a four year pre-service teacher education qualification, including professional experience, equivalent to the qualifications required for graduate study.
- The Master of Education one year degree programs are designed for qualified teachers and educators who wish to expand their career opportunities and enhance their professional development.
- Specialisations
  - Educational Psychology
  - Educational Studies
  - Gifted Education
  - Higher Education
  - Special Education
  - TESOL (Teaching English to Speakers of Other Languages)
  - Visual Arts Education

Entry requirements
- The Master of Education includes two compulsory courses, Educational Psychology and Educational Studies, as well as a range of additional courses.
- Program structure
- Students are required to complete 24 credit points of coursework, including at least one course from each of the following categories: Special Education, TESOL, and Visual Arts Education.
- Students are also required to complete a thesis, which may be either a research thesis or a professional thesis, depending on their background.
- Program duration
- 1 year full-time or 1.5 years part-time.
- Program fees
- Estimated first year tuition fees for Australian citizens and permanent residents: A$38,160.
- Estimated first year tuition fees for international students: A$55,900.
- Entry requirements
- A recognised undergraduate degree or a postgraduate teaching qualification (e.g. Graduate Diploma of Education or Master of Teaching) OR a four year pre-service teacher education qualification, including professional experience, equivalent to the qualifications required for graduate study.
- Career opportunities
- Lawyers and practitioners from non-legal backgrounds have identified the need to expand their skills and knowledge in the new and ever changing field of professional dispute resolution. This program would be of particular relevance to professionals such as court registrars, policy advisors, lawyers, mediators, arbitrators, diplomats, and industrial relations specialists.
Gifted Education Research 12 UOC
Complete 1 research methodology course from the following list:
- Ethnographic Methodology
- Educational Research Design
- Survey Research
- Qualitative Research Method
- Classroom-based Research
- AND complete 1 research project course:
  - Research Project

Gifted Education Elective Courses 12 UOC
Complete 2 elective courses from the full range of Master of Education options. Refer to Master of Education (Educational Studies) for the full list.

Gifted Education Core Courses 24 UOC
Complete 7 core courses:
- Issues in Higher Education
- AND complete 3 courses from the following list:
  - Student Learning in Higher Education
  - Educational Design for Learning in Higher Education
  - Enhancing Learning & Teaching in Higher Education

Gifted Education Research Courses 12 UOC
Complete 1 research methodology course from the following list:
- Ethnographic Methodology
- Educational Research Design
- Survey Research
- Qualitative Research Method
- Classroom-based Research
- Researching in Higher Education
- AND complete 1 research project course:

Gifted Education Elective Courses 12 UOC
Complete 2 elective courses from the full range of Master of Education options. Refer to Master of Education (Educational Studies) for the full list.

Gifted Education Core Courses 24 UOC
Complete 7 core courses:
- Issues in Higher Education
- AND complete 3 courses from the following list:
  - Student Learning in Higher Education
  - Educational Design for Learning in Higher Education
  - Enhancing Learning & Teaching in Higher Education

Gifted Education Research Courses 12 UOC
Complete 1 research methodology course from the following list:
- Ethnographic Methodology
- Educational Research Design
- Survey Research
- Qualitative Research Method
- Classroom-based Research
- Researching in Higher Education
- AND complete 1 research project course:

Special Education - 48 UOC or 8 courses
Strand 1 (48 UOC)
For qualified teachers who hold an accredited specialist qualification in Special Education and who have prior work in this area.

Strand 2 (24 UOC)
For qualified teachers who hold an accredited specialist qualification in Special Education and who wish to extend their professional learning, with the option of going on to higher degrees.

Special Education Core Courses 48 UOC
Strand 1 - Complete 12 courses:
- Strand 2 - Complete 12 courses from the following list:
  - Behaviour Management of Exceptional Students

Special Education Core Courses 48 UOC
Strand 1 - Complete 12 courses:
- Strand 2 - Complete 12 courses from the following list:
  - Special Education in Language Education

Special Education 12 UOC
Complete 2 elective courses from the full range of Master of Education options. Refer to Master of Education (Educational Studies) for the full list.

Special Education Elective Courses 12 UOC
Complete 2 elective courses from the full range of Master of Education options. Refer to Master of Education (Educational Studies) for the full list.

Special Education Core Courses 48 UOC
Strand 1 - Complete 12 courses:
- Strand 2 - Complete 12 courses from the following list:
  - Special Education in Language Education

Special Education 12 UOC
Complete 2 elective courses from the full range of Master of Education options. Refer to Master of Education (Educational Studies) for the full list.

Special Education Elective Courses 12 UOC
Complete 2 elective courses from the full range of Master of Education options. Refer to Master of Education (Educational Studies) for the full list.

Special Education Core Courses 48 UOC
Strand 1 - Complete 12 courses:
- Strand 2 - Complete 12 courses from the following list:
  - Special Education in Language Education

Special Education 12 UOC
Complete 2 elective courses from the full range of Master of Education options. Refer to Master of Education (Educational Studies) for the full list.

Special Education Elective Courses 12 UOC
Complete 2 elective courses from the full range of Master of Education options. Refer to Master of Education (Educational Studies) for the full list.

Special Education Core Courses 48 UOC
Strand 1 - Complete 12 courses:
- Strand 2 - Complete 12 courses from the following list:
  - Special Education in Language Education

Special Education 12 UOC
Complete 2 elective courses from the full range of Master of Education options. Refer to Master of Education (Educational Studies) for the full list.

Special Education Elective Courses 12 UOC
Complete 2 elective courses from the full range of Master of Education options. Refer to Master of Education (Educational Studies) for the full list.
The Master of Educational Leadership is designed for qualified or practicing teachers and educators wishing to advance their knowledge of the latest theory and research that informs educational leadership practice.

**Entry requirements**
- A recognised Bachelor degree and a postgraduate teaching qualification (e.g. Graduate Diploma of Education or Master of Teaching) OR
- A four year pre-service teacher education qualification, including professional experience, equivalent to the qualifications required for Graduate teacher status in NSW.

**Program structure**
- Core courses (12 UOC) including 2 core courses (12 UOC) and 6 elective courses (36 UOC) with a minimum of 4 electives to be chosen from Educational Leadership electives.
- Complete 2 core courses: Organisation Theory in Education 6

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**Master of Educational Leadership**

**Program code:** 8960

**Entry requirements**
- A recognised Bachelor degree and a postgraduate teaching qualification (e.g. Graduate Diploma of Education or Master of Teaching) OR
- A four year pre-service teacher education qualification, including professional experience, equivalent to the qualifications required for Graduate teacher status in NSW.

**Program structure**
- Core courses (12 UOC) including 2 core courses (12 UOC) and 6 elective courses (36 UOC) with a minimum of 4 electives to be chosen from Educational Leadership electives.
- Complete 2 core courses: Organisation Theory in Education 6

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**Master of Engineering Science**

**Program code:** 5341

**Entry requirements**
- A recognised four year degree in a relevant discipline, or another specialisation within the same discipline, or another specialisation within the same discipline.

**Program structure**
- This degree is offered in the following specialisations (streams):
  - Biomedical Engineering
  - Chemical Engineering
  - Civil Engineering
  - Electrical Engineering

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**Graduate Certificate in Engineering Science**

**Program code:** 7210

**Entry requirements**
- Recognised four year degree in a relevant discipline, or another specialisation within the same discipline.

**Program structure**
- This degree is offered in the following specialisations (streams):
  - Civil Engineering

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**Master of Engineering Science (Specialisations)**

**Program code:** 96 UC

**Specialisation Authority**
- Graduate School of Biomedical Engineering

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**Biomedical Engineering (96 UC)**

**Program Structure**
- Disciplinary and foundational courses (108 UOC)
  - Disciplinary: up to 24 UC of disciplinary courses are selected from relevant disciplines such as Electrical, Chemical, and Mechanical Engineering on approval of the program authority. Up to 12 UOC of foundational courses may be taken to provide necessary background and only with program authority approval. These could include one or two courses from:
    - Biomedical Engineering
    - Advanced Disciplinary Knowledge Courses
  - Course codes listed above are indicative. Please check with the program authority for details of the course content and availability.

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**Engineering**

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**Master of Engineering**

**Program code:** 8821

**Entry requirements**
- Recognised four-year engineering degree at least equivalent to the first three years of an accredited engineering degree in either civil, electrical, environmental, mechanical or telecommunications engineering with a minimum 65% average as determined by the UNSW Postgraduate Entry Score Calculator.

**Program Structure**
- Core courses provide a firm foundation in signal processing, system control, energy systems, microelectronics systems and photonics and other electrical systems.

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**Biomedical Engineering (96 UC)**

**Specialisation Authority**
- Graduate School of Biomedical Engineering

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**Biomedical Engineering (96 UC)**

**Program Structure**
- Disciplinary and foundational courses (108 UOC)
  - Disciplinary: up to 24 UC of disciplinary courses are selected from relevant disciplines such as Electrical, Chemical, and Mechanical Engineering on approval of the program authority. Up to 12 UOC of foundational courses may be taken to provide necessary background and only with program authority approval. These could include one or two courses from:
    - Biomedical Engineering
    - Advanced Disciplinary Knowledge Courses
  - Course codes listed above are indicative. Please check with the program authority for details of the course content and availability.

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**Master of Engineering Science (Specialisations)**

**Program code:** 96 UC

**Specialisation Authority**
- Graduate School of Biomedical Engineering

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**Biomedical Engineering (96 UC)**

**Program Structure**
- Disciplinary and foundational courses (108 UOC)
  - Disciplinary: up to 24 UC of disciplinary courses are selected from relevant disciplines such as Electrical, Chemical, and Mechanical Engineering on approval of the program authority. Up to 12 UOC of foundational courses may be taken to provide necessary background and only with program authority approval. These could include one or two courses from:
    - Biomedical Engineering
    - Advanced Disciplinary Knowledge Courses
  - Course codes listed above are indicative. Please check with the program authority for details of the course content and availability.

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**Engineering Science**

**Program code:** 5341

**Entry requirements**
- Recognised four year degree in a relevant discipline, or another specialisation within the same discipline.

**Program structure**
- This degree is offered in the following specialisations (streams):
  - Biomedical Engineering
  - Chemical Engineering
  - Civil Engineering
  - Electrical Engineering
Complex Fluid Microstructure and Rheology

PLUS 24 UOC selected from the following:

• Advanced Process Control
• Complex Fluid Microstructure and Rheology
• Geospatial Engineering (96 UOC)

Electives (maximum 24 UOC) UOC

Students may choose the remainder of the electives from the Disciplinary or Advanced Disciplinary Knowledge courses listed above or with the approval of the stream authority where appropriate.

Students may only choose electives for which they are appropriately prepared by way of prior learning. UP to 12 UOC of Foundation Knowledge courses may be approved as electives by the Stream Authority where appropriate.

Food Process Engineering (96 UOC)

Specialisation Authority

School of Chemical Engineering

Disciplinary Knowledge Courses UOC

Minimum 24 UOC (4 courses) chosen from the following:

• Problem Solving for Engineers
• Deformation Monitoring Surveys
• Generalised Traffic Survey (core course)
• Precise GPS Positioning
• Principles of Programming

Advanced Disciplinary Knowledge Courses UOC

Minimum 24 UOC (4 courses) chosen from the following:

• Fundamentals of Geosensing (core course)
• Geospatial Data Generators
• Aerial and Satellite Imaging Systems
• Computer Vision
Students must include at least 6 UOC of Advanced Disciplinary Knowledge courses (Level 3) and from the list of approved courses from other schools at the following link: engineering.unsw.edu.au/mechanical-

Specialisation Authority

School of Mechanical Engineering

Disciplinary Knowledge Courses

MEngSc Project B 6

Engineering Postgraduate Research Skills 6

Electives (24 UOC)

Students must include at least 6 UOC of Engineering and Technical Management (ETM) courses from the following list:

Life Cycle Engineering 6

Project Management Project Management Framework 6

Economic Decision Analysis in Engineering 6

Paper setting and Maintenance Engineering 6

Students may choose the remainder of the electives from the Advanced Disciplinary Knowledge courses listed above, from the Engineering and Technical Management (ETM) courses and from the list of approved courses from other schools at the following link: engineering.unsw.edu.au/mechanical-

Disciplinary Knowledge Courses (24 - 30 UOC)

MEngSc Project A 6

PLUS Engineering Postgraduate Research Skills 6

Advanced Disciplinary Knowledge Courses 6

At least 6 UOC Engineering and Technical Management (ETM) courses must be chosen.

MEngSc Project B 6

PLUS choose 6-12 UOC advanced electives from the following list:

Students must include at least 6 UOC of Advanced Disciplinary Knowledge courses and Advanced Disciplinary Knowledge courses must be met. Up to 12 UOC of foundation courses level 3 may be approved by the Program Authority as prerequisites.

MEngSc Project A 6

PLUS choose 6-12 UOC advanced electives from the following list:

Students must include at least 6 UOC of Advanced Disciplinary Knowledge courses and Advanced Disciplinary Knowledge courses must be met. Up to 12 UOC of foundation courses level 3 may be approved by the Program Authority as prerequisites.

MEngSc Project B 6

PLUS Engineering Postgraduate Research Skills 6

Advanced Disciplinary Knowledge Courses 6

At least 6 UOC Engineering and Technical Management (ETM) courses must be chosen.
Space Law and Radio Regulations 6
Space Systems Architectures and Orbits 6
Space Systems Engineering 6

Satellite Engineering Project B 12
Satellite Applications 1 6

At least 6 UoC Engineering and Technical Management (ETM) to be chosen from the approved ETM list. The remainder of electives may be chosen from disciplinary or advanced disciplinary courses from this specialisation, or another specialisation within the Master of Engineering Science program subject to students being sufficiently prepared by way of prior learning.

Transportation Engineering (96 UOC)

Specialisation Authority
School of Civil and Environmental Engineering

Disciplinary Knowledge Courses

Minimum 24 UOC (4 courses) chosen from the following:

- Engineering Contracts
- Deformation Monitoring Surveys

Advanced Disciplinary Knowledge Courses UOC

Minimum 6 UOC (3 courses) chosen from:

- Project Report A
- Project Report B
- Engineering Postgraduate Research Skills

Electives (24 UOC)

Electives may choose any course for which they are eligible to enrol, as electives, including any of the courses listed above.

At least 6 UOC must be taken from the Engineering & Technical Management Courses.

Disciplinary Knowledge Courses UOC

Minimum 6 UOC (3 courses) chosen from:

- Power System Analysis
- Advanced Digital Signal Processing

PLUS

At least 6 UOC must be taken from the Engineering & Technical Management Courses (ETM) to be chosen.

Students may choose any course for which they are eligible to enrol, as electives, including any of the courses listed above.

At least 6 UOC must be taken from the Engineering & Technical Management Courses.

Electives (24 UOC)

Students may choose any course for which they are eligible to enrol, as electives, including any of the courses listed above.

At least 6 UOC must be taken from the Engineering & Technical Management Courses.

Electives (24 UOC)

Students may choose any course for which they are eligible to enrol, as electives, including any of the courses listed above.

At least 6 UOC must be taken from the Engineering & Technical Management Courses.

Electives (24 UOC)

Students may choose any course for which they are eligible to enrol, as electives, including any of the courses listed above.

At least 6 UOC must be taken from the Engineering & Technical Management Courses.

Electives (24 UOC)

Students may choose any course for which they are eligible to enrol, as electives, including any of the courses listed above.

At least 6 UOC must be taken from the Engineering & Technical Management Courses.

Electives (24 UOC)

Students may choose any course for which they are eligible to enrol, as electives, including any of the courses listed above.

At least 6 UOC must be taken from the Engineering & Technical Management Courses.
Environmental Management

Master of Environmental Management
Program code 8823

Entry requirements
- A recognised Bachelor degree in any discipline of study. Relevant experience will also be considered for admission. In special circumstances, students who do not have such qualifications may be considered for admission.

Program structure
- Discipline Knowledge Courses
  - Ecosystems Management 6
  - Environmental Management: Economics Fundamentals 6
  - Environmental Law Fundamentals 6
  - Environmental Management: Physical Science Fundamentals 6
  - Environmental Management: Social Science Fundamentals 6
  - Environmental Management: Engineering Fundamentals 6
- Professional Knowledge Courses
  - Biodiversity & Conservation of Natural Resources 6
  - Environmental Impact Assessment 6
  - Social and Economic Policy and Sustainability 6
- Advanced Disciplinary/Interdisciplinary courses
  - Core Courses
    - Students must take the following three core courses:
    - Frameworks for Environmental Management 6
    - Tools for Environmental Management 6
  - Electives
    - Managing Greenhouse Gas Emissions 6

Estimated first year tuition
$35,280

Graduate Certificate in Environmental Management
Program code 7329

Entry requirements
- A recognised Bachelor degree in any discipline. In special circumstances students who do not have such qualifications may be considered for admission.

Program structure
- This program involves 24 units of credit of study, providing an introduction to the frameworks (especially sustainability), tools and basic disciplinary knowledge relevant to environmental management. Courses include one core course, two fundamental knowledge courses and one elective course. It is fully articulated with the Graduate Diploma and Master of Environmental Management.

Estimated first year tuition
$16,000

Graduate Diploma in Environmental Management
Program code 5499

Entry requirements
- A recognised Bachelor degree in any discipline. In special circumstances students who do not have such qualifications may be considered for admission.

Program structure
- This program involves 48 units of credit of study for people wanting a solid grounding in the frameworks (especially sustainability), tools and basic disciplinary knowledge relevant to environmental management and basic disciplinary knowledge relevant to environmental management. It is fully articulated with the Master of Environmental Management.

Estimated first year tuition
$30,720

Environmental Management

Master of Engineering Science
Program code 8569

The Master of Engineering Science enables students with appropriate undergraduate qualifications to undertake more advanced study in engineering and possibly to specialise in:

- Electrical Engineering
- C4ISREW
- the following streams:
  - CADSREW
  - Data Communications and Analysis
  - Electrical Engineering

Estimated first year tuition
$35,280

Finance

Master of Finance
Program code 8406

Entry requirements
- A recognised Bachelor degree (or equivalent qualification) majoring in finance with a credit average overall, as determined by UNSW Business School. You must have demonstrated competence in mathematics and statistical methods. Entry is based on academic achievement only and work experience will not be assessed. Please consult the following website for further assessment criteria: business.unsw.edu.au

Program structure
- This program consists of eight courses (48 UOC), four core courses and four elective courses.

Core Courses
- UOC
  - Professional Competencies in Environmental Studies (with IEST code):
    - Professional Competences in Corporate Sustainability: Internal Responses 6
  - Environment Internship 6
  - Media Advocacy & Public Education 6
  - Environmental Management Systems 6
  - Managing Greenhouse Gas Emissions 6

Electives
- UOC
  - Select four courses from any of the streams below:
    - Corporate Finance
      - Business Analysis and Valuation 6
      - International Corporate Finance 6
    - Applied Finance
      - International Financial Statement Analysis 6
      - International Corporate Governance: AND/OR
        - Corporate Governance 6
        - Advanced Funds Management 6
      - Alternative Asset Classes 6
      - International Financial Institution Management 6
    - Financial Planning
      - Financial Planning Advice 6
      - International Corporate Finance 6
    - Risk and Insurance
      - Risk and Insurance 6
      - Financial Institution Management 6
    - Real Estate Finance and Investment
      - Real Estate Finance and Investment 6
      - Alternative Asset Classes 6
      - Risk and Insurance 6

Estimated first year tuition
$38,160

Graduate Diploma in Financial Analysis
Program code 8413

Entry requirements
- A recognised Bachelor degree (or equivalent qualification) majoring in finance or accounting with a credit average overall, as determined by UNSW Business School. Please consult the following website for further assessment criteria: business.unsw.edu.au

Program structure
- This program consists of eight courses (48 UOC). At least 3 accounting elective courses (from List A and C) and 3 finance elective courses (from List B and C) are required. For exemptions, please consult the CPA website.

List A: Accounting Courses
1. Auditing and Assurance Services 6
2. Enterprise Strategy for Management Accountants 6
3. Business Risk Management 6
4. Managing Intangible Resources 6
5. E-Business Strategies and Processes 6
6. Financial Accounting 6

List B: Finance Courses
1. International Financial Statement Analysis 6
2. Auditing and Assurance Services 6
3. Strategic Management of Credit Risk and Loan Policy 6
5. Risk and Insurance 6
6. International Corporate Governance: AND/OR
   - Corporate Governance 6
   - Advanced Funds Management 6
7. International Banking Management 6
8. Alternative Asset Classes 6
9. Financial Planning Advice 6
10. International Corporate Governance: AND/OR
    - Corporate Governance 6
    - Advanced Funds Management 6

List C: Capstone Course
- UOC
  - Business Analysis and Valuation 6

Estimated first year tuition
$38,160

Graduate Certificate in Accounting
Program code 7939

Entry requirements
- A recognised Bachelor degree (or equivalent qualification) majoring in finance or accounting with a credit average overall, as determined by UNSW Business School. For exemptions, please consult the CPA website.

Program structure
- This program involves 24 units of credit of study, providing an introduction to the frameworks (especially sustainability), tools and basic disciplinary knowledge relevant to environmental management. Courses include one core course, two fundamental knowledge courses and one elective course. It is fully articulated with the Graduate Diploma and Master of Environmental Management.

Estimated first year tuition
$16,000

Graduate Diploma in Business Analysis and Valuation
Program code 8420

Entry requirements
- A recognised Bachelor degree (or equivalent qualification) majoring in finance or accounting with a credit average overall, as determined by UNSW Business School. Please consult the following website for further assessment criteria: business.unsw.edu.au

Program structure
- This program consists of eight courses (48 UOC), four core courses and four elective courses.

Core Courses
- UOC
  - Professional Competencies in Environmental Studies (with IEST code):
    - Professional Competences in Corporate Sustainability: Internal Responses 6
  - Environment Internship 6
  - Media Advocacy & Public Education 6
  - Environmental Management Systems 6
  - Managing Greenhouse Gas Emissions 6

Electives
- UOC
  - Select four courses from any of the streams below:
    - Corporate Finance
      - Business Analysis and Valuation 6
      - International Corporate Finance 6
    - Applied Finance
      - International Financial Statement Analysis 6
      - International Corporate Governance: AND/OR
        - Corporate Governance 6
        - Advanced Funds Management 6
      - Alternative Asset Classes 6
      - International Financial Institution Management 6
    - Financial Planning
      - Financial Planning Advice 6
      - International Corporate Finance 6
    - Risk and Insurance
      - Risk and Insurance 6
      - Financial Institution Management 6
    - Real Estate Finance and Investment
      - Real Estate Finance and Investment 6
      - Alternative Asset Classes 6
      - Risk and Insurance 6

Estimated first year tuition
$38,160

Graduate Diploma in Business Analysis and Valuation
Program code 8413

Entry requirements
- A recognised Bachelor degree (or equivalent qualification) majoring in finance or accounting with a credit average overall, as determined by UNSW Business School. Please consult the following website for further assessment criteria: business.unsw.edu.au

Program structure
- This program consists of eight courses (48 UOC). At least 3 accounting elective courses (from List A and C) and 3 finance elective courses (from List B and C) are required. For exemptions, please consult the CPA website.

List A: Accounting Courses
1. Auditing and Assurance Services 6
2. Enterprise Strategy for Management Accountants 6
3. Business Risk Management 6
4. Managing Intangible Resources 6
5. E-Business Strategies and Processes 6
6. Financial Accounting 6

List B: Finance Courses
1. International Financial Statement Analysis 6
2. Auditing and Assurance Services 6
3. Strategic Management of Credit Risk and Loan Policy 6
5. Risk and Insurance 6
6. International Corporate Governance: AND/OR
   - Corporate Governance 6
   - Advanced Funds Management 6
7. International Banking Management 6
8. Alternative Asset Classes 6
9. Financial Planning Advice 6
10. International Corporate Governance: AND/OR
    - Corporate Governance 6
    - Advanced Funds Management 6

List C: Capstone Course
- UOC
  - Business Analysis and Valuation 6

Estimated first year tuition
$38,160

Graduate Diploma in Business Analysis and Valuation
Program code 8420

Entry requirements
- A recognised Bachelor degree (or equivalent qualification) majoring in finance or accounting with a credit average overall, as determined by UNSW Business School. Please consult the following website for further assessment criteria: business.unsw.edu.au

Program structure
- This program consists of eight courses (48 UOC), four core courses and four elective courses.

Core Courses
- UOC
  - Professional Competencies in Environmental Studies (with IEST code):
    - Professional Competences in Corporate Sustainability: Internal Responses 6
  - Environment Internship 6
  - Media Advocacy & Public Education 6
  - Environmental Management Systems 6
  - Managing Greenhouse Gas Emissions 6

Electives
- UOC
  - Select four courses from any of the streams below:
    - Corporate Finance
      - Business Analysis and Valuation 6
      - International Corporate Finance 6
    - Applied Finance
      - International Financial Statement Analysis 6
      - International Corporate Governance: AND/OR
        - Corporate Governance 6
        - Advanced Funds Management 6
      - Alternative Asset Classes 6
      - International Financial Institution Management 6
    - Financial Planning
      - Financial Planning Advice 6
      - International Corporate Finance 6
    - Risk and Insurance
      - Risk and Insurance 6
      - Financial Institution Management 6
    - Real Estate Finance and Investment
      - Real Estate Finance and Investment 6
      - Alternative Asset Classes 6
      - Risk and Insurance 6

Estimated first year tuition
$38,160

Graduate Diploma in Business Analysis and Valuation
Program code 8413

Entry requirements
- A recognised Bachelor degree (or equivalent qualification) majoring in finance or accounting with a credit average overall, as determined by UNSW Business School. Please consult the following website for further assessment criteria: business.unsw.edu.au

Program structure
- This program consists of eight courses (48 UOC). At least 3 accounting elective courses (from List A and C) and 3 finance elective courses (from List B and C) are required. For exemptions, please consult the CPA website.

List A: Accounting Courses
1. Auditing and Assurance Services 6
2. Enterprise Strategy for Management Accountants 6
3. Business Risk Management 6
4. Managing Intangible Resources 6
5. E-Business Strategies and Processes 6
6. Financial Accounting 6

List B: Finance Courses
1. International Financial Statement Analysis 6
2. Auditing and Assurance Services 6
3. Strategic Management of Credit Risk and Loan Policy 6
5. Risk and Insurance 6
6. International Corporate Governance: AND/OR
   - Corporate Governance 6
   - Advanced Funds Management 6
7. International Banking Management 6
8. Alternative Asset Classes 6
9. Financial Planning Advice 6
10. International Corporate Governance: AND/OR
    - Corporate Governance 6
    - Advanced Funds Management 6

List C: Capstone Course
- UOC
  - Business Analysis and Valuation 6

Estimated first year tuition
$38,160
**Master of Food Science**

Program code 8337

Entry requirements

- Students must hold either a Bachelor degree in Food Science with a minimum 65% average as determined by the UNSW Postgraduate Entry Score Calculator, or a Graduate Diploma in Food Science from UNSW, or an equivalent qualification from another recognised university or tertiary institution.

Program structure

- Students must complete 18 UOC of courses to be eligible for the degree, and must complete:
  - At least 18UOC of research-based courses (at least 120U of which must be advanced research-based courses)
  - At least 6UOC of Compulsory Courses
  - At least 12UOC of Disciplinary Knowledge Courses

Core Courses

- Food Science and Technology (FOODKS837)
  - The stream requires successful completion of seven core courses (Group A) and five elective courses (Group B) to total 72 UOC.

Estimated first year tuition

A$36,960

Entry

February and July

**Forensic Mental Health**

Program code 9012

Entry requirements

- Bachelor’s degree in health, law or criminology and honours/postgraduate in one of these disciplines or 3 years professional experience in health, law or criminology.

Core Courses

- Core (24 UOC) UOC
  - Law and Mental Health
  - Psychiatry and Criminal Law

Estimated first year tuition

A$39,120

Entry

February and July (February commencement recommended)

**Graduate Diploma in Forensic Mental Health**

Program code 5512

Entry requirements

- Bachelor’s degree in health, law or criminology and honours/postgraduate in one of these disciplines or 3 years professional experience in health, law or criminology.

Core Courses

- Core (18 UOC) UOC
  - Note: Approval must be obtained from the Program Coordinator regarding course selection.

Estimated first year tuition

A$32,340

Entry

February and July (February commencement recommended)

Program structure

- Core (24 UOC) UOC
  - Research Methods: PH  6
  - Evidence-informed Decision-making  6
  - Substance Abuse, Unusual behaviours & Special Groups  6
  - Disordered & Criminal Sexual behaviour  6
  - Evidence-informed Decision-making  6

**Master of Forensic Mental Health**

Program code 9012

Entry requirements

- Bachelor’s degree in health, law or criminology and honours/postgraduate in one of these disciplines or 3 years professional experience in health, law or criminology.

Core Courses

- Core (24 UOC) UOC
  - Law and Mental Health
  - Psychiatry and Criminal Law

Estimated first year tuition

A$39,120

Entry

February and July (February commencement recommended)

**Graduate Diploma in Forensic Mental Health**

Program code 5512

Entry requirements

- Bachelor’s degree in health, law or criminology and honours/postgraduate in one of these disciplines or 3 years professional experience in health, law or criminology.

Core Courses

- Core (18 UOC) UOC
  - Note: Approval must be obtained from the Program Coordinator regarding course selection.

Estimated first year tuition

A$32,340

Entry

February and July (February commencement recommended)

Program structure

- Core (24 UOC) UOC
  - Research Methods: PH  6
  - Evidence-informed Decision-making  6
  - Substance Abuse, Unusual behaviours & Special Groups  6
  - Disordered & Criminal Sexual behaviour  6

**Master of Financial Planning**

Program code 9273

Entry requirements

- Category A
  - A recognised Bachelor degree (or equivalent qualification) in commerce or finance with a credit average as determined by UNSW Business School.

- Category B
  - A recognised non-business related Bachelor degree (or equivalent qualification) with a credit average, as determined by UNSW Business School, plus a minimum of two years full-time professional work experience. Please consult the following website for further assessment criteria: https://student.unsw.edu.au/

Program structure

- This program consists of 12 courses (72 UOC) & core courses plus an elective to make up the 12.

Core Courses

- UOC
  - Financial Planning Advice and Ethics  6
  - Risk and Insurance  6
  - Estate Planning, Succession and Asset Protection  6
  - Tax and Business Law Core Courses  6
  - Asset Management Flexible Core Course  6
  - Retirement Planning Flexible Core Course  6

Elective Courses (sample list)

- If needed, select two courses from the following (excluding at least one course from List A):
  - Longevity and Retirement Planning (6 UOC)
  - Estate Planning and Administration (6 UOC)
  - Tax and Investment Planning (6 UOC)
  - Financial Planning & Real Estate (6 UOC)

International Corporate Finance  6

Estimated first year tuition

A$36,160

Entry

February and July

**Master of Forensic Mental Health**

Program code 9012

Entry requirements

- Bachelor’s degree in health, law or criminology and honours/postgraduate in one of these disciplines or 3 years professional experience in health, law or criminology.

Core Courses

- Core (24 UOC) UOC
  - Law and Mental Health
  - Psychiatry and Criminal Law

Estimated first year tuition

A$39,120

Entry

February and July (February commencement recommended)

**Graduate Diploma in Forensic Mental Health**

Program code 5512

Entry requirements

- Bachelor’s degree in health, law or criminology and honours/postgraduate in one of these disciplines or 3 years professional experience in health, law or criminology.

Core Courses

- Core (18 UOC) UOC
  - Note: Approval must be obtained from the Program Coordinator regarding course selection.

Estimated first year tuition

A$32,340

Entry

February and July (February commencement recommended)

Program structure

- Core (24 UOC) UOC
  - Research Methods: PH  6
  - Evidence-informed Decision-making  6
  - Substance Abuse, Unusual behaviours & Special Groups  6
  - Disordered & Criminal Sexual behaviour  6

**Master of Food Science**

Program code 8337

Entry requirements

- Students must hold either a Bachelor degree in Food Science and Technology with a minimum 65% average as determined by the UNSW Postgraduate Entry Score Calculator, or a Graduate Diploma in Food Science from UNSW, or an equivalent qualification from another recognised university or tertiary institution.

Program structure

- Students must complete 60 UOC of courses to be eligible for the degree, and must complete:
  - At least 18UOC of research-based courses (at least 120U of which must be advanced research-based courses)

Core Courses

- Food Science and Technology (FOODKS837)
  - The stream requires successful completion of seven core courses (Group A) and five elective courses (Group B) to total 72 UOC.

Estimated first year tuition

A$36,960

Entry

February and July

**Disciplinary knowledge courses**

- UOC
  - Food Processing Principles  6
  - Unstable Operations in Food Process  6
  - Product Design and Development  6

Electives (24 UOC) UOC

- Bachelor’s degree may choose any courses for which they are eligible to enrol, as electives, including any of the courses listed above. Suggested electives that would count as an additional Advanced Disciplinary Knowledge courses (should these be required or deemed include:
  - Ethics & Leadership in Eng  6
  - Engineering Statistics  6
  - Economic Decision Analysis  6

**Graduate Diploma in Food Science**

Program code 5537

Entry requirements

- A student must hold a Bachelor degree in Food Science or a cognate discipline (such as chemical engineering or biochemistry), with an average mark of at least 65, or an equivalent qualification from a recognised university or tertiary institution, in order to be admitted to the program.

Core Courses

- Core (24 UOC) UOC
  - Retirement Planning Flexible Core Course  6

Estimated first year tuition

A$39,120

Entry

February and July

**Master of Financial Mathematics**

Program code 9161

Entry requirements

- A recognised four-year mathematics or statistics program within a science and/or mathematics Bachelor degree, or a degree in a related discipline.

- A sufficient mathematical/statistical background and at least a credit average grade (65%) or equivalent overseas qualifications in relevant third year higher mathematics/statistics university courses.

Program structure

- A total of 72 units of credit (UOC) of courses must be completed including 48 UOC of compulsory courses and 24 UOC of elective courses.

Core Courses

- UOC
  - Computational Methods for Finance  6
  - Continuous Time Financial Modelling  6
  - Biological Processes  6
  - Discrete Time Financial Modelling  6
  - Introduction to Stochastic Analysis  6
  - Term Structure Modelling  6
  - Project  12

Elective Courses (30 UOC) UOC

- Risk and Capital Management  6
- Statistical Inference  6
- Measure, Integration and Probability  6

Estimated first year tuition

A$35,280

Entry

February and July

**Disciplinary knowledge courses**

- UOC
  - Optimisation  6
  - Applied Regression Analysis  6
  - Classical Measures, Integration and Probability  6
  - Time Series Analysis  6
  - Multivariate Analysis  6
  - Longitudinal Data Analysis  6

**Master of Financial Mathematics**

Program code 9161

Entry requirements

- A recognised four-year mathematics or statistics program within a science and/or mathematics Bachelor degree, or a degree in a related discipline.

- A sufficient mathematical/statistical background and at least a credit average grade (65%) or equivalent overseas qualifications in relevant third year higher mathematics/statistics university courses.

Program structure

- A total of 72 units of credit (UOC) of courses must be completed including 48 UOC of compulsory courses and 24 UOC of elective courses.

Core Courses

- UOC
  - Computational Methods for Finance  6
  - Continuous Time Financial Modelling  6
  - Biological Processes  6
  - Discrete Time Financial Modelling  6
  - Introduction to Stochastic Analysis  6
  - Term Structure Modelling  6
  - Project  12

Elective Courses (30 UOC) UOC

- Risk and Capital Management  6
- Statistical Inference  6
- Measure, Integration and Probability  6

Estimated first year tuition

A$35,280

Entry

February and July

**Disciplinary knowledge courses**

- UOC
  - Optimisation  6
  - Applied Regression Analysis  6
  - Classical Measures, Integration and Probability  6
  - Time Series Analysis  6
  - Multivariate Analysis  6
  - Longitudinal Data Analysis  6

**Master of Finance**

Program code 8161

Entry requirements

- A recognised four-year mathematics or statistics program within a science and/or mathematics Bachelor degree, or a degree in a related discipline.

- A sufficient mathematical/statistical background and at least a credit average grade (65%) or equivalent overseas qualifications in relevant third year higher mathematics/statistics university courses.

Program structure

- A total of 72 units of credit (UOC) of courses must be completed including 48 UOC of compulsory courses and 24 UOC of elective courses.
Health Management

Master of Health Management*  
Program code 8901

Entry requirements
An undergraduate degree in a health-related or public health-related discipline and:
• Honours or postgraduate qualification in a health-related or public health-related discipline; OR
• Substantial professional experience acquired as part of a health-related degree of 4 or more years duration; OR
• Two years full-time professional experience in a health-related or public health-related discipline, including as a volunteer in a health and public health organisation.

Program structure
The program is available through distance education if you choose to study outside of Australia. A total of 48 units of credit (UOC) is required, consisting of 24 UOC of core courses and 12 UOC of electives. The program may include a summer semester if you wish to complete your studies over a 12 month period.

Core Courses (24 UOC) UOC
1. 1.5 years full-time or 3 years part-time by distance learning

## Faculty Medicine
Program Duration
1 year full-time or 2 years part-time by distance learning

Director on the basis of documented equivalent mobility degree must previously undertaken;

Elective Courses (12 UOC) UOC
1. Choose one of the following:
   Community Development 6
   Intervention Policy and Practice 6
   Advanced Health Economics and Financial Management 6
   Program Design and Evaluation 6
   Qualitative Research Methods 6
   Prevention and Management of Chronic Disease 6
   Applied Research Methods in Public Health 6
   Ethics and Law in Public Health 6
   Policy Studies 6
   Economic Evaluation in Health Care 6
   Comparative Health Care Systems 6
   Advanced Biostatistics and Statistical Computing 6
   Advanced Epidemiology 6
   Tobacco, Alcohol and Illicit Drugs 6
   Reproductive, Maternal and Child Health 6
   Rehabilitation and Restorative Care 6
   Environmental Health 6
   Management of Aged Care Programs and Services 6
   Principles and Practice of Primary Health Care in the Community 6
   HIV/AIDS: Australian and International Responses 6
   The Global HIV Epidemic: Social Aspects and Impacts 6

Enquiries and Health 6
Health Impact Assessment 6
Public Health Perspectives of Indigenous Health 6
Indigenous Health and Wellbeing 6
Across the Life Span 6
Case Studies in Aboriginal Health and Torres Strait Islander Health 6
Health Aspects of Crises, Emergencies and Disasters 6
Management of Laboratory Services 6
Managing Human Resources for Health 6
Outbreak Investigation 6
Current Challenges in Infectious Diseases 6
Communicable Disease Control in Humanitarian Emergencies and Disasters 6
Tropical Disease Control 6
Public Health Aspects of Mental Health 6
Preventive Modelling in Public Health 6
Social Studies of Public Health 6
Global Non-communicable Disease: population approaches 6
Social Epidemiology 6
Infection Prevention and Control in the Healthcare Setting 6
Electrical Diseases Intelligence 6

Infectious Diseases Intelligence 6
Healthcare Setting 6
Global Non-communicable Disease: Predictive Modelling in Public Health 6
Public Health Aspects of Mental Health 6
Preventive Modelling in Public Health 6
Social Studies of Public Health 6
Global Non-communicable Disease: population approaches 6
Social Epidemiology 6
Infection Prevention and Control in the Healthcare Setting 6
Electrical Diseases Intelligence 6

Entry requirements
Transfer will be considered on completion of the Master of Health Management (8901) or equivalent with a minimum credit average and submission of an acceptable research proposal.

Program structure
In addition to the 48 UOC required for the Master of Health Management, you must complete 24 UOC consisting of one 6 UOC course tailored to your particular research project and a major project (18 UOC). The program is available through distance education if you choose to study outside of Australia.

Program duration
1. 1.5 years full-time or 3 years part-time by distance learning

## Faculty Medicine
Program Duration
1 year full-time or 2 years part-time by distance learning

Advanced standing can only be granted by the Program

Entry requirements
An undergraduate degree in a health-related or public health-related discipline and:
• Honours or postgraduate qualification in a health-related or public health-related discipline; OR
• Substantial professional experience acquired as part of a health-related degree of 4 or more years duration; OR
• Two years full-time professional experience in a health-related or public health-related discipline, including as a volunteer in a health and public health organisation.

Program structure
This program is recognised by the Royal Australasian College of Medical Administrators and the Australasian College of Health Service Management.

Program duration
6 months full-time or 1 year part-time by distance learning

## Faculty Medicine
Program Duration
6 months full-time or 1 year part-time by distance learning

Clinical Governance and Risk Management 6
Tobacco, Alcohol and Illicit Drugs 6
Reproductive, Maternal and Child Health 6
Ethics and Law in Public Health 6
Management of Laboratory Services 6
International Health and Wellbeing 6
Health Aspects of Crises, Emergencies and Disasters 6
Infectious Diseases Intelligence 6
Social Aspects and Impacts 6

Infectious Diseases Intelligence 6
Healthcare Setting 6
Global Non-communicable Disease: Predictive Modelling in Public Health 6
Public Health Aspects of Mental Health 6
Preventive Modelling in Public Health 6
Social Studies of Public Health 6
Global Non-communicable Disease: population approaches 6
Social Epidemiology 6
Infection Prevention and Control in the Healthcare Setting 6
Electrical Diseases Intelligence 6

Infectious Diseases Intelligence 6
Healthcare Setting 6
Global Non-communicable Disease: Predictive Modelling in Public Health 6
Public Health Aspects of Mental Health 6
Preventive Modelling in Public Health 6
Social Studies of Public Health 6
Global Non-communicable Disease: population approaches 6
Social Epidemiology 6
Infection Prevention and Control in the Healthcare Setting 6
Electrical Diseases Intelligence 6

Enquiries and Health 6
Health Impact Assessment 6
Public Health Perspectives of Indigenous Health 6
Indigenous Health and Wellbeing 6
Across the Life Span 6
Case Studies in Aboriginal Health and Torres Strait Islander Health 6
Health Aspects of Crises, Emergencies and Disasters 6
Management of Laboratory Services 6
Managing Human Resources for Health 6
Outbreak Investigation 6
Current Challenges in Infectious Diseases 6
Communicable Disease Control in Humanitarian Emergencies and Disasters 6
Tropical Disease Control 6
Public Health Aspects of Mental Health 6
Preventive Modelling in Public Health 6
Social Studies of Public Health 6
Global Non-communicable Disease: population approaches 6
Social Epidemiology 6
Infection Prevention and Control in the Healthcare Setting 6
Electrical Diseases Intelligence 6

Infectious Diseases Intelligence 6
Healthcare Setting 6
Global Non-communicable Disease: Predictive Modelling in Public Health 6
Public Health Aspects of Mental Health 6
Preventive Modelling in Public Health 6
Social Studies of Public Health 6
Global Non-communicable Disease: population approaches 6
Social Epidemiology 6
Infection Prevention and Control in the Healthcare Setting 6
Electrical Diseases Intelligence 6

Professional recognition
This program is recognised by the Royal Australasian College of Health Service Management.

Entry requirements
An undergraduate degree in a health-related or public health-related discipline and:
• Honours or postgraduate qualification in a health-related or public health-related discipline; OR
• Substantial professional experience acquired as part of a health-related degree of 4 or more years duration; OR
• Two years full-time professional experience in a health-related or public health-related discipline, including as a volunteer in a health and public health organisation.

Program structure
The program is available through distance education if you choose to study outside of Australia. You must successfully complete the following courses totaling 36 units of credit (UOC).

Core Courses (36 UOC) UOC
1. Foundations in Public Health and Health Care Systems 6
2. Strategy, Policy and Change 6
3. Health Leadership and Workforce Management 6
4. Clinical Governance and Risk Management 6

Graduate Certificate in Health Management*  
Program code 1301

Entry requirements
An undergraduate degree in a health-related or public health-related discipline and:
• Honours or postgraduate qualification in a health-related or public health-related discipline; OR
• Substantial professional experience acquired as part of a health-related degree of 4 or more years duration; OR
• Two years full-time professional experience in a health-related or public health-related discipline, including as a volunteer in a health and public health organisation.

Program structure
This program is recognised by the Royal Australasian College of Medical Administrators and the Australasian College of Health Service Management.

Program duration
6 months full-time or 1 year part-time by distance learning

## Faculty Medicine
Program Duration
6 months full-time or 1 year part-time by distance learning

Professional recognition
This program is recognised by the Australian College of Health Service Management.

Entry requirements
An undergraduate degree in a health-related or public health-related discipline and:
• Honours or postgraduate qualification in a health-related or public health-related discipline; OR
• Substantial professional experience acquired as part of a health-related degree of 4 or more years duration; OR
• Two years full-time professional experience in a health-related or public health-related discipline, including as a volunteer in a health and public health organisation.

Program structure
The program is available through distance education if you choose to study outside of Australia. You must successfully complete the following courses totaling 24 units of credit (UOC). From courses offered by the School of Public Health and Community Medicine, Allied Health - specified courses are listed in the Master of Health Management entry. Selection of courses must be approved by the Program Director. Students must complete 24 units (12 UOC) of electives.

Program duration
1.5 years full-time or 3 years part-time by distance learning

## Faculty Medicine
Program Duration
1.5 years full-time or 3 years part-time by distance learning

Professional recognition
This program is recognised by the Australian College of Health Service Management.
Infectious Diseases Intelligence

Graduate Diploma in Infectious Diseases Intelligence
Program code 5362

Entry requirements
Undergraduate degree in medicine, social sciences, public health, or related disciplines. Students are required to complete twelve courses: four core courses (level 3) and eight electives (level 1 and 2). In total, 48 credit units (UOC) are required.

Core Courses (6 UOC) UOC
- Infectious Diseases Intelligence
- Clinical Epidemiology
- Infectious Diseases Control
- Global Health

Elective Courses (24 UOC) UOC
- Choose four from the following:
  - Microbial Pathology
  - Molecular Biology of Pathogens
  - Virology
  - Infectious Diseases in Humanitarian Emergencies

Estimated first year tuition AS$24,340
Program Duration 1 year full-time or part-time by distance learning
Entry February and July

Program structure
Students are required to complete two core courses and four electives (total 30 Units of Credit). All courses are 6 Units of Credit.

Core Courses (12 UOC) UOC
- Fundamentals in Public Health and Health Care Systems*
- International Health
- Epidemiology and Bacterial Pathology for Public Health
- Health Promotion and Social Aspects of Public Health

Elective Courses (24 UOC) UOC
- Choose two from the following:
  - Advanced Medical Ethics
  - Medical Microbiology and Infection Control
  - Tropical Medicine

Information Technology

Master of Information Technology
Program code 5654

Entry requirements
A recognised four-year Bachelor degree in engineering, science or a discipline that includes mathematics up to at least year two level, with an average grade of 65% (B+) over the final two years; a recognised three-year Bachelor degree in computer science or engineering, with an average grade of 65% (B+) over the final two years; completion of the Graduate Diploma in Information Technology.

Program structure
The program consists of 16 courses totaling 96 units of credit (UOC). These courses are defined by study levels. Level 0 has no course prerequisites, level 1 has one prerequisite, level 2 has a chain of two prerequisites and level 3 has a chain of three prerequisites. As many courses within the program have prerequisites, courses may only be studied if the required prerequisites have been met.

Information Systems Management

Master of Information Systems Management
Program code 4435

Entry requirements
Admission to the Master of Information Systems Management is based on relevant academic qualifications and professional experience. There are two categories of entry:

- Category A – To receive advance standing for the Core 1 courses (48UOC) you need:
  1. A recognised Bachelor degree (or equivalent qualification) in information science, computer science or software engineering, as determined by UNSW Business School OR
  2. A recognised Bachelor degree (or equivalent qualification) in information technology, computer science or software engineering with a credit average and a minimum of two years full-time relevant professional experience after completion of the relevant degree.

- Category B – To complete the full (72UOC) program you need:
  A recognised Bachelor degree (or equivalent qualification) as determined by the UNSW Business School OR completion of the Core 1 courses.

Core Courses UOC
- IS Strategy
- Information Systems Strategy, Innovation and Agility
- IS Executive Capstone Report
- Project Management
- Business Analytics
- Business Systems Project

Elective Courses UOC
- Choose two to the following:
  - Information Systems Auditing and Assurance
  - Information Systems Strategy, Innovation and Agility
  - IS Executive Capstone Report
  - Business Analytics
  - Business Systems Project

Estimated first year tuition AS$36,160
Program Duration 1.5 years
Entry February and July

Program structure
Program consists of twelve courses: four core 1 courses, four core 2 courses, two elective courses and one capstone course.

Core Courses UOC
- Information Systems Strategy
- Information Systems Strategy, Innovation and Agility
- IS Executive Capstone Report
- Project Management
- Business Analytics

Elective Courses UOC
- Information Systems Auditing and Assurance
- Information Systems Strategy, Innovation and Agility
- IS Executive Capstone Report
- Business Analytics
- Business Systems Project

Information T echnology

Master of Information Technology
Program code 5654

Entry requirements
A recognised four-year Bachelor degree in engineering, science or a discipline that includes mathematics up to at least year two level, with an average grade of 65% (B+) over the final two years; a recognised three-year Bachelor degree in computer science or engineering, with an average grade of 65% (B+) over the final two years; completion of the Graduate Diploma in Information Technology.

Program structure
The program consists of 16 courses totaling 96 units of credit (UOC). These courses are defined by study levels. Level 0 has no course prerequisites, level 1 has one prerequisite, level 2 has a chain of two prerequisites and level 3 has a chain of three prerequisites. As many courses within the program have prerequisites, courses may only be studied if the required prerequisites have been met.

You may complete introductory courses (level 0), core computing courses (level 1 and 2) and advanced electives (level 3). Up to two streams can be studied:
- Artificial Intelligence
- Business Information
- Information Technology
- Database Systems
- eBusiness Systems
- Geospatial
- InterNetworking

Estimated first year tuition AS$36,960
Program Duration 2 years (1 year with advanced standing)
Entry February and July

Non-CSE Elective Options
You may receive one elective option for every four CSE courses completed, including one open elective.

Projects
You are eligible to substitute two or three electives with a project of equal value provided you meet the following criteria:
- You must have advanced standing in 72 UOC
- You must obtain a commendation or have advanced standing in 72 UOC

Advanced Standing
You may receive advanced standing for up to 8 courses from the following list:
## International Law and International Relations

### Master of International Law and International Relations

**Program code** 9240

**Entry requirements**
Undergraduate degree in law, the social sciences or humanities. Minimum credit average OR undergraduate degree in law, the social sciences or humanities with at least two years relevant professional experience.

**Program structure**
You are required to complete two compulsory courses, Principles of International Law and The Politics of International Law (12 UOC) in the first year of study, then you choose half of your elective courses from the Law courses offered and half from the International Relations courses offered by UNSW Arts and Social Sciences. See law.unsw.edu.au/milr for more information.

**Career opportunities**
Career opportunities are diverse but may include positions in government organisations or international organisations such as the United Nations.

### Master of International Business

**Program code** 8311

**Entry requirements**
A recognised Bachelor degree (or equivalent qualification) with a credit average, as determined by UNSW Business School. Please consult the following website for further assessment criteria: business.unsw.edu.au

**Program structure**
The program consists of 16 courses (96 UOC): seven core courses, eight elective courses and one capstone course.

**Career opportunities**
Career opportunities are diverse but may include positions in government organisations or international organisations such as the United Nations.

### Master of International Public Health

**Program code** 8349

**Entry requirements**
An undergraduate degree in a health-related or public health-related discipline and:
- Honours or postgraduate qualification in a health-related or public health-related discipline, OR
- Substantial professional experience acquired as part of a health-related degree of 4 or more years duration, OR
- Two years full-time professional experience in a health-related or public health-related discipline, including as a volunteer in a health and public health organisation.

## Faculty of Engineering

### International Business

**Faculty** Business School

**Program Duration** 2 years

**Entry** February and July

- International Business Negotiation
- International Human Resource Management
- Global Business Operations and Management
- Elective Courses (select one)
- Business Economics
- Investments and Portfolio Selection
- Corporate Strategy

### International Law and International Relations

**Faculty** Law

**Program Duration** 1 year

**Entry** February and July

- International Banking Management
- Supply Chain and Logistics Design
- International Marketing in Asia
- Chinese Business and Management
- Special Topics in International Business
- Business Law in a Global Economy
- International Business Taxation

### International Public Health

**Faculty** Medicine

**Program Duration** 1 year full-time or 2 years part-time by distance learning

**Entry** February and July

- A health-related or public health-related discipline, OR
- Substantial professional experience acquired as part of a health-related degree of 4 or more years duration, OR
- Two years full-time professional experience in a health-related or public health-related discipline, including as a volunteer in a health and public health organisation.

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For more information, see business.unsw.edu.au/pg; law.unsw.edu.au/milr; health.unsw.edu.au/apply for further information.
This form is a supporting document required in addition to submitting your UNSW postgraduate coursework application. Please download the form here.
Juris Doctor

Program code 9150

Faculty
Law

Program Duration
3 years

Entry
February and July

Estimated first year tuition
A$36,490

Entry requirements
A recognised Bachelor degree or equivalent qualification in any discipline other than law, or a recognised non-Australian law degree.

Program structure
The program consists of 17 compulsory courses which provide comprehensive knowledge of the main areas of law that are fundamental to legal practice and an understanding of the legal system. You then choose seven elective courses from a wide range on offer each semester. These electives include the opportunity for high-level experience of legal practice in the form of internships, clinical practice at our KingSt Legal Centre and national and international mooting competitions.

International opportunities include short courses overseas, and our international exchange program which allows you to go on exchange to one of our 85 partner law schools around the world. Visit law.unsw.edu.au/selectedfromanyofthoseofferedbyUNSWLaw for more information.

Professional recognition
The UNSW JD is accredited by the Legal Profession Admission Board and satisfies the academic component for admission to practice as a solicitor and barrister of the Supreme Court of NSW. To practise law in other countries you must satisfy the academic and accreditation criteria in the particular jurisdiction. Always refer to the relevant authority or admitting body in that country or state.

Career opportunities
Our graduates work in Australia and all over the world as solicitors and barristers, as in-house lawyers in the corporate and government sectors, policy and legislative advisors or researchers, prosecutors or public defenders in the criminal justice system, as lawyers in community legal centres or working in non-government organisations focusing on particular issues or rights.

Graduate Diploma in Law

Program code 5740

Faculty
Law

Program Duration
1 year

Entry
February and July

Estimated first year tuition
A$37,950

Entry requirements
A recognised Bachelor degree or JD with minimum two years relevant professional experience.

Program structure
The program consists of 48 units of credit, or eight courses (one course = 6 UOC). To incorporate a specialisation into a Master of Laws, you must select half of your courses from any of those offered by UNSW Law (unless otherwise stated). See law.unsw.edu.au/master-of-laws for more information.

Law

Master of Laws

Program code 9200

Faculty
Law

Program Duration
1 year

Entry
February and July

Estimated first year tuition
A$37,200

Entry requirements
LLB or JD - minimum credit average OR LLB or JD with minimum two years relevant professional experience.

Program structure
The program consists of 48 units of credit, or eight courses (one course = 6 UOC). To incorporate a specialisation into a Master of Laws, you must pass four courses (24 UOC) from your chosen specialisation. The remaining courses may be selected from any of those offered by UNSW Law (unless otherwise stated). See law.unsw.edu.au/master-of-laws for more information.

Specialisations
LLM specialisations are available in the following areas:
- Corporate and commercial law
- Constitutional and administrative law
- Dispute resolution
- Environmental law
- Human rights and social justice
- Innovation law
- International business and economic law
- International law
- Media and technology law
- Taxation

Career opportunities
Our LLM is popular with new graduates and experienced lawyers alike who seek a professional edge in their career. The Master of Laws offers law graduates an opportunity to study areas of specialty in greater depth and sophistication than is met within a Bachelor of Laws program. Course content and program offerings are continually reviewed to ensure that the curriculum accurately reflects and anticipates the growing needs of both our students and industry.

Master of Law, Media and Journalism

Program code 9214

Faculty
Law

Program Duration
1 year

Entry
February and July

Estimated first year tuition
A$32,760

Entry requirements
A recognised Bachelor degree or JD with minimum two years relevant professional experience.

Program structure
The program consists of two compulsory courses (12 UOC) in the first year of study: Understanding Contemporary Media and Legal Concepts, Research and Writing for IP and Media Law (for non-law graduates). You then choose half of your elective courses from the media and technology law courses offered by UNSW Law and half from the media and journalism courses offered by UNSW Arts and Social Sciences. See law.unsw.edu.au for more information.

Career opportunities

Graduate in Law, Media, and Journalism

Program code 5741

Faculty
Law

Program Duration
1 year

Entry
February and July

Estimated first year tuition
A$37,950

Entry requirements
A recognised Bachelor degree or JD with minimum two years relevant professional experience. Undergraduate degree - minimum credit average OR undergraduate degree with minimum two years relevant professional experience.

Program structure
The program consists of two compulsory courses (12 UOC) in the first year of study: Understanding Contemporary Media and Legal Concepts, Research and Writing for IP and Media Law (for non-law graduates). You then choose half of your elective courses from the media and technology law courses offered by UNSW Law and half from the media and journalism courses offered by UNSW Arts and Social Sciences. See law.unsw.edu.au for more information.

Career opportunities
The Master of Law, Media and Journalism is a recognised Bachelor degree (or equivalent qualification) in commerce or business with a credit average and significant academic studies in marketing or a closely related discipline; demonstrated competence in business statistics, plus a minimum of one year full-time professional work experience.

Note: Students who have achieved a distinction average in their degree may be exempted from the one year full-time relevant work experience.

Career opportunities

Marine Science and Management

Program code 8721

Faculty
Science

Program Duration
1 to 1.5 years

Entry
February and July

Estimated first year tuition
A$35,280

Entry requirements
A recognised three-year Bachelor degree in a relevant area. Applicants with more experience may be eligible for advanced standing and complete the degree in less time.

Program structure
The Master of Marine Science and Management consists of 32 units (or 16 UOC) comprised of the following:
- 24 UOC of compulsory core courses undertaken at UNSW:
  - 30 UOC of directed electives taken at the three partner universities (University of Technology Sydney, University of Sydney, and Macquarie University)
- 6 UOC of Marine Science electives
- 6 UOC of Marine Management electives
- 6 UOC of Marine Environment electives
- 6 UOE of Marine Business electives
- 6 UOC of Marine Planning electives

Career opportunities

Graduate Diploma in Marine Science and Management

Program code 8564

Faculty
Science

Program Duration
1.5 years

Entry
February and July

Estimated first year tuition
A$38,400

Entry requirements
A recognised Bachelor degree (or equivalent) in science or engineering, or a relevant authority or admitting body in that country or state.

Program structure
The Master of Marine Science and Management provides a comprehensive knowledge of marine science and management for logistics managers working in the private, public and defence sectors who wish to learn advanced logistical planning strategies, knowledge of ocean and marine environments, and techniques. The program will enable students to learn advanced logistical planning strategies, to design and implement logistics life cycle management, inventory management, contingency planning, risk assessment, and decision support systems.

Program structure
The Master of Marine Science and Management has two program structures depending on the category of entry:
- Category A - Applicants with limited general marketing and business experience and demonstrated competence in business statistics, plus evidence of formal marketing training.
- Category B and C applicants are admitted into the program on the basis of prior professional marketing experience and demonstrated competence in business statistics.

Marketing

Master of Marketing

Program code 8423

Faculty
Business School

Program Duration
1 year

Entry
February and July

Estimated first year tuition
A$36,160

Entry requirements
As determined by UNSW Business School:
- Category A - Applicants with limited general marketing and business experience: A recognised Bachelor degree (or equivalent qualification) in commerce or business with a credit average, AND Minimum of two years full-time professional marketing experience and demonstrated competence in business statistics.
- Category B - Applicants with extensive professional marketing experience: A recognised Bachelor degree (or equivalent qualification) in any discipline, AND Minimum of five years full-time professional general marketing and business experience and demonstrated competence in business statistics, plus evidence of formal marketing training.

Program structure
The Master of Marketing has two program structures depending on the category of entry:
- Category A applicants are admitted into a 1.5 year program consisting of 9 courses (48 UOC): Three core courses, four elective (MARK) courses, and one capstone course
- Category B and C applicants are admitted into a 1 year program consisting of 8 courses (48 UOC): Three core courses, four elective (MARK) courses, and one capstone course

continued on next page

Logistics Management

Master of Logistics Management

Program code 8564

Faculty
UNSW Canberra

Program Duration
1 year (by distance (Full-time equivalent)

Entry
February and July

Estimated first year tuition
A$35,280

Entry requirements
Undergraduate degree. See the Master of Law, Media and Journalism entry for further information.

Program structure
The Master of Logistics Management is designed for logistics managers working in the private, public and Defence sectors who wish to gain a thorough understanding of logistics concepts and techniques. The program will enable students to learn advanced logistical planning strategies, to design and implement logistics life cycle management, inventory management, contingency planning, risk assessment, and decision support systems.

Program structure
The Master of Logistics Management has two program structures depending on the category of entry:
- Category A - Applicants with limited professional experience: A recognised Bachelor degree (or equivalent qualification) in commerce or business with a credit average, AND Minimum of two years full-time professional logistics experience.
- Category B and C applicants are admitted into a 1.5 year program consisting of 9 courses (48 UOC): Three core courses, four elective (LOGST) courses, and one capstone course

Program structure
Materials Technology

Master of Materials Technology
Program code 8717

Entry requirements
- A Bachelor degree with a minimum weighted average mark (WAM) of 65% or the equivalent. The Bachelor degree needs to be in a cognate science or engineering discipline.
- A Graduate Certificate or Graduate Diploma in the Materials Sciences with a WAM greater than 60;
- An Honours degree at a recognised university;
- A sufficient mathematical/statistical background and at least a credit average grade (65%) or equivalent.

Program structure
Core Courses (24 UOC) UOC
- Materials Industry Management 6
- Research Project (24 UOC) UOC
- Advanced Topics in Materials Science and Engineering 6
- Functional Properties of Materials 6
- Physical Properties of Materials 6

Elective Courses (48 UOC) UOC
- A minimum of 48 UOC of advanced disciplinary elective subjects must be taken. These include optional Masters coursework courses from the following list:
  - Phase Equilibria
  - Kinetics and Phase Trans 6
  - Metal Structure and Properties 6

Elective (MARK 5) Courses (sample list) UOC
- Advanced Topics in Metallurgy 6
- Applied Statistical Analysis 6
- Advanced Digital Marketing 6
- Advanced Topics in Marketing 6

Graduate Certificate in Materials Technology
Program code 7610

Entry requirements
- A recognised three or four-year mathematics or statistics program within a science and/or mathematics Bachelor degree, or a degree in a related discipline.

Program structure
Course (24 UOC) UOC
- Research Project 12 UOC

Specialisations
- Mine Geomechanics (MINE3833)
- Applied Geomechanics
- Stress Analysis
- Rock Engineering
- Underground Mining
- Rock Mechanics

Mining Engineering

Master of Mining Engineering
Program code 8330

Entry requirements
- A recognised four-year (Honours) degree in Mining Engineering, Engineering Geology, Civil Engineering or Geotechnical Engineering. A credit average and no course fails over the first two years of the degree is also required and professional experience in the mining industry will be highly regarded. Full details on entry requirements are available at engineering.unsw.edu.au/mine-engineering.

Program structure
Core Courses UOC
- Advanced Digital Marketing 6
- Optimisation 6
- Special Topics (Pure Math A) 6
- Special Topics (Pure Math B) 6
- Flucts, Oceans and Climate 6
- Special Topics (Pure Math D) 6
- Compositional Geomechanics 6
- Compat Methods for Finance 6
- Graph Theory 6

Elective Courses UOC
- Geostatistics 6
- Mathematical Geophysics 6
- Structural Geotechnical Engineering 6
- Fluids, Oceans and Climate 6
- Special Topics (Pure Math) 6
- Special Topics (Pure Math) 6

Graduate Diploma in Mathematics and Statistics
Program code 5610

Entry requirements
- A sufficient mathematical/statistical background and at least a credit average grade (65%) or equivalent basal mathematics Bachelor degree, or a degree in a related discipline.

Program structure
Elective (MARK 5) Courses (sample list) UOC
- Applied Regression Analysis 6
- Computational Mathematics 6
- Characterisation of Materials 6
- Advanced Topics in Marketing 6
- Applied Statistical Analysis 6
- Advanced Digital Marketing 6

Graduate Diploma in Mining Engineering
Program code 8310

Entry requirements
- A recognised four-year (Honours) degree in Mining Engineering, Engineering Geology, Civil Engineering or Geotechnical Engineering. A credit average and no course fails over the first two years of the degree is also required and professional experience in the mining industry will be highly regarded. Full details on entry requirements are available at engineering.unsw.edu.au/mine-engineering.

Program structure
Core Courses UOC
- Special Topics (Pure Math A) 6
- Special Topics (Pure Math B) 6
- Flucts, Oceans and Climate 6
- Special Topics (Pure Math D) 6
- Compositional Geomechanics 6
- Compat Methods for Finance 6
- Graph Theory 6

Elective Courses UOC
- Geostatistics 6
- Mathematical Geophysics 6
- Structural Geotechnical Engineering 6
- Fluids, Oceans and Climate 6
- Special Topics (Pure Math) 6
- Special Topics (Pure Math) 6

Graduate Diploma in Mining and Resource Law
Program code 8640

Entry requirements
- A Bachelor degree in law with a minimum weighted average mark (WAM) of 65% or the equivalent. The Bachelor degree needs to be in a cognate science or engineering discipline.
- A sufficient mathematical/statistical background and at least a credit average grade (65%) or equivalent.

Program structure
Core Courses UOC
- Advanced Digital Marketing 6
- Optimisation 6
- Special Topics (Pure Math A) 6
- Special Topics (Pure Math B) 6
- Flucts, Oceans and Climate 6
- Special Topics (Pure Math D) 6
- Compositional Geomechanics 6
- Compat Methods for Finance 6
- Graph Theory 6

Elective Courses UOC
- Geostatistics 6
- Mathematical Geophysics 6
- Structural Geotechnical Engineering 6
- Fluids, Oceans and Climate 6
- Special Topics (Pure Math) 6
- Special Topics (Pure Math) 6

Graduate Diploma in Mining and Resource Law
Program code 8640

Entry requirements
- A Bachelor degree in law with a minimum weighted average mark (WAM) of 65% or the equivalent. The Bachelor degree needs to be in a cognate science or engineering discipline.
- A sufficient mathematical/statistical background and at least a credit average grade (65%) or equivalent.

Program structure
Core Courses UOC
- Advanced Digital Marketing 6
- Optimisation 6
- Special Topics (Pure Math A) 6
- Special Topics (Pure Math B) 6
- Flucts, Oceans and Climate 6
- Special Topics (Pure Math D) 6
- Compositional Geomechanics 6
- Compat Methods for Finance 6
- Graph Theory 6

Elective Courses UOC
- Geostatistics 6
- Mathematical Geophysics 6
- Structural Geotechnical Engineering 6
- Fluids, Oceans and Climate 6
- Special Topics (Pure Math) 6
- Special Topics (Pure Math) 6

Graduate Diploma in Mining and Resource Law
Program code 8640

Entry requirements
- A Bachelor degree in law with a minimum weighted average mark (WAM) of 65% or the equivalent. The Bachelor degree needs to be in a cognate science or engineering discipline.
- A sufficient mathematical/statistical background and at least a credit average grade (65%) or equivalent.

Program structure
Core Courses UOC
- Advanced Digital Marketing 6
- Optimisation 6
- Special Topics (Pure Math A) 6
- Special Topics (Pure Math B) 6
- Flucts, Oceans and Climate 6
- Special Topics (Pure Math D) 6
- Compositional Geomechanics 6
- Compat Methods for Finance 6
- Graph Theory 6

Elective Courses UOC
- Geostatistics 6
- Mathematical Geophysics 6
- Structural Geotechnical Engineering 6
- Fluids, Oceans and Climate 6
- Special Topics (Pure Math) 6
- Special Topics (Pure Math) 6
Optometry and Vision Science

Master of Optometry: Vision Science

Program code 8073

The program provides advanced training in clinical and theoretical aspects of optometry with opportunities for specialisation in areas such as contact lenses, occupational optometry, and behavioural optometry.

Entry requirements

A recognised three-year Bachelor degree in optometry with an average of 65 or above.

Program structure

The program consists of two core courses in addition to a selection of courses from the electives.

Elective courses

Advanced Clinical Optometry 6
Specialty Contact Lens Studies 6
Behavioural Optometry 2 6
Visual Neuroscience 6

Entry first year tuition

A$36,290

Planning

Master of Planning

Program code 8147

Entry requirements

A recognised Bachelor degree with a credit average of 65 or above. Where qualifications are not considered adequate, admission may be permitted to the Graduate Diploma, with the possibility of upgrading to the Master program, subject to satisfactory performance.

Program structure

A total of 72 units of credit (UC) is required, consisting of seven core courses (42 UC), a planning project (12 UC) and elective courses (18 UC).

Core courses (42 UOC) UOC

PLUG Planning Project 12

Elective courses UOC

Environmental Impact Assessment 6
Spatial Planning Policy 6
Urban Planning and Infrastructure 6
Human Settlements, Sustainability and Habitability 6
Planning Project 12
Pharmacoeconomics 6

Entry February and July

Pharmaceutical Medicine

Graduate Diploma in Pharmaceutical Medicine

Program code 5554

Entry requirements

A recognised Bachelor degree with a credit average of 65 or above. Where qualifications are not considered adequate, admission may be permitted to the Graduate Diploma, with the possibility of upgrading to the Master program, subject to satisfactory performance.

Program structure

A total of 72 units of credit (UC) is required, consisting of seven core courses (42 UC), a planning project (12 UC) and elective courses (18 UC).

Core courses (42 UOC) UOC

L&M in the Pharmaceutical Industry 6
Cancer Therapeutics 6
Pharmaceutical Development of Medicines* 6
Human Settlements, Sustainability and Habitability 6
PLUS Planning Project 12
Pharmacoeconomics 6

Elective courses UOC

Urban Design Stream UOC
Architecture and the City 6
Design Modelling Time Based 6
Urban and Regional Design 6
Urban Design Studio 1 12
Urban Design Studio 2 12

Entry February

Pharmacology

Program code 9191

Entry requirements

A recognised Bachelor degree with a credit average of 65 or above. Where qualifications are not considered adequate, admission may be permitted to the Graduate Diploma, with the possibility of upgrading to the Master program, subject to satisfactory performance.

Program structure

A total of 72 units of credit (UC) is required, consisting of seven core courses (42 UC), a planning project (12 UC) and elective courses (18 UC).

Core courses (42 UOC) UOC

L&M in the Pharmaceutical Industry 6
Cancer Therapeutics 6
Pharmaceutical Development of Medicines* 6
Human Settlements, Sustainability and Habitability 6
PLUS Planning Project 12
Pharmacoeconomics 6

Elective courses UOC

Urban Design Stream UOC
Architecture and the City 6
Design Modelling Time Based 6
Urban and Regional Design 6
Urban Design Studio 1 12
Urban Design Studio 2 12

Entry February and July

Pharmacology

Program code 9565

Entry requirements

A recognised Bachelor degree with a credit average of 65 or above. Where qualifications are not considered adequate, admission may be permitted to the Graduate Diploma, with the possibility of upgrading to the Master program, subject to satisfactory performance.

Program structure

A total of 72 units of credit (UC) is required, consisting of seven core courses (42 UC), a planning project (12 UC) and elective courses (18 UC).

Core courses (42 UOC) UOC

L&M in the Pharmaceutical Industry 6
Cancer Therapeutics 6
Pharmaceutical Development of Medicines* 6
Human Settlements, Sustainability and Habitability 6
PLUS Planning Project 12
Pharmacoeconomics 6

Elective courses UOC

Urban Design Stream UOC
Architecture and the City 6
Design Modelling Time Based 6
Urban and Regional Design 6
Urban Design Studio 1 12
Urban Design Studio 2 12

Entry February and July

Pharmacology

Program code 9565

Faculty Medicine

Program Duration 1.5 years

Entry first year tuition A$30,960

Entry February

Pharmacology

Program code 9565

Faculty Medicine

Program Duration 1.5 years

Entry first year tuition A$30,960

Entry February

Pharmacology

Program code 9565

Faculty Medicine

Program Duration 1.5 years

Entry first year tuition A$30,960

Entry February

Pharmacology

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Program Duration 1.5 years

Entry first year tuition A$30,960

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Entry first year tuition A$30,960

Entry February

Pharmacology

Program code 9565

Faculty Medicine

Program Duration 1.5 years

Entry first year tuition A$30,960

Entry February

Pharmacology

Program code 9565

Faculty Medicine

Program Duration 1.5 years

Entry first year tuition A$30,960

Entry February
Program code 5147

Graduate Diploma in Planning

Entry requirements
A recognised Bachelor degree or equivalent. Where qualifications are not considered adequate, admission may be permitted on the basis of professional experience.

Program structure
The program consists of seven core courses within the Master of Planning, totalling 43 units of credit, and one elective (6 UOC).

Faculty
Built Environment

Estimated first year tuition
A$30,960

Program Duration
1 year

Entry
February and July

Program code 5145

Master of Professional Accounting (Extension)

Entry requirements
A recognised Bachelor degree (or equivalent qualification) with a credit average, as determined by UNSW Business School. Please consult the following website for further assessment criteria: www.charteredaccountants.com.au and www.cpaaustralia.com.au

Program structure
This program consists of 17 courses (96 UOC): 13 core courses and four elective courses.

Faculty
Business School

Program Duration
2 years

Entry
February and July

Estimated first year tuition
A$35,280

Faculty
UNSW Business School

Program code 5146

Master of Professional Accounting

Entry requirements
A recognised Bachelor degree (or equivalent qualification) with a credit average, as determined by UNSW Business School. Please consult the following website for further assessment criteria: www.charteredaccountants.com.au and www.cpaaustralia.com.au

Program structure
This program consists of 13 core courses (72 UOC): Core courses (12 courses), three elective courses (18 UOC), Research Seminar (6 UOC) and a research project (15 UOC).

Faculty
Business School

Program Duration
1.5 years

Entry
February and July

Estimated first year tuition
A$31,160

Program code 5138

Graduate Diploma in Physics

Entry requirements
A recognised Bachelor degree (or equivalent) with a credit average or above.

Program structure
The Graduate Diploma (Research) in Physics consists of 24 UOC of advanced coursework, and a research project, under the guidance of an academic supervisor culminating in a written thesis, worth 24 UOC. Courses can be chosen from:

Courses
- Advanced Physics
- Advanced Theoretical Physics 1
- Advanced Theoretical Physics 2
- Advanced Astrophysics
- Advanced Solid State Physics 1
- Advanced Solid State Physics 2
- Advanced Experimental Physics

Faculty
Science

Program Duration
1 year

Entry
February, July (Entry is dependent on the availability of a suitable academic supervisor)

Estimated first year tuition
A$35,280

Program code 5137

Master of Property and Development

Entry requirements
A recognised Bachelor degree from an appropriate discipline with a credit average or above.

Program structure
A total of 72 units of credit (UOC) is required, consisting of six core courses (36 UOC), three elective courses (18 UOC), Research Seminar (6 UOC) and a research project (15 UOC).

Faculty
Built Environment

Program Duration
1.5 years

Entry
February and July

Estimated first year tuition
A$30,960

Program code 5139

Master of Property Management

Entry requirements
A recognised Bachelor degree with a relevant bachelor degree with honours (or relevant postgraduate qualifications with a minimum 60% average) and a relevant industry experience of at least 5 years.

Program structure
The MPropMgt is designed for postgraduate scholars with appropriate undergraduate qualifications in a relevant discipline and/or extensive professional experience who wish to develop a higher level understanding of the principles and practices of property management and to strengthen their skills in this area. For more information, visit handbook.unsw.edu.au/pg

Faculty
UNSWC Canberra

Program Duration
1 year by distance (full-time equivalent)

Entry
February and July

Estimated first year tuition
A$31,720

Program code 5132

International Business Taxation

Entry requirements
A relevant Bachelor degree or equivalent qualification with a credit average or above, plus four additional elective courses to increase breadth or depth of knowledge in accounting or a related field.

Program structure
Students will complete 24 UOC of coursework, under the guidance of an academic supervisor. Students will present a written research project.

Faculty
UNSW Business School

Program Duration
1 year

Entry
February and July

Estimated first year tuition
A$30,960
Master of Psychology (Clinical)  
Program code 8256  

Entry requirements  
An accredited four-year Bachelor degree with First Class Honours in psychology from a university recognised by the Australian Psychological Accreditation Council (APAC) or an equivalent overseas qualification as assessed by the Australian Psychological Society. The degree must include a research thesis as a major component.  
Eligible students must also meet the specific English language proficiency requirements: overall 7.0, reading/writing 7.0, speaking/listening 7.0.

Program structure  
The program structure for both the Master and dual PhD/Master degree consists of three compulsory components:  
- Coursework (weekly lectures and seminars with assigned written forms of assessment)  
- Professional practice (completion of a minimum of 1,000 hours of supervised clinical practice within the School clinic and in field clinical settings, weekly clinical meetings and skills training workshops)  
- A research thesis (Master program) or PhD thesis (Dual PhD/Master program)

Professional recognition  
The Master of Psychology (Clinical) is an APAC-accredited postgraduate program offering the fifth and sixth years of required study leading to full membership of the Australian Psychological Society (the professional body of Australian psychologists) and to specialist college, registration as a psychologist with the Psychology Board of Australia (PsyBA), and to registration with the Psychology Board of Australia as a forensic psychologist. If your qualifications were completed outside Australia or you did not complete your secondary education in English, to obtain full or provisional registration with the Psychology Board of Australia (PsyBA), you must demonstrate English language skills at IELTS academic level 7 with a minimum score of 7 in each of the four components (listening, reading, writing and speaking). Results of the test must be obtained in one sitting within two years prior to applying for registration.

The degree must also include a research thesis as a major component. Those who are not registered as a provisional psychologist cannot undertake professional practice, a compulsory component of all Master of Psychology programs, as they are not permitted to have any patient or client contact.

Dual Award Degree Programs  
Combined PhD/Master of Psychology (Forensic) - page 99  
Combined PhD/Master of Psychology (Organisational) - page 99

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Master of Psychology (Organisational)  
Program code 8256  

Entry requirements  
An accredited four-year Bachelor degree with First Class Honours in psychology from a university recognised by the APAC, or an equivalent overseas qualification as assessed by the Australian Psychological Society. The degree must include a professional practice (completion of a minimum of 1,000 hours of supervised organisational practice in the School’s Career Research and Assessment Service and in organisational field settings, workshops, a compulsory component of all Master of Psychology programs, as they are not permitted to have any patient or client contact.

Program structure  
The Master of Psychology (Organisational) is an APAC-accredited postgraduate program offering professional practice endorsement as a forensic psychologist. If your qualifications were completed outside Australia or you did not complete your secondary education in English, to obtain full or provisional registration with the Psychology Board of Australia (PsyBA), you must demonstrate English language skills at IELTS academic level 7 with a minimum score of 7 in each of the four components (listening, reading, writing and speaking). Results of the test must be obtained in one sitting within two years prior to applying for registration.

Those who are not registered as a provisional psychologist cannot undertake professional practice, a compulsory component of all Master of Psychology programs, as they are not permitted to have any patient or client contact.

Dual Award Degree Programs  
Dual PhD/Master of Psychology (Clinical) - page 99

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Public Health

Master of Public Health*  
Program code 9045  

Entry requirements  
An undergraduate degree in a health-related or public health-related discipline and:  
- Honours or postgraduate qualification in a health-related or public health-related discipline; or  
- Substantial professional experience acquired as part of a health-related degree of 4 or more years duration; or  
- Two years full-time professional experience in a health-related or public health-related discipline, including as a volunteer in a health and public health organisation.

Program structure  
A total of 48 units of credit (UOC) is required, comprising of 18 UOC of core courses and 30 UOC of electives.

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Public Health
This form is a supporting document required in addition to submitting your UNSW postgraduate coursework application. Please download the form here:

### Master of Public Health (Extension)*
Program code 8046

#### Entry requirements
- An undergraduate degree in a health-related or public health-related discipline and:
  - Honours or postgraduate qualification in a health-related or public health-related discipline; or
  - Substantial professional experience acquired as part of a health-related degree of 4 or more years duration; or

- Two years full-time professional experience in a health-related or public health-related discipline, including as a volunteer in a health or public health organisation.

#### Program structure
- **Core Courses** (12 UOC)
  - Foundations in Public Health and Health Care Systems
  - Health Promotion and Social Perspectives of Health
- **Electives** (24 UOC)
  - Four electives from the Master of Public Health

#### Estimated first year tuition
A$28,340

### Public Relations and Advertising
Program code 8021

#### Faculty
- Arts & Social Sciences

#### Program Duration
1 to 1.5 years

#### Entry requirements
- Admission to the Master of Public Relations and Advertising is based on relevant academic qualifications and professional experience. There are two streams of study:
  - Honours degree or Graduate Diploma (or equivalent qualification) in any discipline with a record of academic achievement equivalent to a UNSW credit average (65%), plus one year relevant professional experience OR
  - Bachelor degree (or equivalent qualification) in any discipline with a record of academic achievement equivalent to a UNSW credit average (65%), plus one year relevant professional experience OR

- Relevant professional experience can include:
  - Work in the public relations, advertising, journalism, or media and communication sectors;
  - Relevant professional experience can include:

- Relevant professional experience can include:
  - Work in the public relations, advertising, journalism, or media and communication sectors;

- Relevant professional experience can include:
  - Work in the public relations, advertising, journalism, or media and communication sectors;
**Reproductive Medicine**

**Master of Reproductive Medicine**  Program code 9065

- **Entry requirements**  
  - An undergraduate degree in medicine, nursing, health or medical science; or  
  - Commencement of a recognised postgraduate medical specialist training program (e.g. general practice, obstetrics & gynaecology); or  
  - 1 year full-time equivalent of postgraduate professional experience in medicine, nursing, health or medical science.

- **Program structure**  
  This program is designed to be completed part-time over two years. However, a significant degree of flexibility is allowed in completing the program to suit your time commitments. Basic Reproductive Physiology must be completed before undertaking the clinical courses. You may then select any combination of electives to make a total of 48 UOC for the program.

- **Estimated first year tuition**  
  $38,160

- **Program Duration**  
  1 year full-time or 2 years part-time by distance

---

**Graduate Diploma in Reproductive Medicine**  Program code 5538

- **Entry requirements**  
  - An undergraduate degree in medicine, nursing, health or medical science; or  
  - An Honours, Graduate Certificate, Graduate Diploma or higher qualification in medicine, nursing or health or medical science; or  
  - Commencement of a recognised postgraduate medical specialist training program (e.g. general practice, obstetrics & gynaecology); or  
  - 1 year full-time equivalent of postgraduate professional experience in medicine, nursing, health or medical science.

- **Program structure**  
  The GradDip in Reproductive Medicine will be awarded after the satisfactory completion of 36 units of credit. You must complete basic Reproductive Physiology and 30 UOC of electives or 36 UOC of electives.

- **Estimated first year tuition**  
  $38,160

- **Program Duration**  
  9 months full-time or 1.5 years part-time by distance

---

**Graduate Certificate in Reproductive Medicine**  Program code 7379

- **Entry requirements**  
  - An undergraduate degree in medicine, nursing, health or medical science; or  
  - An Honours, Graduate Certificate, Graduate Diploma or higher qualification in medicine, nursing or health or medical science; or  
  - Commencement of a recognised postgraduate medical specialist training program (e.g. general practice, obstetrics & gynaecology); or  
  - 1 year full-time equivalent of postgraduate professional experience in medicine, nursing, health or medical science.

- **Program structure**  
  The GradCert in Reproductive Medicine will be awarded after the satisfactory completion of 24 units of credit (4 elective courses).

- **Estimated first year tuition**  
  $18,560

- **Program Duration**  
  6 months full-time or 1 year part-time by distance

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**Risk Management**

**Master of Risk Management**  Program code 4828

- **Entry requirements**  
  - A recognised Bachelor degree (or equivalent) in business or finance with a credit average overall, as determined by UNSW Business School. Please consult the following website for further assessment criteria: business.unsw.edu.au

- **Program structure**  
  The program consists of 12 courses: eight core courses and four elective courses.

- **Estimated first year tuition**  
  $38,160

- **Program Duration**  
  1 year

---

**Space**

**Master of Space Engineering**  Program code 6822

- **Entry requirements**  
  - A recognised Bachelor degree (or equivalent) in engineering or science with a credit average overall, as determined by UNSW Business School. Please consult the following website for further assessment criteria: business.unsw.edu.au

- **Program structure**  
  The Master of Space Engineering is designed for postgraduate scholars with appropriate undergraduate qualifications in a relevant engineering discipline and/or

- **Estimated first year tuition**  
  $38,160

- **Program Duration**  
  1 year by distance (full-time equivalent)

---

**Statistics**

**Master of Statistics**  Program code 1910

- **Entry requirements**  
  - A recognised three or four-year mathematics or statistics program within a science and/or mathematics Bachelor degree, or a degree in a related discipline.  
  - A sufficient mathematical/statistical background and at least a credit average grade (65%) or equivalent overseas qualifications in relevant third and fourth year mathematics/statistics university courses.

- **Program structure**  
  A total of 72 units of credit (120 UOC) of courses must be completed including 24 UOC of compulsory courses and 48 UOC of elective courses.

- **Estimated first year tuition**  
  $38,160

- **Program Duration**  
  1.5 years
Entry requirements
A minimum four year Bachelor degree or equivalent in an appropriate degree with credit average or above. Where an applicant’s qualifications are not considered adequate, admission may be permitted to the Graduate Diploma with the possibility of upgrading to the Master’s program, subject to satisfactory performance.

Program structure
A total of 72 units of credit (UOC) is required, consisting of core courses (24 UOC), a research project or design studio course plus elective courses.

Core Courses (24 UOC) UOC
Sustainable Development and the Environment 6
Resources, Materials and Sustainability 6
Energy and the Built Environment 6
Sustainability and Habitability 6

Option 1 – Design Studio UOC
48 UOC from the following:
Integrated Design Studio 12

Option 2 – Research UOC
48 UOC from the following:
Research Seminar 6
Graduate Project 12
Elective Courses 30

Sustainable Elective Courses (24 – 36 UOC) UOC
Sustainable Infrastructure 6
Transport, Land Use & Environment 6
Environmental Auditing 6
Managing the Built Environment 6
Case Study in Urban Design & Design
Reporting for Climate Change 6
Project Management 6
Solid Waste Management 6
Environmental Management 6
Sustainability & Risk Analysis 6

Entry requirements
To apply, you will need a minimum four year Bachelor degree with a credit average, (WAM of 65) or a relevant degree in any related fields such as Built Environment disciplines (architecture, planning, urban design as well as areas such as environmental science and engineering) plus a minimum of three years post graduate industry experience, including work in a sustainability related professional role.

Program structure
The Master of Sustainable Built Environment (Diploma) is a two year full-time program which consists of:

- Four 16 UOC core courses totalling 24 UOC;
- A 12 UOC studio or a 10 UOC research project;
- A 12 UOC seminar-based advanced topics course;
- Two "core" electives chosen from the Master of Urban Policy and Strategy Program and/or the Australian School of Business; plus
- Sufficient additional "free" electives to make up a total of 96 units of credit (UOC)

Entry requirements
A recognised Bachelor degree (or equivalent qualification) in taxation, tax or commerce (including one taxation course) with a credit average, as determined by UNSW Business School.

Program structure
This program consists of eight courses (48 UOC). Tax Policy is compulsory for all specialisations, except Taxation and Financial Planning.

Entry requirements
A recognised Bachelor degree (or equivalent qualification) in taxation, tax or commerce (including one taxation course) with a credit average, as determined by UNSW Business School.

Program structure
This program consists of eight courses (48 UOC). Tax Policy is compulsory for all specialisations, except Taxation and Financial Planning.
Technology and Innovation Management

Master of Technology and Innovation Management
Program code 8209

Entry requirements
An accredited Bachelor degree (or equivalent qualification) in engineering or technology with a credit average overall, as determined by UNSW Business School. For further assessment criteria, please consult the following website: business.unsw.edu.au.

Program structure
The program consists of 12 courses (72 UOC), four core and elective courses, one capstone course, three elective courses from the UNSW Business School, and four elective courses either from UNSW Engineering and/or UNSW Science. See the UNSW Business School Handbook for further information.

Program Duration
1.5 years

Faculty
Business School

Estimated first year tuition
$38,010

Entry
February and July

Elective Courses
UCD
Of the seven elective courses, you must choose three from the UNSW Business School and four from the UNSW Engineering and/or UNSW Science. See the UNSW Business School Handbook for further information.

Technology, Management and Innovation

Financial Literacy for Business Decisions

Estimated first year tuition
$32,320

Entry
March and July

Preparation for Accreditation in Translation

Interpreting Practicum

Translation Practicum

Interpreting Accreditation Preparation

Cross-cultural Pragmatics

Translation Methods in Applied Linguistics

Research Core Courses UOC

Translation and Interpretation Theories

Interpreting in Legal Settings

Interpreting in Business Community Settings

Translation in the Media

Translation in Specialised Areas

Interpreting Practicum

Translation Project 1

Technology for Translation

Translation and Interpreting
Program code 8264

The Master of Translation and Interpreting is our flagship degree in interpreting and translation at UNSW. The structure of the degree has been refined to offer a professional studies specialisation and a research specialisation, so you can shape your postgraduate studies to your professional and personal aspirations.

Entry requirements
Bachelor degree (or equivalent qualification) in any discipline with a record of academic achievement equivalent to a UNSW credit average (65%) and an advanced level of bilingual proficiency.

Program structure
Languages include French, Indonesian*, Japanese, Korean, Mandarin, Russian and Spanish. *Offered 2016 and 2018.

Faculty
Arts & Social Sciences

Estimated first year tuition
$28,320

Entry
March and July

Interpreting in Business and Community Settings

Interpreting in the Media

Translation in Specialised Areas

Test analysis for Translation DR

Advanced Conference Interpreting

Technology for Translation

Master of Translation and Interpreting
Program code 8025

Entry requirements
Bachelor degree (or equivalent qualification) in a relevant discipline with a record of academic achievement equivalent to a UNSW credit average (65%) and an advanced level of bilingual proficiency.

Program structure
Languages include French, Indonesian*, Japanese, Korean, Mandarin, Russian and Spanish. *Offered 2016 and 2018.

Faculty
Arts & Social Sciences

Estimated first year tuition
$28,320

Entry
March and July

Interpreting in Business and Community Settings

Interpreting in the Media

Translation in Specialised Areas

Test analysis for Translation DR

Advanced Conference Interpreting

Technology for Translation

Career opportunities
Our graduates work in a variety of domestic and international areas including education and training, business and economics, media and journalism, marketing, publishing, science and technology, health, law and international relations. They have a professional interpreting and translation skills necessary for employment in government and private sectors in commerce, legal community and diplomatic settings.

Professional recognition
NAATI (National Accreditation Authority for Translators and Interpreters) accredited degree to the professional translator and interpreter level.
null
DUAL AWARD DEGREE PROGRAMS

Master of Arts and Social Sciences (Combined)
Program code 8224

Program structure

Estimated first year tuition
AS$31,300

Entry March and July.

After two years, you will graduate with two postgraduate qualifications. For example, Master of Development Studies plus Master of International Relations (48 UOC).

Career opportunities

Develop high interpersonal skills and by gaining a wide portfolio of skills, graduates of this combined degree are greatly valued by employers. The analytical, flexible and multi-skilled nature of graduates means they can be found working across the globe in rewarding, challenging and often high-profile roles. See individual degrees for further information.

Dual PhD / Master of Psychology (Clinical)
Program code 1404

Entry requirements
An accredited four-year Bachelor degree with upper First Class Honours or equivalent in psychology from a university recognised by the APAC, or an equivalent overseas qualification as assessed by the Australian Psychological Society. The degree must include a research thesis as a major component.

Eligible students must also meet the specific English language proficiency requirements:
overall 7.0, reading/writing 7.0, speaking/listening 7.0.

Faculty
Science

Program structure
Please see Master of Psychology (Clinical) 8256
(page 84)

Master of Public Health / Health Management*
Program code 9041

Entry requirements
An undergraduate degree in a health-related or public health-related discipline and:
• Honours or postgraduate qualification in a health-related or public health-related discipline, or
• Substantial professional experience acquired as part of a health-related degree of 4 or more years duration; and
• Two years full-time professional experience in a health-related or public health-related discipline including as a volunteer in a health and public health organisation.

Electives (18 UOC) UOC
Designated International Public Health electives (from the Master of International Public Health)
18
PLUS Project in an international health-related area OR Elective
6

Faculty
Medicine

Program structure

Estimated first year tuition
AS$34,560

Entry February, July

April commencement recommended)

Epidemiology and Statistics for Public Health
6
International Health
6
Health Leadership and Workforce Management
6
Clinical Governance and Risk Management
6

Electives (18 UOC) UOC
Designated international public health electives (from the Master of International Public Health)
18
PLUS Project in an international health-related area OR Elective
6

Electives (30 UOC) UOC

Electives may be chosen from core courses offered in the health management, public health or international public health programs. You may also enrol in graduate courses offered by other academic units in the University, as well as approved courses offered by other universities.

Dual PhD / Master of Psychology (Organisational)
Program code 1406

Entry requirements
An accredited four-year Bachelor degree with upper First Class Honours or equivalent in psychology from a university recognised by the APAC, or an equivalent overseas qualification as assessed by the Australian Psychological Society. The degree must include a research thesis as a major component.

Eligible students must also meet the specific English language proficiency requirements:
overall 7.0, reading/writing 7.0, speaking/listening 7.0.

Faculty
Medicine

Program structure
Please see Master of Psychology (Organisational) 8268
(page 84)

Master of International Health / Public Health*
Program code 9044

Entry requirements
An undergraduate degree in a health-related or public health-related discipline and:
• Honours or postgraduate qualification in a health-related or public health-related discipline; or
• Substantial professional experience acquired as part of a health-related degree of 4 or more years duration; or
• Two years full-time professional experience in a health-related or public health-related discipline, including as a volunteer in a health and public health organisation.

Electives (60 UOC) UOC

Electives may be chosen from core courses offered in the health management, public health or international public health programs. You may also enrol in graduate courses offered by other academic units in the University, as well as approved courses offered by other universities.

Dual PhD / Master of Psychology (Forensic)
Program code 1405

Entry requirements
An accredited four-year Bachelor degree with upper First Class Honours or equivalent in psychology from a university recognised by the APAC, or an equivalent overseas qualification as assessed by the Australian Psychological Society. The degree must include a research thesis as a major component.

Eligible students must also meet the specific English language proficiency requirements:
overall 7.0, reading/writing 7.0, speaking/listening 7.0.

Faculty
Medicine

Program structure
Please see Master of Psychology (Forensic) 8257
(page 84)

Master of Public Health / Health Management*
Program code 9041

Entry requirements
An undergraduate degree in a health-related or public health-related discipline and:
• Honours or postgraduate qualification in a health-related or public health-related discipline; or
• Substantial professional experience acquired as part of a health-related degree of 4 or more years duration; or
• Two years full-time professional experience in a health-related or public health-related discipline, including as a volunteer in a health and public health organisation.

Faculty
Medicine

Program structure

Estimated first year tuition
AS$34,560

Entry February and July

Epidemiology and Statistics for Public Health
6
International Health
6
Health Leadership and Workforce Management
6
Clinical Governance and Risk Management
6

Electives (48 UOC) UOC

Electives may be chosen from core courses offered in the health management, public health or international public health programs. You may also enrol in graduate courses offered by other academic units in the University, as well as approved courses offered by other universities.

Approval of the Program Director is required to undertake an elective offered outside the School.

* For all Postgraduate coursework in Medicine (School of Public Health and Community Medicine), a separate form needs to be completed upon application. This form is a supporting document required in addition to submitting your UNSW postgraduate coursework application. Please download the form here: International.unsw.edu.au/media/uploads/file/2015/06/PHCM_PSCoursework_Application_Cover_Init-May2015.pdf
How to apply – postgraduate coursework

1. Choose your program
   Make sure it suits your interests, skills and career goals. The necessary information is in this guide and you can also check the Online Handbook at handbook.unsw.edu.au.

2. Assess your entry requirements
   You can find the entry criteria for your chosen program in this guide, beginning on page 47. To calculate your eligibility, you can use the UNSW Postgraduate Coursework Entry Score Calculator here: admissions.unsw.edu.au/PGCalculators. The score generated by this calculator is provided as a guide only and does not guarantee an offer to study at UNSW.

3. Submit your application online
   To do this, visit Apply Online: apply.unsw.edu.au. Supporting documents should be uploaded during the application process. Refer to Apply Online for details of the documentation required for your application.
   You will need to supply the following documents:
   • Copies of academic transcripts and testamurs (if not in English a NAATI approved translation must be provided). More information can be found at unsw.edu.au/document-certification.
   • Copies of IELTS or TOEFL (or equivalent) test scores.
   • Details of work experience, if applicable. Some programs may require additional documentation.

4. Track your application
   Once you have submitted your application you will be able to track the status of your application online at apply.unsw.edu.au/apply/onlineAppTrackInfo.html. You will also be able to upload any additional documents required to process your application.

5. We will send you a letter of offer
   You will be advised of the outcome of your application via email. If you are receiving assistance with your application, your nominated representative will also receive a copy.

6. Accept your offer
   To do this, go to: gettingstarted.unsw.edu.au/accept-or-defer-your-offer and follow the instructions in your offer letter. Once we receive your acceptance, you will be sent your electronic confirmation of enrolment (eCoE).

7. Enrol online
   To do this, go to: gettingstarted.unsw.edu.au. After you have accepted your offer you will need to enrol into your chosen courses.

UNSW coursework program scholarships
Some of our scholarships for international postgraduate coursework programs include:

- **Juris Doctor International Scholarship**
  This scholarship assists high achieving international students to undertake the Juris Doctor program at UNSW Law. The scholarship is valued at A$10,000 for one year.

- **UNSW Art & Design International Scholarship**
  This scholarship assists international coursework students wishing to undertake study at UNSW Art & Design. The scholarship covers full tuition for the minimum duration of the student’s program.

- **UNSW sports scholarships**
  UNSW encourages talented athletes to apply for the UNSW Elite Athlete Support Program. It provides access to the very best sporting facilities and flexible study support.

UNSW Australia has many scholarships open to international students. New opportunities come up all the time and recommend that you stay in touch with our website to see what is coming up.

For more information about UNSW Scholarships visit: scholarships.unsw.edu.au

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Frequently asked questions

**Who can apply as an international student?**
You can apply as an international student if you are not an Australian citizen (including dual citizens), or a New Zealand citizen (including dual citizens) or a permanent resident of Australia.

**What if my residency status changes?**
If you gain Australian or New Zealand citizenship, or Australian permanent residency after applying but before you commence your studies, you must inform the Admissions Office immediately. This could impact your eligibility and require you to apply as a domestic student. For further details, visit: student.unsw.edu.au/change-residency-status.

**Am I a sponsored student?**
You are a sponsored student if your tuition and other associated fees are paid by a UNSW approved sponsor. Sponsored students do not need to pay the normal acceptance deposit provided they supply evidence of that arrangement and complete the International Sponsored Student Agreement form. This information should be supplied at the time of application.

Further information can be viewed at: international.unsw.edu.au/scholarships/applying/sponsored.

**How do I apply for a student visa?**
To apply for a student visa, visit the Department of Immigration and Border Protection website: www.immi.gov.au. We recommend that you plan ahead and allow plenty of time to submit the documentation required. For more information, please visit the following websites:

- Study In Australia: www.studyinaustralia.gov.au/
- UNSW International: international.unsw.edu.au/

**Do I need to study full-time on a student visa?**
If you are in Australia on a student visa, you will need to study full-time to satisfy your visa. We define normal full-time enrolment as 18-24 units of credit (UOC) per semester for degrees at UNSW.

For more information about your visa obligations please go to the Department of Immigration and Border Protection website: www.immi.gov.au.
### Research degree programs

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<tr>
<td>Doctor of Philosophy</td>
<td>Research Areas</td>
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<tr>
<td>Doctor of Project Management</td>
<td>Research Areas</td>
<td>136</td>
</tr>
<tr>
<td>Doctor of Systems Engineering</td>
<td>Research Areas</td>
<td>136</td>
</tr>
</tbody>
</table>

### Art and Design Research areas

UNSW Art & Design is at the forefront of contemporary and experimental design, art and media.

Our internationally recognised research strengths include: contemporary art and design practice, media arts, immersive technology, art and ecology, creative robotics, art and society, curating and cultural leadership.

**Research areas**

- **Drawing** (including life drawing, anatomy, composition and design, field studies)
- **Painting** (including life painting, anatomy, composition and design, colour, digital outputting, field studies)
- **Printmaking** (including etching, lithography, relief painting, screen printing, custom printing)
- **Sculpture/Performance/Installation** (including bronze casting, figurative sculpture, electronic sculpture, installation, body works, earthworks, performance)
- **Visual education**
- **Qualitative research and ethnography**
- **The political nature of curriculum reform in national and state contexts**
- **Exhibition access and interaction in the public domain**
- **Practices of creativity in art and design education context**
- **Community-based practitioner research**
- **Cognitive realism and conditions for authentic artistic practice in educational settings**
- **Online communities/transformative education**
- **Critical influences on ideas and artistic practices and visual art research**
- **Aesthetics**
- **Art, subjectivity and the body: trauma and memory**
- **Australian art history and visual culture: post-colonialism**
- **Contemporary art and politics: contemporary art of the Asia Pacific region; art and anthropology**
- **Critical and cultural theory**
- **Juxtaposition, museology and the arts infrastructure: Modern and contemporary art**
- **New media arts and theory**
- **Digital media (including digital video, digital imaging, digital sound, interactive media, 2D and 3D animation)**
- **Photomedia (including analogue photography, digital imaging and integrated print, and installation media)**
- **Sound media, video art, interactive media, performance and animation**
- **Objects, furniture and lighting design**
- **Ceramics design including designing for the table, industry, interiors, installation and experimental art and design**
- **Design management and practice**
- **Design history, theory and aesthetics**
- **Design within the Asia Pacific region, designing for artisan production, and sustainable design in developing economies**
- **Design and computing including interactive design, web design and screen interface, digital and pre-press design**
- **Design and society including ageing populations; design interventions for specific communities; design and national experience; and production and consumption design**
- **Environment/spatial design including interiors, exhibition, theatre, urban and landscapes**
- **Ethical, socially aware and sustainable design**
- **Graphics/media including visual identity design; book, magazine and electronic media; illustration; experimental typography and letterpress printing**
- **Interdisciplinary and multidisciplinary design**
- **Jewellery including design for the body, costume and fashion; designs for the table, interior, industry, installation and experimental object design**
- **Textiles including design for the body, costume design, accessories and fashion, objects, interiors and designing for the commercial textile industry, installation and experimental textile and art design**

### Research centres and laboratories

- **National Institute for Experimental Arts – NIEA**: [niea.unsw.edu.au](http://niea.unsw.edu.au)
- **Contemporary Culture, Art & Politics – CCAP**: [niea.unsw.edu.au/research/organisations/contemporary-culture-art-politics-ccap](http://niea.unsw.edu.au/research/organisations/contemporary-culture-art-politics-ccap)
- **International Uniting Care**: [niea.unsw.edu.au/research/organisations/3d-visualisation-aesthetics-lab](http://niea.unsw.edu.au/research/organisations/3d-visualisation-aesthetics-lab)
- **UNSW Design**: [design.unsw.edu.au](http://design.unsw.edu.au)

### Research groups

- **Imaging the Land**: [niea.unsw.edu.au/research/organisations/research-groups/land](http://niea.unsw.edu.au/research/organisations/research-groups/land)
- **Teaching and Learning Research**: [niea.unsw.edu.au/research/organisations/research-groups/teaching-learning](http://niea.unsw.edu.au/research/organisations/research-groups/teaching-learning)
- **Curatorship, museology and the arts**: [niea.unsw.edu.au/research/organisations/curatorship-museology-the-arts](http://niea.unsw.edu.au/research/organisations/curatorship-museology-the-arts)
- **NIEA**: [niea.unsw.edu.au](http://niea.unsw.edu.au)
- **Cicada Press**: [artdesign.unsw.edu.au](http://artdesign.unsw.edu.au)
- **The Environmental Research Initiative for Art and the Environment (ERA)**: [niea.unsw.edu.au](http://niea.unsw.edu.au)
- **Institute for Creative Practice**: [niea.unsw.edu.au/research/organisations/curatorship-museology-the-arts](http://niea.unsw.edu.au/research/organisations/curatorship-museology-the-arts)
- **Interdisciplinary and multidisciplinary design**: [niea.unsw.edu.au/research/organisations/research-groups/land](http://niea.unsw.edu.au/research/organisations/research-groups/land)
- **Research into Experimental Design: Objects**: [niea.unsw.edu.au/research/organisations/research-groups/land](http://niea.unsw.edu.au/research/organisations/research-groups/land)
- **In Site**: [niea.unsw.edu.au/research/organisations/research-groups/land](http://niea.unsw.edu.au/research/organisations/research-groups/land)
- **The Drawing Research Group**: [artdesign.unsw.edu.au/research/organisations/curatorship-museology-the-arts](http://artdesign.unsw.edu.au/research/organisations/curatorship-museology-the-arts)
Research programs

Master degrees by research

- Art & Design (2266)
- Fine Arts (2245)

Program Duration: 2 years

Entry: February and July

Estimated first year tuition: $28,320

Entry requirements

- Recognised four-year Bachelor degree with honours that includes a substantial research component, or the equivalent. (pg 77)

Master of Philosophy

Program code 2267

Faculty: Art & Design

Program Duration: 1.5 years

Entry: February and July

Estimated first year tuition: $28,320

Entry requirements

- Recognised Master degree in the relevant area from UNSW, at a level specified by the Faculty, or a qualification considered equivalent from a recognised university or tertiary institution.

Doctor of Philosophy

Program code 2264

Faculty: Art & Design

Program Duration: 3 to 4 years

Entry: February and July

Estimated first year tuition: $28,320

Entry requirements

- Recognised Master degree with a substantial research component, or a recognised four-year Bachelor degree with a substantial research component with first or upper second class honours. (pg 77)

Centre for Social Research in Health

Research areas

- HIV and sexual health risk and risk reduction
- Disability and mental health
- Households, families and communities
- Indigenous policy and participation
- Inequality, poverty and social exclusion
- Social outcomes of Environmental Change
- Social policy administration and organisation

Centre for Refugee Research

Research areas

- International refugee flows
- Internally displaced people
- Forced migration and resettlement issues
- Refugee Advocacy
- Vulnerable refugees, in particular women and girls at risk

Arts and Social Sciences

Research areas

UNSW Arts & Social Sciences is recognised as a national and international leader in research. We generate outcomes with real social impact and genuine community engagement.

Our overarching research strengths are:

- Social Policy, Education and Health
- Contemporary Humanities and Creative Arts
- Development, Rights and Security
- Supervision is offered in our School and Centres in a broad range of research and discipline areas.

The Arts and Media

Research areas

- Creative writing
- English and literary studies
- Film studies
- Media and communication studies and practice
- Music studies and music composition
- Theatre and performance studies and practice

Centres for Modernism Studies in Australia

Research areas

- Literary modernism
- Visual modernism
- Philosophical modernism
- Architectural modernism
- Theatrical modernism
- Musical modernism

Education

Research areas

- Assessment and evaluation
- Educational Policy and Leadership
- Educational psychology
- Gifted education
- Higher education
- Language and literacy education
- Maths and science education
- Special education
- Teacher development and professional learning
- Visual and Performing Arts Education

Humanities and Languages

Research areas

- Women’s and gender studies
- Philosophy
- Linguistics
- Languages and culture
- Linguistics
- Philosophy
- Women’s and gender studies

Centre for Social Research in Health

Research areas

- HIV and sexual health risk and risk reduction
- Disability and mental health
- Households, families and communities
- Indigenous policy and participation
- Inequality, poverty and social exclusion
- Social outcomes of Environmental Change
- Social policy administration and organisation

Social Policy Research Centre

Research areas

- Care
- Disability and mental health
- Households, families and communities
- Indigenous policy and participation
- Inequality, poverty and social exclusion
- Social outcomes of Environmental Change
- Social policy administration and organisation

Centre for Refugee Research

Research areas

- International refugee flows
- Internally displaced people
- Forced migration and resettlement issues
- Refugee Advocacy
- Vulnerable refugees, in particular women and girls at risk

Research programs

Master of Arts by Research

Program code 2353

Faculty: Arts & Social Sciences

Program Duration: 1.5 to 2 years

Entry: February and July

Estimated first year tuition: $27,120

Entry requirements

- A qualification or combination of qualifications considered to be equivalent by the appropriate Faculty or Arts & Social Sciences Higher Degree Committee.
- An appropriate four year Bachelor’s degree with Honours from an Australian University that includes a substantial research component OR
- A qualification or combination of qualifications considered to be equivalent by the appropriate Faculty or Arts & Social Sciences Higher Degree Committee.

See full admissions details at handbook.unsw.edu.au
### Arts and Social Sciences: research programs

**Master of Education by Research**
- Faculty: Arts & Social Sciences
- Program code: 2354
- Program Duration: 1.5 to 2 years
- Entry: February and July
- Estimated first year tuition: A$27,120

- Entry requirements
  - Entry Requirements are as per Master of Arts by Research (2353).

**Master of Educational Leadership by Research**
- Faculty: Arts & Social Sciences
- Program code: 2355
- Program Duration: 1.5 to 2 years
- Entry: February and July
- Estimated first year tuition: A$27,120

- Entry requirements
  - Entry Requirements are as per Master of Arts by Research (2353).

**Master of Higher Education by Research**
- Faculty: Arts & Social Sciences
- Program code: 2359
- Program Duration: 1.5 to 2 years
- Entry: February and July
- Estimated first year tuition: A$27,120

- Entry requirements
  - Entry Requirements are as per Master of Arts by Research (2353).

**Master of Music by Research**
- Faculty: Arts & Social Sciences
- Program code: 2356
- Program Duration: 1.5 to 2 years
- Entry: February and July
- Estimated first year tuition: A$27,120

- Entry requirements
  - Entry Requirements are as per Master of Arts by Research (2353).

**Master of Music Education by Research**
- Faculty: Arts & Social Sciences
- Program code: 2357
- Program Duration: 1.5 to 2 years
- Entry: February and July
- Estimated first year tuition: A$27,120

- Entry requirements
  - Entry Requirements are as per Master of Arts by Research (2353).

**Master of Social Work by Research**
- Faculty: Arts & Social Sciences
- Program code: 2377
- Program Duration: 1.5 to 2 years
- Entry: February and July
- Estimated first year tuition: A$27,120

- Entry requirements
  - Entry Requirements are as per Master of Arts by Research (2353).

**Master of Social Sciences by Research**
- Faculty: Arts & Social Sciences
- Program code: 2358
- Program Duration: 1.5 to 2 years
- Entry: February and July
- Estimated first year tuition: A$27,120

- Entry requirements
  - Entry Requirements are as per Master of Arts by Research (2353).

**Master of Higher Education by Research**
- Faculty: Arts & Social Sciences
- Program code: 2359
- Program Duration: 1.5 to 2 years
- Entry: February and July
- Estimated first year tuition: A$27,120

- Entry requirements
  - Entry Requirements are as per Master of Arts by Research (2353).

**Doctorate of Philosophy in Creative Practice**
- Includes music, creative writing, practice-based research
- Program code: 1273
- Faculty: Arts & Social Sciences
- Program Duration: 3 to 4 years
- Entry: February and July
- Estimated first year tuition: A$27,120

- Entry requirements
  - A four-year Bachelor’s degree with first or upper second class honours from an Australian University, OR
  - A completed Masters by Research degree, OR
  - Equivalent academic qualification(s) approved by the appropriate Faculty of Arts & Social Sciences Higher Degree Committee.

**Doctor of Philosophy in Education**
- Program code: 1910
- Faculty: Arts & Social Sciences
- Program Duration: 3 to 4 years
- Entry: February and July
- Estimated first year tuition: A$27,120

- Entry requirements
  - Entry Requirements are as per Doctor of Philosophy in Creative Practice (1273).

**Doctor of Philosophy in Humanities**
- Includes history, philosophy, international languages and literature, literary studies, linguistics, interpretive and translation, English language, film, media, performing arts
- Program code: 1271
- Faculty: Arts & Social Sciences
- Program Duration: 3 to 4 years
- Entry: February and July
- Estimated first year tuition: A$27,120

- Entry requirements
  - Entry Requirements are as per Doctor of Philosophy in Creative Practice (1273).

**Doctor of Philosophy in Social Sciences**
- Includes sociology and anthropology, criminology, politics, international relations, policy studies, development studies, social policy, social aspects of health and health care
- Program code: 1272
- Faculty: Arts & Social Sciences
- Program Duration: 3 to 4 years
- Entry: February and July
- Estimated first year tuition: A$27,120

- Entry requirements
  - Entry Requirements are as per Doctor of Philosophy in Creative Practice (1273).

**Doctorate of Public Policy Governance**
- Program code: 1746
- Faculty: Arts & Social Sciences
- Program Duration: 3 years
- Entry: February and July
- Estimated first year tuition: A$27,120

- Entry requirements
  - Advanced Standing Entry Pathway:
    - A minimum 2 years post-qualifying professional policy practice experience within either the government, nongovernment or private sectors; AND
    - A demonstrated capacity for independent research under the guidance of a supervisor; AND
    - A Masters (Coursework) degree with a distinction average and a significant research component, minimum equivalent 18 units of credit consisting of methodology training and a stand-alone research project.

**Doctor of Social Work**
- Program code: 1744
- Faculty: Arts & Social Sciences
- Program Duration: 3 years
- Entry: February and July
- Estimated first year tuition: A$27,120

- Entry requirements
  - A social work qualification established by eligibility for membership of the Australian Association of Social Workers, or membership of an equivalent overseas professional social work association AND
  - A minimum 2 years post-qualifying professional social work practice experience AND
Built Environment Research areas

UNSW Built Environment offers a number of higher research degrees. The Master of Philosophy (MPH) is a research degree that includes a coursework component designed to help you develop research expertise in a particular area of study. The Masters by Research is a research degree that requires the completion of a substantial research project, but more limited in scope and nature to that required for a PhD. The Doctor of Philosophy (PhD) is a research degree providing opportunities for students to make an original and significant high-level contribution to knowledge in an area of built environment research.

Judith O’Callaghan
Director of Postgraduate Research
JudithO@fbe.unsw.edu.au

Design - Architecture, Interior Architecture and Industrial Design
- Design as social, educative and ecological knowledge
- Design as a speculative, creative and artistic practice
- Computer-based perspectives that inform design processes and outcomes
- Product design processes including marketing, production and usability

Environment and Sustainability - Sustainable Development, Landscape Architecture and Architecture
- Creation of sustainable urban environments in social, ecological and economic terms
- Environmental performance of buildings, in social, ecological and economic terms
- Urban planning, design and community planning

History and Theory - Architecture, Landscape Architecture, Interior Architecture, and Planning
- History and theory of the built environment
- Heritage and conservation

Property Development and Construction - Building and Construction Management, Real Estate, Sustainable Development, Property and Development
- Facilities, design, conflict, resource, tender, and safety management
- Organisational behaviour, human resources and culture
- Property development, management and tendering practices
- Applications of information technology in management practice

Urban Studies - Urban Planning, Urban Design, Urban Policy, Sustainable Development
- Public, environmental, social and economic influences on planning and development
- Urban housing markets and dynamics
- Urban planning, design and infrastructure issues in contemporary cities and urban areas
- Environmentally sustainable development, design and community planning

Research clusters
The Faculty’s research clusters are cross-disciplinary coalitions of staff and postgraduate research students organised around identifiable and emerging research strengths. Through engagement on common projects, publications and workshops, they capitalise on the synergies of individual research interests.

Robert Freestone, Associate Dean Research r.freestone@unsw.edu.au

Urban Typologies
The urban typologies group undertakes cross-disciplinary research in cultural landscapes, urban morphology, architectural history, heritage and urban design. It focuses on metropolitan Sydney and the major typologies that have shaped its urban and suburban environment, drawing on cultural and critical architectural theory.

People and Place
The People and Place group is concerned with understanding the relationship between people and their environments with members bringing complementary expertise in the fields of urban sociology, environmental psychology, environment-behaviour studies, urban and landscape design, and social planning.

Design Research
The Design Research group’s focus is research through design for the 21st century city.

Research programs

- Master of Philosophy
  - Program code 1130
  - Program Duration 1.5 to 2 years
  - Entry February and July
  - Research areas
    - Architecture
    - Building
    - Construction and Project Management
    - Facilities Management
    - Town Planning and Urban Design

- Doctor of Philosophy
  - Program code 1130
  - Program Duration 3 to 4 years
  - Entry February and July
  - Research areas
    - Architecture
    - Building
    - Construction and Project Management
    - Facilities Management
    - Town Planning and Urban Design

Cooperative Research Centre for Low Carbon Living
Professor Deo Prasad
d.prasad@unsw.edu.au

UNSW Built Environment maintains a close affiliation with the CRC for Low Carbon Living. The CRC was officially launched in late 2012 and is headquartered by Built Environment SciTech Professor Deo Prasad. It brings together key property, planning, engineering and policy organisations with leading Australian researchers to develop new social, technological and policy tools for reducing greenhouse gas emissions in the built environment. There are three major research programs targeting key issues in transitioning to low carbon built environments:
- Integrated Building Systems
- Low Carbon Precincts
- Engaged Communities

The Centre is headquartered in the Tyree Energy Technologies Building, a landmark 6-Star energy efficient building while researchers working on projects with Built Environment staff are housed in the Red Centre.

International.unsw.edu.au | handbook.unsw.edu.au

International.unsw.edu.au | Handbook.unsw.edu.au
Research areas

Accounting Research areas
- Accounting and assurance for carbon emission permits/carbon instruments
- Accounting failures and irregularities in published financial reports
- Accounting for corporate combinations and associations
- Accounting for goodwill and other intangible assets
- Accounting information price formation and capital markets
- Accounting information and corporate governance
- Audit and professional judgements
- Audit quality
- Conservatism
- Corporate disclosure/integrated reporting
- Customer supplier negotiations
- Customer profitability
- Decision making and outcomes of temporary corporate bankruptcy procedures
- Development and evaluation of international auditing standards
- Earnings management
- Economics of auditing
- Environmental management accounting
- Fair value accounting
- Financial reporting by companies subject to external administration
- Fraud
- Global governance
- Impact of international Financial Reporting Standards (IFRS)
- Incentive scheme designs
- International accounting and auditing
- International financial markets
- Integrating sustainability into business strategy
- Judgement and decision making in a financial reporting environment
- Knowledge management and intangible capital reporting
- Management control systems
- Managerial judgement and decision making using strategic performance information
- Managing inter-firm relationships
- Professional scepticism
- Qualitative research methods and management accounting
- Reducing the expectation gap
- Role and impact of financial analysts
- Role of accounting in public-private partnerships
- Strategising and accounting
- Strategic performance management systems
- Strategic capital investment decisions
- Supply chain accounting
- Value relevance of accounting information

Banking and Finance Research areas
- Asset pricing
- Banking and financial institutions
- Behavioural finance
- Corporate finance
- Derivatives
- Experimental and neuro finance
- Financial econometrics
- Financial markets
- Fixed Income
- International finance
- Investment management
- Macro-finance
- Market microstructure
- Mergers and acquisitions
- Mutual funds, pension funds and hedge funds
- Portfolio management
- Private equity: alternative capital
- Quantitative finance
- Real estate finance
- Risk management
- Securities offerings

Information Systems, Technology and Management Research areas
- Applications of the internet for example e-business, e-health, e-democracy
- Business process management
- Business intelligence and decision making
- Emergent methodologies for delivering high value IS for example agile and lean development
- Enterprise systems
- Global supply chain management
- Impact of IS on people, organisations, government and society
- IS strategy and management
- IS for innovation and open innovation
- IS for social networking
- IS, risk, security and forensics
- Role of the CIO (Chief Information Officer) and IS executives
- Service quality management
- Natural resource and environmental economics
- Pension economics
- Personnel economics
- Political economy
- Productivity analysis
- Public economics
- Public finance
- Time series analysis

Economics Research areas
- Applied econometrics
- Applied microeconomics
- Bayesian econometrics
- Computational economics
- Contract theory
- Development economics
- Econometric and statistical modelling
- Economic development
- Economic growth
- Economic history
- Economic measurement
- Economics of technology and structural change
- Environmental economics
- Experimental and behavioural economics
- Financial economics
- Firm dynamics
- Game theory
- Health economics
- Heterodox economics
- Income distribution
- International finance
- International trade
- Industrial organisation
- Labour economics
- Macroeconomic theory
- Mathematical economics
- Microeconomic theory
- Microeconomics
- Monetary economics

Information Systems, Technology and Management Research areas
- Applications of the internet for example e-business, e-health, e-democracy
- Business process management
- Business intelligence and decision making
- Emergent methodologies for delivering high value IS for example agile and lean development
- Enterprise systems
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- Impact of IS on people, organisations, government and society
- IS strategy and management
- IS for innovation and open innovation
- IS for social networking
- IS, risk, security and forensics
- Role of the CIO (Chief Information Officer) and IS executives
- Service quality management

Marketing Research areas
- Affect and consumer judgement
- Branding and marketing communications
- Competitive marketing strategy
- Consumer psychology and consumer behaviour
- Coordinating in distribution channels
- Cross-cultural marketing and ethnoimathy
- Customer relationship management
- Customer satisfaction
- Front line service
- International marketing
- Macromarketing
- Marketing metrics
- Preference formation and consumer decision making
- Pricing
- Product/service innovation
- Retail assortment
- Services marketing
- Services process analysis
- Statistical and economic modelling

Management Research areas
- Career and organisational performance
- Comparative management systems, particularly in Asia
- Corporate social responsibility and sustainability
- Corporate strategy
- Corporate diversification
- Corporate governance
- Cross-cultural and diversity management
- Dynamic capabilities
- Evolutionary theories in management, networks and economics
- Evolution of networks
- Foreign direct investment and inter-firm linkages
- Globalisation and work in the service economy
- High performance work systems and employee well-being
- Human resource management and its impact on employees
- Industrial relations
- Institutional finance and evolution
- Institutional theory and identity
- Intr- and inter- organisational networks
- Innovation and entrepreneurship
- International business strategy
- Labour market and industrial relations practices
- Management behaviour and dynamics
- Managerial decision-making and mental models
- New venture development
- Organisational health and safety
- Organisational change
- Organisational ecology
- Organisational theory
- Personality theory in relation to organisations
- Performance measurement
- Professional judgement in the audit process
- Risk management
- Social network analysis
- Strategic choice theory
- Strategic goal-setting and aspirations
- Supply chains and trust relations
- System dynamics of firm growth
- Team dynamics and performance
- Transnational corporations, intellectual property rights and aspects of performance

Risk and Actuarial Studies Research areas
- Asses-ability modelling and optimal control in insurance
- Enterprise risk management and dependent risks
- Financial economics and applications in insurance and superannuation
- Insurer capital management and loss reserving
- Insurer optimal asset allocation and risk management
- Modelling and pricing of insurance, credit and catastrophe risks
- Pension and superannuation
- Population ageing research
- Risk management and product design for retirement, longevity and health risks

Taxation and Business Law Research areas
- Alternative dispute resolution
- Business ethics and ethics in taxation
- Capital gains tax
-Chinese competition and consumer law
- Competition and anti-trust laws
- Conceptual and structural issues in income tax
- Consumer protection and fair trading laws
- Corporate tax integration and taxation of entities
- Corporate governance
- Corporate tax integration and taxation of entities
- Directors’ duties
- E-business law
- Environmental tax
- Fiscal federalism and intergovernmental transfers
- Franchising code of conduct
- Franchising policy, development, regulation, international expansion and comparative law
- Good faith
- Goods and services tax
- Income tax
- Industry codes of conduct
- Insolvency law
- Intellectual property and taxation of intellectual property
- Comparative taxation (including double taxation treaties)
- International taxation
- International trade and investment law
- Legal and regulatory issues in corporate restructuring
- Not-for-profit organisations
- Intangible assets
- Retail leasing law
- Shareholder rights and remedies
- Tax administration
- Tax aspects of corporate finance
- Tax complexity
- Tax compliance
- Tax compliance costs
- Tax expenditures
- Tax gap
- Tax risk management
- Taxation in China
- Taxation law reform
- Taxation of entities and groups of entities
- Taxation of superannuation
- Taxation of trusts
- Tax-transfer system reform
- Unconscionable conduct

Business School: research programs / 120

Business School: research programs

Doctor of Philosophy
Program code (1521)

Accounting
- Accounting (1521)
- Organisation and Management (1550)
- Risk and Actuarial Studies (1545)
- Strategy and Entrepreneurship (1520)
- Taxation and Business Law (1536)

Entry requirements
- a four-year Bachelor’s degree with first or upper second class honours from an Australian university, OR
- a completed Master by Research degree, OR
- equivalent academic qualification(s) approved by the appropriate Faculty higher degree committees. Applicants must complete an expression of interest to the School before applying.

Master of Philosophy
Program code (2585)

Accounting
- Banking and Finance
- Economics
- Human Resource Management
- Industrial Relations
- Information Systems and Technology Management
- International Business
- Marketing
- Organisational Behaviour
- Risk and Actuarial Studies
- Strategy and Entrepreneurship
- Taxation and Business Law
Research programs

Master of Engineering by Research

<table>
<thead>
<tr>
<th>Faculty Engineering</th>
<th>Estimated first year tuition</th>
<th>Program Duration</th>
<th>Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomedical Engineering (2966)</td>
<td>Mechanical and Manufacturing Engineering (2832)</td>
<td>1.5 to 2 years</td>
<td>February and July</td>
</tr>
<tr>
<td>Chemical Engineering (2150)</td>
<td>Mining Engineering (2185)</td>
<td>1.5 to 2 years</td>
<td>February and July</td>
</tr>
<tr>
<td>Civil and Environmental Engineering (2650)</td>
<td>Petroleum Engineering (2156)</td>
<td>1.5 to 2 years</td>
<td>February and July</td>
</tr>
<tr>
<td>Computer Science and Engineering (2655)</td>
<td>Photovoltaic Engineering (2655)</td>
<td>1.5 to 2 years</td>
<td>February and July</td>
</tr>
<tr>
<td>Electrical Engineering (2800)</td>
<td>Surveying and Spatial Information Systems (2721)</td>
<td>1.5 to 2 years</td>
<td>February and July</td>
</tr>
</tbody>
</table>

Master of Science by Research

<table>
<thead>
<tr>
<th>Faculty Engineering</th>
<th>Estimated first year tuition</th>
<th>Program Duration</th>
<th>Entry</th>
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<tbody>
<tr>
<td>Biomedical Engineering (2795)</td>
<td>Chemical Engineering (2795)</td>
<td>1.5 to 2 years</td>
<td>February and July</td>
</tr>
<tr>
<td>Civil and Environmental Engineering (2750)</td>
<td>Computer Science and Engineering (2765)</td>
<td>1.5 to 2 years</td>
<td>February and July</td>
</tr>
<tr>
<td>Electrical Engineering (2800)</td>
<td>Industrial Chemistry (2016)</td>
<td>1.5 to 2 years</td>
<td>February and July</td>
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</tbody>
</table>

Doctor of Philosophy

<table>
<thead>
<tr>
<th>Faculty Engineering</th>
<th>Estimated first year tuition</th>
<th>Program Duration</th>
<th>Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomedical Engineering (1116)</td>
<td>Industrial Chemistry (1116)</td>
<td>3 to 4 years</td>
<td>February and July</td>
</tr>
<tr>
<td>Chemical Engineering (1010)</td>
<td>Mechanical and Manufacturing Engineering (1662)</td>
<td>3 to 4 years</td>
<td>February and July</td>
</tr>
<tr>
<td>Civil and Environmental Engineering (1630)</td>
<td>Mining Engineering (1563)</td>
<td>3 to 4 years</td>
<td>February and July</td>
</tr>
<tr>
<td>Computer Science and Engineering (1650)</td>
<td>Petroleum Engineering (1517)</td>
<td>3 to 4 years</td>
<td>February and July</td>
</tr>
<tr>
<td>Electrical Engineering (1649)</td>
<td>Photovoltaic Engineering (1655)</td>
<td>3 to 4 years</td>
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</tr>
<tr>
<td>Food Science and Technology (1021)</td>
<td>Surveying and Spatial Information Systems (1681)</td>
<td>3 to 4 years</td>
<td>February and July</td>
</tr>
</tbody>
</table>

Entry requirements

Recognised Bachelor degree with honours that includes a substantial research component, or the equivalent.

For further details of engineering research areas see unsw.to/EngResearchAreas
Law: research programs

Research areas

**Environmental Law**
- Environmental Law
- Energy law
- International environmental law
- Legal geography
- Natural resources law
- Planning law
- Water law

**Evidence and Civil Procedure**
- Bail and remand
- Class actions
- Comparative civil procedure
- Complex civil litigation
- Evidence and procedure (civil)
- Evidence and procedure (criminal)
- Judging

**Human Rights and Social Justice**
- Access to justice
- Children and the law
- Discrimination law
- Economic, social and cultural rights
- Family law
- Juvenile justice
- Law and gender
- Legal aid
- Public interest litigation
- Women's human rights

**Indigenous Peoples and the Law**
- Aboriginal peoples and democracy
- Aboriginal women and the law
- Native title and land rights

**Legal Education and Pedagogy**
- Clinical legal education
- Legal ethics
- Law reform
- Legal profession
- Legal history

**National Security and Terrorism**
- Border policing
- International law and use of force

**Private Law**
- Contract law
- Employment law
- Equity and trusts
- Housing law
- Private law theory
- Remedies
- Restitution and unjust enrichment
- Strata and community title
- Succession
- Torts law

**Public International Law**
- European Union law
- International disaster law
- International economic law
- International environmental law
- International heritage law
- International human rights law
- International humanitarian and criminal law
- International law and use of force
- International legal theory
- International organisations

**Law, Science and Technology**
- Law and technology
- Legal information systems

**Legal and Social Theory**
- Critical theory
- Feminist legal theory
- Law after Communism
- Law and society
- Moral and political philosophy
- Liberal legal theory
- Post structural legal theory
- Private law theory
- Religion and the law
- Research Methodology
- Rule of law
- Socio-legal studies
- Sociology of Law

**Regulation and Regulatory Theory**
- Corporate governance
- Law and medicine
- Online investing regulation
- Organisational and occupational culture
- Policy analysis and evaluation
- Regulatory litigation

**Transnational and Comparative Law**
- African law
- Comparative constitutional law
- Comparative civil procedure
- Comparative criminal justice
- Conflict of laws
- Globalisation and the law
- Transnational litigation
- South African law
- US Law

**Constitutional and Administrative Law**
- Administrative law
- Charters of rights
- Comparative constitutional law
- Constitutional law
- Deliberative democracy
- Electoral law
- Federalism
- Judicial dissent
- Migration law
- Public law
- Referendums
- State liability

**Corporate and Commercial Law**
- Banking and finance law
- Commercial law
- Competition and consumer law
- Dispute resolution
- Financial services law
- Sports law
- Superannuation law
- Takeover law

**Criminal Law, Criminal Justice and Criminology**
- Border policing
- Comparative criminal justice
- Criminal justice and criminology
- Criminal law
- Domestic Violence
- Feminist criminology
- Gender and criminal justice
- Homicide
- Policing
- Prisons and penology
- Restorative justice
- State crime
- The criminal trial
- Therapeutic jurisprudence
- Victimology and victim rights
- White collar crime

**Intellectual Property**
- Art and law
- Copyright law
- Cyberlaw
- Defamation
- History and theory of intellectual property laws
- Law and culture
- Laws affecting Indigenous cultural property
- Media law
- Patent law
- Trade marks and design

**International Law**
- International refugee law and forced migration
- Law of the sea
- The law of state responsibility
- The law of treaties

**Human Rights and Social Justice**
- Access to justice
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- US Law
Gastrointestinal and Bladder Disease Group
- Uncovering the causes of and developing therapeutics for gut and bladder diseases

Inflammation and Infection Research
- Cancer cachexia mechanisms research
- Cytokine biology research
- Immune regulation research
- Inflammatory bowel disease research
- Pulmonary inflammation research
- Pulmonary fibrosis research
- Immunometabolism
- Red cell signaling

Metabolic Disease
- Environmental determinants of obesity
- Molecular biology of ageing
- Mitochondrial bioenergetics

Molecular Pharmacology and Drug Design
- Computer-aided drug design
- Autocrine protein coupled receptor
- Cancer drug discovery

Nerve, Brain and Behaviour
- Brain, blood pressure and stress
- Neuropathological research
- Neuropathic pain research
- Neuropharmacology and brain injury

System Medicine
- Computational biology and bioinformatics
- Immunometabolism
- Immunology

Translational Neuroscience Facility
- Clinical neurophysiology
- CNS neuroprotection
- Functional genomics
- Memory and plasticity
- Neurosystems
- Sensori-motor

EMERGING RESEARCH GROUPS
- Cell biology lab

School of Public Health and Community Medicine
Research Student Support Officer
resourced-phcm@unsw.edu.au
phcm.med.unsw.edu.au

The School of Public Health and Community Medicine is a leading Australian and regional school for the related disciplines of public health, health management and community medicine, with an extensive alumni network in Australia and the Asia Pacific region. Many of our alumni are leaders in the health sector, and these relationships place us at the forefront of translation of research into practice. We seek to promote health, prevent disease and strengthen health systems in Australia and the region, and continually work at the interface of research translation. We have a vibrant and active research culture, evidenced in the activities of our many research students (currently over 140 enrolled) and academic staff, our track record of high impact publications, our successful history of research grants, and the transdisciplinary backgrounds and experience of our academic, research and conjoint staff.

Research Areas
- Global health
- Infectious diseases epidemiology and control
- Primary health care
- Indigenous health
- Social research
- Ageing, centenarian health and geriatric medicine
- Biosciences
- Epidemiology
- Health economics
- Health promotion
- Health services and systems
- Health service management and human resources
- Mathematical modeling
- Mental health
- Psychosocial issues
- Refugee health
- Medical education
- Smoking cessation interventions
- Sexual health

Associated centres and units of SPHCM
Centre for Primary Health Care and Equity
Professor Mark Harris
chphce@unsw.edu.au
chphce.med.unsw.edu.au

• Structured care for the prevention and management of chronic disease (especially diabetes, cardiovascular disease, multi-morbidity and mental health) including self management, teamwork, information systems, decision support and links to community programs
• Prevention in primary health care including assessment of lifestyle and other risk, brief interventions, coaching and motivational interviewing, referral and long term maintenance
• Health equity research including early childhood, disadvantaged communities and population, healthy public policy and health impact assessment
• Integration of policy and practice linking primary health care and the rest of the health system
• Health informatics in primary health care with a focus on integration of care across providers and services

Muru Marri Indigenous Health Unit
Professor Lisa Jackson-Pulver
lisa.jackson-pulver@unsw.edu.au

Research Areas
- Data quality enhancement and epidemiological studies of Aboriginal and Torres Strait Islander and Indigenous Australians
- Empowerment of families, and particularly young people, to promote health and wellbeing during the key transitions across the lifespan (for example, pregnancy, infancy, school transitions, pre-adolescence to adolescence, adulthood to ageing)
- Enhancement of primary health care and mental health, drug and alcohol, corrective and other services to support better health, wellbeing and social outcomes
- Educational research playing a critical role in enhancing the Indigenous health workforce development to achieve positive, widespread change

UNSW Clinical School and Teaching Hospitals
School of Women’s and Children’s Health
Research Areas
Paediatrics
Professor Richard Lock
richard.lock@unsw.edu.au
swch.med.unsw.edu.au

• Aboriginal child health
• Asthma education
• Brain and nervous system disorders
• Childhood cancers and blood disorders
• Cytolic fibrosis and pancreatic complications
• Cutaneous haemangiomas, pathogenesis and therapy
• Developmental disorders in childhood
• Developmental neuroscience, growth factors and adult neural stem cells
• Diabetes, growth and syndrome X
• Epilepsy, pathogenesis and cognitive outcomes
• Gastrointestinal disorders, inflammatory bowel diseases and nutritional therapies
• Immunodeficiency syndromes
• Genetics of craniofacial syndromes
• Immunology, infectious diseases
• Long term effects of therapy in cancer survivors
• Lung diseases and airway inflammation
• Neonatal medicine
• New generation sequencing technologies in genetic diagnosis
• Neurocognitive syndromes, tuberous sclerosis
• Olfactory neurobiology and human psychophysics of taste and smell
• Psychosocial aspects of childhood malignancy
• Renal complications of haemopoietic stem cell transplantation

Obstetrics and Gynaecology
Professor Michael Chapman
m.chapman@unsw.edu.au
swch.med.unsw.edu.au

Research Areas
- Development of an EORTC quality of life model for vulvar cancer
- Women’s perceptions of sexuality and body image following treatment for early stage vulvar cancer
- Patients’ choices regarding sentinel node biopsy for vulvar cancer
- Patterns of failure in patients with endometrial cancer
- HPV DNA testing as a test of cure for CIN1-11
- Nutritional status, quality of life, and exercise pattern at time of diagnosis for women with gynaecological cancer
- Primary surgery for the management of stage 182 cervical cancer
- International multicentre randomized phase 3 clinical trial of a laparoscopic approach to endometrial cancer

Reproductive Medicine and Gynaecology
• Assisted reproductive science and technology
• Recurrent implantation failure and recurrent miscarriage
• Pathogenesis of ectopic pregnancy
• Embryonic genome activation and programming
• Gynaecological and non-gynaecological effects of polycystic ovary syndrome
• New approaches for minimally invasive gynaecological surgery

Gynaecological Oncology
• Role of unnatural cell ATP in the mechanism of urgency in the overactive bladder
• Low grade bacterial cystitis in refractory dysuria overactivity
• Randomised controlled trial of electromagnetic chair versus routine PFMT for stress incontinence
• Randomised controlled trial of single use versus re-use catheters in patients who self-catheterise for bladder outflow obstruction; cost and microbiological implications

Medical Research areas / 126
School of Psychiatry

Associate Professor Philip Ward
p.ward@unsw.edu.au
psych.med.unsw.edu.au

Contact for the Master of Philosophy in Forensic Mental Health Program (2712)
Associate Professor Kimberlie Dean
k.dean@unsw.edu.au
forensicmentalhealth.unsw.edu.au

Research Areas
- Alzheimer’s disease and vascular dementia
- Anxiety disorders
- Bipolar disorder
- Brain imaging
- Childhood and adolescent mental disorders (autism, ADHD, Tourette’s)
- Depression
- Epidemiology of mental disorders, including burden of disease
- Forensic mental health
- Genetics of mental disorders
- Healthy ageing
- Intellectual disability mental health
- Mental health of refugees and asylum seekers
- Neurobiology of schizophrenia
- Neurostimulation for mental disorders
- (ECT, TMS, DCS)
- Perinatal and women’s mental health
- Psychiatric and clinicopathological genetics
- Psychoneuroimmunology
- Psychosis
- Psychological assessment and testing
- Psychosocial research
- Respiratory and pulmonary inflammation
- Cancer aetiology and prevention
- Ovarian cancer
- Pancreatic cancer translation
- Colorectal cancer
- Tumour growth
- Allergic rhinitis and asthma
- Airway hyperreactivity
- Neuro-oncology
- Cancer Screening
- Sarcoma
- Breast cancer
- Wnt signaling and metastasis
- Stem cell
- Metastasis

Department of Surgery

Associate Professor John Pimanda
jpminda@unsw.edu.au

Professor Philip Crowe
p.crowe@unsw.edu.au

Research Areas
- General surgery: wound healing
- Orthopaedic surgery: connective tissue healing, arthroplasty, joint prosthetics: design and evaluation; upper extremity biomechanics; use of molecular biology of osteolysis; bone graft substitutes
- Plastic surgery: distraction osteogenesis; bone graft substitutes
- Ophthalmology
- Surgical oncology
- Soft tissue sarcoma

St George & Sutherland Clinical School

Dr Ashish Diwan
diwan@spine-service.org
stgs.med.unsw.edu.au

Department of Medicine

Research Areas
- Aortic wall tensile strength
- Associated glycoproteins
- Biology and treatment of CLL and lymphoma
- Blood clotting related to autoregulation
- Blood in health and disease
- Breast cancer and pharmacoproteomics
- Cancer
- Cancer clinical trials
- Cardiac ischaemia and repair after infarction
- Cardiology
- Clinical haematology
- Clinical pharmacology
- Dermatology
- Emergency medicine
- Gastroenterology
- Gastrointestinal inflammation
- Gastrointestinal motility
- Hepatic metastases
- Histamine and its role in the cell-mediated immune response to tumour growth
- Hormonal control of fat metabolism, pregnancy metabolism and body composition
- Human factors in medical errors
- Hypertension, CVD and pre-eclampsia
- Immunology
- Immunosuppressive effects of tumour
- Intensive care
- Intervascular disc cell biology and regeneration
- Major injury and models of care
- Mechanics of disc for back pain cure
- Modulation of tumour infiltrating lymphocyte activity by the histamine-2 receptor, cimetidine
- Molecules in prostate cancer metastasis
- Nephrology
- Neurology
- Novel anti-cancer agents
- Nuclear medicine
- Nutritional studies
- Oestradiol in cox-rectal cancer
- Orthopaedic surgery
- Orthopaedic surgery clinical outcomes research
- Peritoneal Cancer, peritonectomy/HIFEC
- Physician and trainedise education
- Plastic and reconstructive surgery
- Prostate brachytherapy
- Public health and chronic kidney disease
- Radiofrequency ablation
- Rheumatology
- Sleep disorders and respiratory failure
- Treatment of liver cancer and noncytotoxic control of colorectal cancer
- Vitamin D3 analogue in cancer

St Vincent’s Clinical School

Associate Professor Mark Danta
m.danta@svsca.med.unsw.edu.au

Research Areas
- Arrhythmopharmacology
- Arterial ageing
- Bone marrow transplantation
- Bowel cancer screening
- Cardiac electrophysiology
- Cardiac transplantation
- Cardiovascular haemodynamics
- Clinical governance – patient safety, risk management, clinical quality
- Clinical pharmacology
- Control of HIV infection and injecting drug users
- Coronary heart disease
- Drug monitoring
- Falls in the elderly
- Gene therapy
- Genetics of thrombosis
- Interventional cardiology
- Lung transplantation
- Molecular approaches to diagnosis and treatment of cancer
- Nitric oxide and blood vessels
- Nucleic acid based catalytic molecules
- Palliative care medicine
- Treatment of cancer with monoclonal antibodies
- Cancer – epidemiology, aetiology, chemoprevention, patterns of care, hereditary colorectal

South Western Sydney Clinical School (SWSCS)

Department of Medicine

Research Areas
- Asthma
- Blood disorders
- Cancer
- Cardiac diagnostics
- Diabetes
- Immunology (including transplantation immunology)
- Infectious diseases
- Nephrosis
- Neurological disease

Department of Surgery

Research Areas
- Aortic wall tensile strength
- Associated glycoproteins
- Biology and treatment of CLL and lymphoma
- Blood clotting related to autoregulation
- Blood in health and disease
- Breast cancer and pharmacoproteomics
- Cancer
- Cancer clinical trials
- Cardiac ischaemia and repair after infarction
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- Palliative care medicine
- Treatment of cancer with monoclonal antibodies
- Cancer – epidemiology, aetiology, chemoprevention, patterns of care, hereditary colorectal

Electronic patient reported outcome measures in cancer settings.
- Evaluation into medical emergency teams and capabilities.
- Developing hospital-wide patient safety systems which has now been taken up in the majority of Australasian, North American and UK hospitals.
- Exploring the inequity in health status and health services access among indigenous and ethnic Australian children in order to understand their aetiology, epidemiology and potential policy interventions.
- Developing and evaluating the care model in Emergency Departments in particular with emphasis on reducing access block.
- Evaluating models of care in emergency departments.
- Evaluating end-of-life care in emergency departments.
- Developing predictive models for end-of-life care in acute hospital settings.
- Evaluating the effectiveness of a world-first, state-wide policy initiative in reducing unnecessary blood transfusion across all hospitals in NSW.

Rural Clinical School

A/Prof Craig McLachlan
cmac@unsw.edu.au
ruralc.med.unsw.edu.au

Research Areas
- Chronic disease
- Translational medicine
- Cardiology and diabetes (genetics)
- Rural medical education and workforce outcomes
- Medical devices and sensor technology
- Health services
- Community health screening
- Biomarkers and inflammation
- Stress / cognition
- Pathology
- Public domain data modelling
- Cancer (liver, lung, prostate, radiation oncology)
- Paediatrics and maternal health

Associated centre of SWSCS

Simpson Centre for Health Services Research

Professor Ken Hillman
k.hillman@unsw.edu.au

The Simpson Centre’s work concentrates on developing and evaluating innovative health services and clinical practice. Patient safety in acute hospitals is complex and a policy resistant challenge, requiring complex interventions. The Simpson Centre’s world renowned research covers a range of issues:
- The Simpson Centre’s partners are clinicians and patients in health systems, and those in jurisdictions responsible for health policy and practice improvement.
- Providing rapid systematic reviews on key policy questions for various government agencies on topics such as conflict resolution in palliative care, evidence on the impact of public reporting of health system performance, evidence of the impact of implementing a routine collected

USN5 Centres and Institutes

The Kirby Institute for Infection and Immunity in Society

(Formerly the National Centre in HIV Epidemiology and Clinical Research)

Dr Janaki Amin
jamin@kirby.unsw.edu.au

Research Areas
- Aboriginal and Torres Strait Islander health
- Biostatistics and databases
- HIV epidemiology and prevention
- Immunology and pathogenesis

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Research Areas
- Aboriginal and Torres Strait Islander health
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- HIV epidemiology and prevention
- Immunology and pathogenesis

National Drug and Alcohol Research Centre

Professor Michael Farrell
m.farrell@unsw.edu.au
ndarc.med.unsw.edu.au

Research Areas
- Clinical trials of pharmaceutical and psychological treatments for alcohol and other drug use, including dependence, relapse prevention, and co-occurring disorders
- Economic evaluations of such treatments, including cost analyses, cost-effectiveness analyses, cost-utility analyses, and work on prescribed medications under the pharmaceutical benefits scheme
- Epidemiological studies of harms caused by alcohol and other drug use, including death and non-fatal overdose
- Epidemiology of alcohol and other drug use
- Epidemiology of comorbidity between alcohol and other drug dependence and other mental disorders, such as the affective and anxiety disorders
- Studies of patterns of alcohol and drug use in the general population and in sub-sections of the population
- Cohort studies of child and adolescent populations in order to develop new understanding of vulnerabilities and resilience in the life cycle
- Evaluation of new prevention approaches and early interventions in alcohol and other drugs
- International drug policy
- Individual issues related to alcohol and other drugs
- Criminal justice system issues related to alcohol and other drugs

Aaffiliated Centres and Institutes

Children’s Cancer Institute

Dr Anne wyłącznie
aaphil@cci.org.au
www.cci.org.au

Research Areas
- Cancer cell proliferation
- Cancer cell death
- Telomeres and hypomethylated cells
- Cancer and Stem Cell Biology
- Experimental Therapeutics
- The ODC gene: another molecular target

Justice health
- Public health interventions
- Sexual health
- Surveillance and evaluation for public health
- HIV therapeutic and vaccines research
- Viral hepatitis clinical research
- Viral hepatitis epidemiology and prevention

Medicine: research areas / 128
- Targeting the N-myec oncogene in neuroblastoma
- MMP genes in neuroblastoma
- Histone Modification
- Leukaemia Biology - Drug resistance in childhood leukaemia
- Pre-clinical evaluation of new therapies
- New therapies for acute myeloid leukaemia
- Molecular Carcinogenesis - Neuroblastoma tumour initiation
- Retinoid therapies
- Injury and progression of childhood leukaemia
- Minimal Residual Disease
- Molecular Diagnostics
- Genetic suppressors of neuroblastoma
- ABC’s in adult cancers
- Improving treatment for leukaemia
- Targeted Therapies
- Novel therapies for Diffuse Intrinsic
- Pantine Glioma
- Tumour Biology and Targeting - Aurora kinase in cancer
- Using nanotechnology to deliver cancer treatments
- Motor neurone disease - clinical, pathological, imaging studies
- Muscle function and fatigue in health and disease
- Neurodegeneration and related diseases
- Parkinson’s disease - neuropathology and cellular biochemistry
- Sleep physiology and sleep apnoea
- Vestibulo-ocular reflex and balance

**Garvan Institute of Medical Research**

**Dr Alessandra Bray**

a.bray@garvan.org.au

www.garvan.org.au

**Research Areas**

- Cancer
- Diabetes and Metabolism
- Immunology
- Neuroscience
- Bone Biology
- Clinical Genomics

**Registration for Doctors and Specialist Medical Practitioner Training in Australia**

At UNSW some graduate vocational coursework Master programs are conducted in health services management, forensic mental health and public health. However, graduates of these programs do not automatically become eligible to work as medical practitioners. We also provide research training, for example, PhD and Master of Science degrees, but this training again is NOT a qualification to practise medicine.

Registration for medical practice in Australia is regulated by separate laws in each state and territory which are administered by the medical boards. A medical practitioner must be registered under the laws of the state or territory in which he/she intends to practice. Information on the registration requirements and procedures for overseas trained doctors is available from the Australian Medical Council. Information is also available from the Information Service for Overseas Trained Health Professionals.

Australian universities do not have responsibility for the conduct of programs providing training for medical practitioners wishing to become specialists – these are controlled by professional medical colleges. To become a specialist, a medical practitioner must be accepted into and complete a training program arranged by one of the recognised professional colleges. A major part of this training takes place in teaching hospitals but is NOT the responsibility of any of the Australian universities, although university staff have significant roles in both the colleges and hospitals. Training positions are competitive and often not easily available, particularly to non-residents. Enquiries should be directed to the relevant professional college. For details of all professional medical colleges in Australia, visit the Committee of Presidents of Medical Colleges website at: www.cpmc.edu.au

Foreign medical practitioners who wish to train in Australia should ensure that they are eligible for an appropriate visa. Enquiries for hospital positions should be directed to appropriate hospitals, or to the relevant professional body.

**Contact Details of Relevant Professional Bodies and Professional Colleges**

- Australian College of Gastroenterology - Website www.acg.org.au
- Royal Australasian College of Physicians - Website www.racp.edu.au
- Royal College of Pathologists of Australasia - Website www.rcpath.org
- Royal Australian College of Surgeons - Website www.racs.edu.au

**Research programs**

- Master of Philosophy Forensic Mental Health Program code 2172
- Master of Philosophy Public Health Program code 2173

**Research areas**

- Neuroscience Research Australia (Formerly Prince of Wales Medical Research Institute)
  - Professor Peter Schofield
  - p.schofield@unsw.edu.au
  - www.neuro.edu.au

**Research Areas**

- Ageing and neurodegeneration in Aboriginal Australians
- Alzheimer’s disease – clinical and genetic studies
- Autism – clinical and imaging studies
- Biochemical basis of brain function
- Childhood injury
- Consequences of nerve and spinal cord injury
- Construction of atlas of the brain and spinal cord in humans and experimental animals
- Developmental neurobiology of schizophrenia
- Falls prevention, particularly in the elderly
- Frontotemporal dementia – clinical, pathological, imaging studies
- Genetics and neuropathology of dementia
- Genetics of mental illness including bipolar disorder, schizophrenia and depression
- Human balance, postural control and movement
- Human sensation and mechanisms of transmitting sensory information to the brain
- Injuries from road accidents
- Magnetic resonance imaging and spectrosoccopy
- Mechanisms of acute and chronic pain
Recognised four-year Bachelor degree with honours (with a substantial research component).

Entry requirements

Entry requirements

Generally, candidates must have at least three years’ experience of surgical training and there should be a lapse of five years before the thesis is submitted from the date of the award of the undergraduate medical degree.

Recognised Master degree (including a substantial research component) or a recognised four-year Bachelor degree (with a substantial research component) with first class honours.

Recipient of research experience as acceptable to the Higher Degree Committee of the Faculty.

### Science

#### Research areas

**Aviation**

**Prof Ann Williamson**  
awilliamson@unsw.edu.au

**Research Areas**

- Accident investigation
- Airport operations and management
- Aviation human factors and safety
- Aviation meteorology
- Aviation and tourism
- Airborne remote sensing of the earth’s surface
- Cabin safety
- Forecasting and financial analysis
- Scheduling and flight planning
- Transport human factors and safety

**Biotechnology and Biomolecular Sciences**

**Dr Li Zhang**  
babs-pg@unsw.edu.au

**Research Areas**

*Active Research areas may vary over time.*

**Environmental Microbiology**

- Biofilm and biofilm control
- Bioremediation and bioremediation
- Novel biofuels
- Novel bacteriaviruses
- Monitoring and maintaining the health of Australian ecosystems
- Water quality and water re-use
- Systems and Cellular Biology
- Cell stress and ageing
- Chemotherapy and sterilisation
- Genetic mapping of phenotype and disease
- Protein interaction networks and systems biology

**Molecular Medicine**

- Immunogenetics
- Biocatalysis

**Infectious Disease**

- Evolution of pandemic norovirus
- Mathematical, computational and statistical methods to understand biological systems
- Molecular evolution and population structure of bacterial pathogens
- Hepatitis C virus and host immune response
- Muscular-associated bacteria in inflammatory bowel disease
- Viruses initiating carcinogenesis
- Medical bacteriology
- Medical Virology

**Biological, Earth and Environmental Sciences**

**Associate Professor Bryce Kelly**  
bryce.kelly@unsw.edu.au

**Biological Science**

**Research areas**

- Ecology of chemical defences against herbivores in marine plant/herbivore interactions, seaweed population biology, ecology of marine bivalve and development of novel antifoulants
- Ecology of coastal vegetation, habitat assessment, wetland and river ecology
- Ecology of predation and its impact on native and feral animals
- Functional morphology in mammalian teeth and skeletons; evolutionary history of vertebrates; fossil history of Australian mammals and vertebrate faunas; species-level diversity in Australian mammals; phylogenetic studies in marsupials
- Evolution of plant adaptive strategies across environments; relating variability in plant form and life history to diversity and distribution
- Evolutionary biology of ageing
- Ecological, evolutionary and genetic dynamics associated with sexual reproduction
- Relationships between sexual selection, intraspecific and interspecific adaptation
- Effects of water resource development on the ecology of rivers and wetlands, using remote sensing, GIS and hydrological analyses; ecology of Australian waterbirds, including reproductive success, movements, habitat use
- Ecology of desert systems, role of ecosystem engineers in soil and landscape processes in deserts; the ecology of biological soil crusts, plant-soil interactions in rangelands
- Water quality and water re-use
- Systems and Cellular Biology
- Cell stress and ageing
- Chemotherapy and sterilisation
- Genetic mapping of phenotype and disease
- Protein interaction networks and systems biology

**Climate Science**

**Research areas**

- Climate variability and change: climate extremes; Climate model evaluation
- Land surface, ecological and hydrological modelling
- Ocean dynamics
- Modes of climate variability (including El Niño, Indian Ocean Dipole, Southern Annular Mode)
- Australian rainfall variability/change
- Land- atmosphere interactions
- Water cycle processes
- Vulnerability to climate impacts
- Climate impacts on remote communities and indigenous Australian; climate of cities
- Air pollution and air quality
- Ocean carbon cycle and biogeochemistry
- Feedbacks and thresholds in the climate system
- Paleo proxy data - model comparison
- Geophysical fluid dynamics
- Abrupt climate change
- Vegetation dynamics
- Carbon cycle
- Atmosphere, ocean and coupled climate modelling
- Atmospheric physics and dynamics
- Cloud and convective processes

**Environmental Management and Policy**

**Research areas**

- Sustainable and community adaptation to climate change
- Mitigating Global Climate Change with Sustainable Energy
- Biodiversity conservation through access and benefit sharing
- Natural resource management
- Tools and approaches for assessing and monitoring the state of the environment and emerging trends
- Land use change and land degradation
- Spatial frameworks for environmental decision making
- Science-policy interface

**Geography**

**Research areas**

- Adaptive management of environmental flows in regulated and unregulated rivers
- Aquaculture management, integrated farming systems, degraded pond restoration, diseases of aquatic organisms, classification schemes for freshwater aquaculture and fisheries management
- Coastal development and management
- Coastal geomorphology
- Development of coastal industries
- Disturbance ecology: impacts of development on ecosystems
- Environmental and socio-economic impact assessments
- Fluvial geomorphology
- Geocomputation
- Geographic Information Systems (GIS) models and applications
- International development
- International migration, transnationalism and multiculturalism
- Nearshore processes
- Pacific and indigenous studies
- Palaeoenvironmental reconstruction: environmental change of the late Quaternary and Holocene
- Palynology, charcoal analysis, geochemistry, mineral magnetic analysis
- Remote sensing
- Rural and urban land capability assessment
- Soils: soil science, soil acidification, soil use and management
- Geography of race and anti-racism
- Urban geography
- Vegetation and climate of the postglacial period
- Vegetation and forest assessment
- Water quality assessment, lakes and river limnology

**Geology**

**Research areas**

- Applied mineralogy
- Clays and industrial minerals
- Coal geology
- Coastal and estuarine geology
- Environmental geology

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**Medicine: research programs**

- **Master of Science by Research**
  - Anatomy (2010)
  - Community Medicine (2010)
  - Medicine (Healy) (2011)
  - Medicine (Prince of Wales Clinical School) (2012)
  - Medicine (South Western Sydney Clinical School) (2012)
  - Medicine (St George and Sutherland Clinical School) (2012)
  - Surgery (South Western Sydney Clinical School) (2012)
  - Surgery (St George and Sutherland Clinical School) (2012)
  - Surgery (St Vincent’s) (2012)
  - Pathology (2012)
  - Psychiatry (2012)
  - Rural Health (2012)

  **Faculty**
  - Medicine

  **Estimated first year tuition**
  - A$39,120

  **Program Duration**
  - 1.5 to 2 years

  **Entry**
  - February and July

**Master of Surgery by Research**

- Surgery (Prince of Wales Clinical School) (2010)
- Surgery (South Western Sydney Clinical School) (2010)
- Surgery (St George and Sutherland Clinical School) (2012)
- Surgery (St Vincent’s Clinical School) (2012)

  **Faculty**
  - Medicine

  **Estimated first year tuition**
  - A$39,120

  **Program Duration**
  - 1.5 to 2 years

  **Entry**
  - February and July

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**Doctor of Philosophy**

- Anatomy (1750)
- Anatomy Institute (1774)
- Medicine (Prince of Wales Clinical School) (1770)
- Medicine (South Western Sydney Clinical School) (1771)
- Obstetrics and Gynaecology (1810)
- Surgery (Prince of Wales Clinical School) (1812)
- Surgery (St George and Sutherland Clinical School) (1813)
- Pathology (1817)
- Surgery (St George and Sutherland Clinical School) (1818)
- Surgery (St Vincent’s Clinical School) (1822)
- Pathology (1825)
- Psychiatry (1826)
- Rural Health (2012)

  **Faculty**
  - Medicine

  **Estimated first year tuition**
  - A$39,120

  **Program Duration**
  - 3 to 4 years

  **Entry**
  - February and July

**Doctor of Philosophy**

- Public Health and Community Medicine

  **Program code 1835**

  **Faculty**
  - Medicine

  **Estimated first year tuition**
  - A$39,120

  **Program Duration**
  - 3 to 4 years

  **Entry**
  - February and July
Chemistry

Dr Alex Donald
w.donald@unsw.edu.au

Research Areas
Bioactive Molecules
- Design and understanding of bioactive molecules
- Heterocyclic chemistry for therapeutic compounds
- Exploration of DNA-drug interactions supplements
- Mode of action of antifibrosis proteins

Chemical and Biological Catalysis
- Homogeneous catalysts for efficient and selective synthesis; efficient routes to pharmacueticals, nitrogen fixation and carbon sequestration
- Structure and dynamics in catalysis using nuclear magnetic resonance spectroscopy, X-ray crystallography and modeling

Functional Materials
- Designer surfaces leading to super hydrophobic surfaces, biosensors, optoelectronic devices, organic electronics, biomaterials
- Nanostructured materials for catalysis, gas adsorption and molecular sieves

Mathematics and Statistics
Associate Professor Dr Thanh Tran
thanh tran@unsw.edu.au

Research areas
- Applied Mathematics: biomathematics; computational mathematics; fluid dynamics, oceanic and atmospheric sciences; nonlinear phenomena; optimisation
- Pure Mathematics: algebra and representation theory; algebraic and matrical geometry; discrete mathematics; functional analysis; harmonic analysis; and mathematical physics
- Statistics: bayesian statistics and Monte Carlo methods; bioinformatics and computational biology; stochastic processes and financial analysis; space and time series modelling; and statistical machine learning
- Interdisciplinary Research: Centre for Energy and Environmental Markets; mathematics and statistics in biosciences

Optometry and Vision Science
Dr Blanka Golebiowski
b.golebiowski@unsw.edu.au

Research Areas
- Anterior segment and contact lenses: Mechanisms and treatment of dry eye; contact lens design and material technology; ocular homeostasis, inflammation, infection and the effect of contact lenses on the defence systems of the eye; epidemiology of contact lens-related infection; orthokeratology; biomarkers in ocular surface and other diseases
- Glaucoma and posterior segment: Conoal and ocular biodynamics in glaucoma; role of the immune system in posterior segment disease; biomarkers in ocular surface and other diseases; neuroscience cellular structure function in health and disease; ocular melanoma
- Optics: Applied vision research, applications of holography in vision

Functional Materials
- Designer surfaces leading to super hydrophobic surfaces, biosensors, optoelectronic devices, organic electronics, biomaterials
- Nanostructured materials for catalysis, gas adsorption and molecular sieves

Materials Science and Engineering
Dr John Daniels
d.jan.daniels@unsw.edu.au, materials.unsw.edu.au

Research areas
- Biomaterials
  - Ceramics in sustainable development
  - Composites
  - Electronic and superconducting ceramics
  - Fracture, failure and wear
  - High temperature materials
  - Iron, steel and alloy processes
  - Nanotechnology
  - Nanomaterials hydrogen storage group
  - Particle science and technology
  - Photocatalytic materials and physical metallurgy
  - Polymers
  - Property optimisation by texture control
  - Pyrometallurgical processes
- Sustainable processing of materials

Physics
Professor Michael Ashley
m.ashley@unsw.edu.au

Research areas
- Astronomy and astrophysics
- Astrobiology
- Astronomy from Antarctica
- Atomic electronics
- Atomic theory
- Atomic and nuclear clocks
- Biophysics
- Biophotonics and optical sensors
- Brown dwarfs and free-floating planets
- Condensed matter physics
- Electronic devices based on semiconductor nanowires
- Extravasional planetary science
- High speed quantum devices
- High temperature superconductivity
- Isotope shifts - quantum electrodynamics
- Optics: Applied vision research, applications of the immune system in posterior segment and ocular biomechanics in glaucoma; role of the immune system in posterior segment disease; biomarkers in ocular surface and other diseases; neuroscience cellular structure function in health and disease; ocular melanoma
- Optics: Applied vision research, applications of holography in vision
- Public Health Optometry: Eye care delivery, development of reflective error, access to eye care services in New South Wales, occupational optometry
- Vision Science: Development of the visual system, visual function in disease, low vision and visual rehabilitation, visual processing, visual perception in sport, visual psychophysics (form and motion in the visual scene)

Psychology
Dr Lenny Vartanian
l.vartanian@unsw.edu.au

Research areas
- Associative learning
- Behavioural neuroscience
- Cognitive psychology
- Developmental psychology
- Forensic psychology
- Health psychology
- Language
- Neuropsychology
- Organisational psychology
- Perception
- Psychological treatments
- Psychophysiology
- Social psychology

Research programs

Doctor of Philosophy (Research)

Entry requirements
- Recognised Bachelor degree in the relevant discipline or a qualification considered equivalent from another university or tertiary institution usually at Honours level 2/1 or equivalent.
- Eligible students must also meet the specific English language proficiency requirements: overall 6.5, reading/writing 6.0, speaking/listening 6.5.
- A recognised Master by Research degree or equivalent postgraduate qualification that includes a substantial research component written up as an academic thesis, awarded at or above distinction level or equivalent. OR
- In exceptional circumstances, sufficient evidence of research experience that clearly demonstrates exceptional research skills and the ability to undertake the proposed research program.
- Eligible students must also meet the specific English language proficiency requirements: overall 6.5 (minimum 6.0 in each subtest), reading/writing 6.0, speaking/listening 6.5.

Master of Philosophy (Research)

Entry requirements
- Recognised Bachelor degree in the relevant discipline or a qualification considered equivalent from another university or tertiary institution usually at Honours level 2/1 or equivalent.
- Eligible students must also meet the specific English language proficiency requirements: overall 6.5, reading/writing 6.0, speaking/listening 6.5.

Doctor of Philosophy / Master of Psychology

Entry requirements
- Completion of an Honours Class 1 degree in Psychology from UNSW or from a recognised APAC university, and the availability of adequate supervision and management; satisfactory performance techniques (includes inter-faculty collaborations)
- Nanophotonics
- Nuclear theory
- Optoelectronics
- Planetary atmospheres
- Quantum computing
- Quantum properties of black holes
- Semiconductor nanomaterials
- Semiconductor nanowires
- Silicon quantum electronics
- Star formation and the interstellar medium
- Strongly correlated electron system
- Structure of biological macromolecules, especially proteins
- Superconducting devices and quantum nanoscience
- Tests of grand unification theories
- Theoretical physics
- Violating constants (cosmology)
- Violation of the fundamental symmetries
- Vocal acoustics: speech and singing
- Violation of the fundamental symmetries
- Weak and strong interactions

Entry requirements
- One of the following qualifications:
  - A recognised undergraduate degree with Honours 2/1 or equivalent (for example at UNSW, this is graded as distinction level or 75%+), OR
  - A recognised Master by Research degree or equivalent postgraduate qualification that includes a substantial research component written up as an academic thesis, awarded at or above distinction level or equivalent. OR
  - In exceptional circumstances, sufficient evidence of research experience that clearly demonstrates sufficient evidence of research experience that clearly demonstrates substantial research component written up as an academic thesis, awarded at or above distinction level or equivalent. OR
  - A recognised Master by Research degree or equivalent postgraduate qualification that includes a substantial research component written up as an academic thesis, awarded at or above distinction level or equivalent. OR
  - In exceptional circumstances, sufficient evidence of research experience that clearly demonstrates exceptional research skills and the ability to undertake the proposed research program.
- Eligible students must also meet the specific English language proficiency requirements: overall 6.5 (minimum 6.0 in each subtest), reading/writing 6.0, speaking/listening 6.5.

Entry requirements
- Completion of an Honours Class 1 degree in Psychology from UNSW or from a recognised APAC university, and the availability of adequate supervision and management; satisfactory performance techniques (includes inter-faculty collaborations)
- Nanophotonics
- Nuclear theory
- Optoelectronics
- Planetary atmospheres
- Quantum computing
- Quantum properties of black holes
- Semiconductor nanomaterials
- Semiconductor nanowires
- Silicon quantum electronics
- Star formation and the interstellar medium
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Entry requirements
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- Nuclear theory
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- Planetary atmospheres
- Quantum computing
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- Eligible students must also meet the specific English language proficiency requirements: overall 6.5 (minimum 6.0 in each subtest), reading/writing 6.0, speaking/listening 6.5.
UNSW Canberra
Research areas

School of Humanities and Social Sciences
Associate Professor Craig Stockings
Research programs
• Governance, change and complexity
• Managing operations, knowledge and innovation
• Choice modelling and choice experiments
• Management of performance enhancement
• Logistics

School of Engineering and Information Technology
Associate Professor Matt Garratt
The School’s diverse research interests span the base disciplines of aeronautical engineering, civil engineering, electrical engineering, mechanical engineering, computer science and information technology. The School has established research strengths in a wide variety of application areas.

Research areas
• Air-trafic management
• Acoustics and vibration
• Autonomous vehicles
• Composite materials and structures
• Control theory
• Cyber security
• Complex imaging
• Design, decision and optimisation
• Fluid mechanics (including microfluidics)
• Geotechnical engineering
• Impact and dynamics
• Information and communication technologies
• Optimisation and design
• People and technology
• Quantum and opto-electronics engineering
• Space engineering
• Underwater communications
• Unmanned aerial vehicles

School of Physical, Environmental and Mathematical Sciences
Dr Scott Sharpe
The School of Physical, Environmental and Mathematical Sciences encompasses the disciplines of chemistry, geography, mathematics and statistics, oceanography and physics.

Research areas
• Applied and industrial mathematics
• Astrophysics
• Coastal catchment science
• Functional materials
• Molecular design
• Biological chemistry
• Chemical physics and physical chemistry
• Environmental systems
• Geophysical information science
• Physical oceanography

Entry requirements
Bachelor degree in a related area from UNSW, at a level specified by the Faculty or School, or equivalent qualification from a recognised university or tertiary institution.

Entry requirements
Recognised Master degree (including a substantial research component) or a recognised four-year Bachelor degree (with a substantial research component) with first or upper second class honours.

Research programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Faculty</th>
<th>Estimated first year tuition</th>
<th>Program Duration</th>
<th>Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Arts by Research</td>
<td>UNSW Canberra</td>
<td>$29,520</td>
<td>2 years</td>
<td>February and July</td>
</tr>
<tr>
<td>Master of Engineering by Research</td>
<td>UNSW Canberra</td>
<td>$29,520</td>
<td>2 years</td>
<td>February and July</td>
</tr>
<tr>
<td>Doctor of Philosophy</td>
<td>UNSW Canberra</td>
<td>$29,520</td>
<td>3 to 4 years</td>
<td>February and July</td>
</tr>
<tr>
<td>Doctor of Science by Research</td>
<td>UNSW Canberra</td>
<td>$29,520</td>
<td>2 years</td>
<td>February and July</td>
</tr>
<tr>
<td>Doctor of Information Technology</td>
<td>UNSW Canberra</td>
<td>$29,520</td>
<td>3 to 4 years</td>
<td>February and July</td>
</tr>
</tbody>
</table>

Entry requirements
Recognised Master degree (including a substantial research component) or a recognised four-year Bachelor degree (with a substantial research component) with first or upper second class honours.

Entry requirements
Recognised Master degree (including a substantial research component) or a recognised four-year Bachelor degree (with a substantial research component) with first or upper second class honours.

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Entry requirements
Recognised Master degree (including a substantial research component) or a recognised four-year Bachelor degree (with a substantial research component) with first or upper second class honours.
How to apply – postgraduate research

A single application can be made for both admission and main scholarship rounds

1 Check the program entry requirements and find a research area

There are different entry requirements depending on the type of research program you choose to apply for and you will need to meet the minimum eligibility requirements.

- For Doctor of Philosophy (PhD), please visit: research.unsw.edu.au/doctor-philosophy
- For Masters by Research (MRes), please visit: research.unsw.edu.au/master-research
- For Master of Philosophy (MPhil), please visit: research.unsw.edu.au/master-philosophy

UNSW Scholarships are only available to applicants who hold a four year bachelor degree with Honours Class 1 from an Australian institution, or an equivalent research qualification/ experience. This qualification must be in a field relevant to your area of research.

2 Find a supervisor and develop a research proposal

To search for a supervisor, visit research.unsw.edu.au/researcher.

You can use the search function here to look for research topics you are interested in, and see who is working in those fields (keep your search terms broad to start with). You can also search your area of interest on the main UNSW website.

Before submitting an application, most Faculties and Schools will require you to independently contact a UNSW researcher and secure their agreement to supervise. Please check your relevant Faculty or School website to determine whether this is required.

Once you have found a supervisor that you want to work with, it is important that you meet, Skype and/or email them before submitting an application. Proof of correspondence with a potential supervisor is required for your application. This proof can be a copy of the email correspondence you have had and must include the researcher’s agreement to supervise you.

3 Prepare supporting documentation

Required documents may include: your supervisor’s agreement, research proposal, résumé, transcripts, English language test results and referees’ reports if you are applying for a scholarship. It is important to prepare your documents before starting the application. All documents must be in English or include a certified English translation.

4 Submit your application for admission and scholarship online

To do this, visit: apply.unsw.edu.au

Once you have secured a supervisor, developed a research proposal, and prepared your supporting documents, you are ready to lodge your application. You will be given the opportunity to apply for a scholarship during the online application process. Supporting documents should be uploaded during the online application process.

Application closing dates differ depending on your relevant faculty and whether you are applying for a scholarship – it is important that you check the relevant closing dates as listed at research.unsw.edu.au/how-apply-enrol-research-degree.

For scholarship applications, students are required to have their referees independently complete and email the referee report to international.grs@unsw.edu.au.

5 Track your application

Once you have submitted your application, you will be able to track its status online at apply.unsw.edu.au/apply/onlineAppTrackInfo.html

You will also be able to upload any additional documents required to process your application.

6 Accept your offer

If your application is successful you will be sent a full or conditional offer. Please ensure you read your offer letter carefully before accepting an offer. Scholarship results will be released separately. To accept your offer, visit: my.unsw.edu.au

7 Enrol

You will need to collect, complete and get your enrolment form approved by your School Office. Be sure to check your enrolment is correct and that you are enrolled at the start of every semester.

UNSW research program scholarships

Some of our scholarships for postgraduate research programs include:

- International Postgraduate Research Scholarship (IPRS)
  - Funding PhD or Master by Research students across all disciplines, these scholarships cover tuition fees and health insurance for successful applications and their dependants.

- University International Postgraduate Awards (UIPA)
  - Based on outstanding academic merit and research potential, these awards provide successful applicants undertaking a PhD or Master by Research with a tax-exempt living allowance and covers tuition fees.

- Tuition Fee Scholarship (TFS) plus a supervisor/school or faculty funded research stipend
  - Available to students undertaking a PhD, Master by Research or Master of Philosophy, these scholarships provide successful applicants with a living allowance stipend in addition to covering tuition fees.

What other kinds of scholarships are available?

There are many scholarships available that are offered by organisations other than UNSW, including the Australian government, industry partners, and organisations in your home country. Some of these scholarships include:

- Australia Awards Scholarships
  - www.australiaawards.gov.au

- Home Country Scholarship
  - research.unsw.edu.au/other-funding-opportunities

Research Applications
Graduate Research School
T: +61 2 9385 5500
E: international.grs@unsw.edu.au

UNSW Canberra Applications
T: +61 2 6268 6006
F: +61 2 6268 8666
E: rsu@adfa.edu.au

F: +61 2 6268 8666
Modern campus in desirable Sydney

**UNSW campuses**

**Kensington campus**
Our main campus is located in Kensington in Sydney’s south-eastern suburbs, just 6 kilometres from the CBD.

**UNSW Art and Design**
Known as our creative campus, Art and Design is located in Paddington, and is proudly Australia’s largest community of art and design practitioners, researchers, educators and students.

**UNSW Canberra**
Located three hours from Sydney in a bushland setting in Australia’s capital city of Canberra, this campus is dedicated to higher degree students and military training for the Australian Defence Force.

**Around us**
- **Sydney City CBD**
  - 5 minutes by foot
- **Bondi Beach**
  - 16 minutes by car
- **Central Station**
  - 15-20 minutes by bus
- **Sydney International Airport**
  - 15 minutes by car

UNSW campuses

Modern campus in desirable Sydney

Airport

Bondi

Coogee

Sydney City CBD
- 5 minutes by foot

Bondi Beach
- 16 minutes by car

Central Station
- 15-20 minutes by bus

Sydney International Airport
- 15 minutes by car
Sydney – one of the world’s best cities

Australia’s largest city and business capital, Sydney is known for its ideal climate, relaxed outdoor lifestyle and friendly locals.

Located on the south-east coast of Australia, Sydney is surrounded by beaches and its energetic central business district is positioned on breathtaking Sydney Harbour, meaning a water view is never far away. Sydney was crowned the Australian city with the best living standards and ranked among the top 10 best cities in the world*, making it the number one choice for international students.

*Mercer Quality of Living Survey 2015

The corporate capital of Australia

The business and intellectual capital of Australia, Sydney is home to more global firms than any other Australian city. Ideally positioned as the gateway to the Asia Pacific, Sydney is consistently voted as one of the most desirable places to live and work in the world. Sydney is where great minds do business.
Endless adventures
Sydney offers a myriad of affordable indoor and outdoor activities. Set off on a beautiful coastal walk, enjoy an Aussie barbeque in a leafy parkland, or ask a local for tips on breathtaking swimming, snorkeling and surfing spots. Sydney is also an ideal base to explore the rest of Australia – it’s easy to hop on a train to the Blue Mountains or fly to Melbourne, the Gold Coast and beyond.

Culture and creativity
For something cultural, visit historic museums, contemporary and traditional art galleries, and experience our world-renowned art, music and ideas festivals. Sydney is a fun and inspiring city to explore and study in.

Food and shopping
Sydney is famous for its vibrant food scene and café culture. With thousands of restaurants, cafés and bars, the diversity of cuisine and fresh food is outstanding. Sydney also boasts excellent shopping. From local fashion boutiques and weekend markets to large shopping centres, there is something for everyone.

Sydney’s climate
Summer runs from December to February, autumn (fall) from March to May, winter from June to August, and spring from September to November. Generally, Sydney boasts a comfortable temperate climate. The hottest months are January and February, while Sydney’s winters are mild.

Getting around
The easiest way to travel to and from UNSW is by modern public buses and trains. In some areas, Sydney is also serviced by ferries and trams. Sydney is an easy city to explore by foot.

For more information, visit: international.unsw.edu.au/living-sydney/unsw-sydney.
Support services and student life

Our students tell us we are one of the friendliest universities in Australia—UNSW is a place where you’ll feel at home. We have modern facilities, societies and social clubs, and an extensive range of dedicated support services you can rely on.

Arrival support
From picking you up from the airport, running new arrival workshops and taking you on campus tours, we make sure you feel orientated, safe and well connected. Our dedicated Welcome Centre will be available to help you find all the information you need to settle in.

International student advisers
Make an appointment for personalised advice and information about life at UNSW.

Student Development International
Student Development International offers activities and programs to help international students adapt to life in Australia. These activities include day trips and short holidays and community exchange programs.

Cultural mentors
You can choose to be matched with cultural mentor, a senior UNSW student of your own cultural background. Cultural mentors have been trained to help answer any questions about learning at UNSW, living in Sydney and local Australian culture and customs.

Peer mentors
Once you have arrived, get matched with a peer mentor, an experienced student who can give you insights about your faculty and tips on how to adjust to student life at university.
Academic support for research students
From workshops and short courses to meet-ups and individual consultations, we have a wide range of options to help you improve your skills in research management, thesis writing and public speaking.

Looking after your wellbeing
Through our Counselling and Psychological Services (CAPS), you’ll have the opportunity to talk to a professional counsellor who may be able to assist or help you resolve or manage your situation.

Language and conversation skills
Improve your English language skills by taking up one of the many programs, workshops, weekly conversation classes or discussion groups available. We also offer one of Australia’s leading and most popular language exchange programs. Get matched with other people who speak a language you would like to learn and, in return, teach them a language that you speak.

Religious facilities
Our interfaith religious centre is provided for all UNSW students. Chaplains conduct worship services, lead Bible Studies, hold prayer meetings and offer spiritual counselling. The Islamic Society has an Imam in attendance with meeting and prayer rooms available.

Study areas
Work on your assignments at one of our many indoor computer labs or outdoor study areas, complete with power outlets to charge all your devices. Stay connected to your friends and family with free Wi-Fi throughout the campus.

Clubs and societies
Joining a club or society is the best way to make new friends. Choose from over 250 student-led clubs and social societies across a range of interests for food lovers, Islamic awareness, running, electrical engineering and telecommunications, biology conservation, the Indonesian community and more.

Student association
Arc is our student association – it’s run by students for our students. Joining Arc is a great way to get involved. You’ll find out about parties and events, and get discounts from partner organisations, free legal advice and assistance with finding a part-time job.

Staying safe
Your time at UNSW will be a fulfilling and enjoyable experience in a safe and friendly environment. Our security service provides a 24-hour comprehensive presence across the campus.

Under 18 support
There are specific visa and arrival requirements for students under the age of 18. We recommend that you check these carefully before you apply.

Find out more about student support and student life
guidebooks.international.unsw.edu.au/student-support

SCAN WITH QR READER OR LAYAR APP
Accommodation

Living and studying at UNSW is an unforgettable experience, a time when you’ll meet people from all over the world and make lifelong friends. Live within walking distance of your lecture halls, in Sydney’s charming eastern suburbs, or find a home located minutes from the beach.

There are a number of accommodation options ranging from on- and off-campus University housing to private rental properties and homestays.

Temporary accommodation
If you require temporary accommodation when you first arrive, try to organise it before you leave home. This can include private hotels, motels, hostels, lodges or furnished apartments ranging from A$45 to A$300 per day.

International Student Housing Assistance (ISHA)
If you need assistance looking for temporary or private accommodation, or if University accommodation isn’t available when you apply, Student Development International (SDI) may be able to help: student.unsw.edu.au/housing-assistance.

Be prepared for your arrival
Living in Sydney will be an exciting change, and if you don’t have a confirmed place on campus, we recommend you arrive three to four weeks before classes start to allow enough time to look for accommodation, settle in and attend orientation sessions.

Award-winning accommodation
Our redeveloped and award-winning on-campus accommodation at UNSW Residential Communities means we are now the largest provider of student housing in Sydney. We have six residential colleges, seven self-catered apartment buildings and multiple affiliated communities. Each UNSW College and apartment has its own unique culture and identity to help you become part of a community. For more information, visit: rc.unsw.edu.au

<table>
<thead>
<tr>
<th>Colleges</th>
<th>Configuration</th>
<th>Catering</th>
<th>Internet</th>
<th>Private bathroom (ensuite)</th>
<th>Weekly rate (2015)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Kensington Colleges: Basser, Philip Baxter and Goldstein</td>
<td>Single rooms</td>
<td>Fully catered – 21 meals per week</td>
<td>W-Fi</td>
<td>Ensuite in some rooms, shared ensuite for others</td>
<td>$463 (shared bathroom), $509 (ensuite room)</td>
</tr>
<tr>
<td>Fig Tree Hall</td>
<td>Single rooms</td>
<td>Fully catered – 21 meals per week</td>
<td>W-Fi</td>
<td>Yes</td>
<td>$509 (ensuite room)</td>
</tr>
<tr>
<td>UNSW Hall</td>
<td>Single rooms</td>
<td>Part catered – breakfast and dinner</td>
<td>W-Fi</td>
<td>No – shared unisex</td>
<td>$329 (shared bathroom)</td>
</tr>
<tr>
<td>Colombo House</td>
<td>Single rooms</td>
<td>Self catered</td>
<td>Wi-Fi</td>
<td>Yes</td>
<td>$367 (ensuite room)</td>
</tr>
<tr>
<td>Creston College</td>
<td>Single rooms</td>
<td>Fully catered – 21 meals per week</td>
<td>W-Fi</td>
<td>Private ensuite bathroom in some rooms, shared bathrooms for others</td>
<td>$370 (shared bathroom), $460 (ensuite room)</td>
</tr>
<tr>
<td>International House</td>
<td>Single rooms</td>
<td>Fully catered – 21 meals per week</td>
<td>W-Fi</td>
<td>Yes</td>
<td>$280 (ensuite room)</td>
</tr>
<tr>
<td>New College</td>
<td>Single rooms</td>
<td>Fully catered – 21 meals per week</td>
<td>W-Fi and wired</td>
<td>Private ensuite bathroom in some rooms, shared single sex bathrooms for others</td>
<td>$448 (shared bathroom), $504 (ensuite room)</td>
</tr>
<tr>
<td>Shalom College</td>
<td>Single rooms</td>
<td>Fully catered – 19 meals per week</td>
<td>W-Fi</td>
<td>Ensuite rooms and rooms with shared single sex bathrooms available</td>
<td>$429 (shared bathroom), $499 (ensuite room)</td>
</tr>
<tr>
<td>Warrane College</td>
<td>Single rooms</td>
<td>Fully catered – 21 meals per week</td>
<td>W-Fi and wired</td>
<td>Shared bathrooms</td>
<td>$420 (shared bathroom)</td>
</tr>
</tbody>
</table>

(Accommodation costs are subject to change and are indicative only.)
Apartments

Apartments provide independent-style accommodation for undergraduates, postgraduates, couples and families with children. Apartments can come furnished with a kitchen and bathroom.

<table>
<thead>
<tr>
<th>Apartments</th>
<th>Configuration</th>
<th>Catering</th>
<th>Internet</th>
<th>Private bathroom (ensuite)</th>
<th>Weekly rate (2015)</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Terraces</td>
<td>Studio and 1 bedroom apartments</td>
<td>Self catered</td>
<td>Wi-Fi</td>
<td>Yes</td>
<td>$366 – $469 per apartment</td>
</tr>
<tr>
<td></td>
<td>Affordable student accommodation,</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>including ground floor cafes and bars — right</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>where the action is! Large communal kitchen and</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>lounge for students to socialise.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barker Apartments</td>
<td>2, 3 and 5 bedroom apartments</td>
<td>Self catered</td>
<td>Wired</td>
<td>No – shared unisex</td>
<td>$249 – $583 per student</td>
</tr>
<tr>
<td></td>
<td>On-campus, shared independent living. Smaller</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>apartments available for couples and families</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>with children.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mulwarree Apartments</td>
<td>5 bedroom apartments</td>
<td>Self catered</td>
<td>Wi-Fi</td>
<td>No – shared unisex</td>
<td>$223 per student</td>
</tr>
<tr>
<td></td>
<td>Located close to campus, shared independent</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>living.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>High Street Apartments</td>
<td>1 and 2 bedroom apartments</td>
<td>Self catered</td>
<td>Wi-Fi</td>
<td>No – shared unisex</td>
<td>$382 – $541 per apartment</td>
</tr>
<tr>
<td></td>
<td>Close to the university with a family</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>environment, preference given to couples and</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>families.</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>New College Village</td>
<td>Single room apartments and studios</td>
<td>Optional catering</td>
<td>Wi-Fi and wired</td>
<td>Yes</td>
<td>$358 per apartment</td>
</tr>
<tr>
<td></td>
<td>Quality, fully furnished, air conditioned</td>
<td></td>
<td></td>
<td></td>
<td>$394 per studio</td>
</tr>
<tr>
<td></td>
<td>secure accommodation for postgraduates and</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>selected undergraduates on lower campus.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UNSW Village</td>
<td>1 bedroom studios and 1 - 8 bedroom</td>
<td>Self catered</td>
<td>Wi-Fi and wired</td>
<td>Ensuite bathrooms in some</td>
<td>$264 – $425 per student</td>
</tr>
<tr>
<td></td>
<td>apartments</td>
<td></td>
<td></td>
<td>rooms, shared unisex</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A range of fully furnished, stylish and</td>
<td></td>
<td></td>
<td>bathrooms for others</td>
<td></td>
</tr>
<tr>
<td></td>
<td>contemporary apartments that are</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>conveniently located on campus.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UniLodge @ UNSW</td>
<td>Studio and 2 - 5 bedroom apartments</td>
<td>Self catered</td>
<td>Wi-Fi and wired</td>
<td>Ensuite bathrooms in some</td>
<td>$389 – $480 per student</td>
</tr>
<tr>
<td></td>
<td>Located only ten minutes from UNSW Kensington</td>
<td></td>
<td></td>
<td>rooms, shared bathrooms</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Campus, with a choice of fully furnished studio</td>
<td></td>
<td></td>
<td>for others</td>
<td></td>
</tr>
<tr>
<td></td>
<td>and shared serviced apartments with 24-hour</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>security and a live-in manager.</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

(Accommodation costs are subject to change and are indicative only.)

Private accommodation options

From apartments to rooms in houses, private accommodation options give students the chance to experience an independent lifestyle, with complete control over expenses, housemates and location.

Rental property

There are lots of properties available for rent in the suburbs surrounding the University. Costs vary according to the number of bedrooms, condition and location. When renting, you can expect to sign a 6 or 12-month lease and pay rent in advance, plus a security deposit called a ‘bond’. Rental properties can come furnished and unfurnished and additional expenses like electricity, gas, telephone and Wi-Fi are not included. Costs vary, but usually range from A$150 – A$300 per student per week in a shared house.

Homestay - Full board and room-only

Homestay options include full board and single room-only accommodation. Full board usually includes a furnished room, use of facilities in the private home of a family or single person plus breakfast and dinner, and some may also include bed linen, a laundry service and weekly room cleaning. Single room-only homestays include a furnished room, gas and electricity expenses, and you’ll be responsible for providing your own food, cooking, cleaning, laundry and telephone costs. Costs vary, but usually range from A$180 – A$305 per student per week.

For more information, view our online database of private accommodation: studystays.unsw.edu.au

Costs will vary depending on the number of rooms, condition and location. For more information or visit housing.unsw.edu.au
Entry requirements

To gain entry to UNSW, you’ll need to successfully meet both the academic entry requirements and the English language requirements.

Academic entry requirements

To find out the academic entry requirements for your chosen degree, please refer to the relevant coursework program entry in this guide.

Alternatively, the UNSW Admissions Office can help you find out the specific academic entry requirements needed, please contact: enquiry.unsw.edu.au

Term Dates

<table>
<thead>
<tr>
<th>Term Dates</th>
<th>2015 Dates</th>
<th>2016 Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term 1</td>
<td>5 Jan – 6 Feb</td>
<td>4 Jan – 5 Feb</td>
</tr>
<tr>
<td>Term 2</td>
<td>9 Feb – 13 Mar</td>
<td>8 Feb – 11 Mar</td>
</tr>
<tr>
<td>Term 3</td>
<td>16 Mar – 17 Apr</td>
<td>14 Mar – 15 Apr</td>
</tr>
<tr>
<td>Term 4</td>
<td>20 Apr – 22 May</td>
<td>18 Apr – 20 May</td>
</tr>
<tr>
<td>Term 5</td>
<td>25 May – 26 Jun</td>
<td>23 May – 24 Jun</td>
</tr>
<tr>
<td>Term 6</td>
<td>29 Jun – 31 Jul</td>
<td>27 Jun – 29 Jul</td>
</tr>
<tr>
<td>Term 7</td>
<td>3 Aug – 4 Sept</td>
<td>1 Aug – 2 Sept</td>
</tr>
<tr>
<td>Term 8</td>
<td>7 Sept – 9 Oct</td>
<td>5 Sept – 7 Oct</td>
</tr>
<tr>
<td>Term 9</td>
<td>12 Oct – 13 Nov</td>
<td>10 Oct – 11 Nov</td>
</tr>
<tr>
<td>Term 10</td>
<td>16 Nov – 18 Dec</td>
<td>14 Nov – 16 Dec</td>
</tr>
</tbody>
</table>

You can find an application form for UNSW Institute of Languages on page 160 of this guide.

Evidence of English Language ability

If English isn’t your first language, you must provide evidence that your English language ability meets our requirements. This means that you must submit results from an acceptable English language test taken in the last two years prior to starting study at UNSW. See our English language requirements policy: unsw.edu.au/elp

International English language testing system (IELTS) - Academic

Overall minimum score of 6.5 with a minimum score of 6.0 in the sub-tests of listening, reading, speaking and writing is required. www.ielts.org

Test of English as a foreign language (TOEFL)

Internet-based test: overall minimum score of 90 with a minimum in writing of 24. Paper-based test: overall minimum score of 577 with a minimum score of 5.0 in the Test of Written English. www.ets.org/toefl

University English Entry Course (UEEC)

Intensive English language course conducted at UNSW Institute of Languages. Minimum accepted score: C+ (grade point 7.0) with a minimum of 20 in the writing component. Some UNSW programs require a higher grade. languages.unsw.edu.au/courses/academic-english/the-university-english-entry-course

Pearson Test of English Academic

Overall minimum score of 68. Other qualifications and other English tests UNSW also accepts a number of academic qualifications and other English tests as meeting the English language requirements.

For information about these qualifications and the full English language requirement policy visit: unsw.edu.au/elp

University English Entry Course (UEEC)

This intensive English course may help you get into your UNSW degree sooner. On successful completion of UEEC, you will be accepted into the relevant UNSW degree without having to retake an IELTS or similar exam. Course material is based on UNSW resources and enhanced through the use of online learning and teaching activities.

Minimum accepted score: C+ with a minimum of 20 in the writing component. Some UNSW programs require a higher grade. languages.unsw.edu.au/courses/academic-english/the-university-english-entry-course

Tertiary Orientation Program

If you already meet the English language entry requirements for UNSW but need to gain confidence or improve your English skills for an academic environment, you may want to take this intensive five-week course before starting your UNSW degree. It will also give you the chance to settle into Sydney, familiarise with the local accent and meet fellow students. languages.unsw.edu.au/courses/academic-english/tertiaryorientation-program
Tuition fees and other expenses

Just as each degree is different, so are the costs. This guide will help give you an idea of what your fees could be.

Tuition fees for postgraduate coursework programs

*Indicative fee only.

<table>
<thead>
<tr>
<th>Faculty</th>
<th>2015 (A$/UOC)</th>
<th>2016 (A$/UOC)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts and Social Sciences</td>
<td>$590</td>
<td>$625</td>
</tr>
<tr>
<td>Business School</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MBA (8350)</td>
<td>$795</td>
<td>$845</td>
</tr>
<tr>
<td>Master of Architecture (8143)</td>
<td>$645</td>
<td>$685</td>
</tr>
<tr>
<td>Science</td>
<td>$615</td>
<td>$650</td>
</tr>
<tr>
<td>Built Environment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All coursework programs</td>
<td>$720</td>
<td>$765</td>
</tr>
<tr>
<td>Art &amp; Design</td>
<td>$595</td>
<td>$630</td>
</tr>
<tr>
<td>Engineering</td>
<td>$770</td>
<td>$815</td>
</tr>
<tr>
<td>Law</td>
<td>$775</td>
<td>$820</td>
</tr>
<tr>
<td>Juris Doctor (9150)</td>
<td>$800</td>
<td>$850</td>
</tr>
<tr>
<td>Medicine</td>
<td>$815</td>
<td>$865</td>
</tr>
<tr>
<td>Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All coursework programs</td>
<td>$735</td>
<td>$780</td>
</tr>
<tr>
<td>Aviation programs (8738, 5678, 7448)</td>
<td>$680</td>
<td>$700</td>
</tr>
<tr>
<td>UNSW Canberra</td>
<td>$640</td>
<td>$680</td>
</tr>
<tr>
<td>Nura Gili</td>
<td>$590</td>
<td>$625</td>
</tr>
</tbody>
</table>

Because each student’s study choices are different, it’s impossible to provide a definitive cost of studying at UNSW. But here are a few things to consider when calculating your expected fees.

**Fees are course-based**
Fees for international students are set according to the course (subject) and not the program. The fees reflect the relative cost of delivering the course. For example, a science course is likely to cost more than an arts course. For that reason, your total tuition fees will vary depending on which courses you choose.

**Fees vary each year**
Fees for programs fluctuate from year to year. The tuition fees listed above are for students in 2015. The fees listed for 2016 are indicative only; these fees may change during the program.

**Coursework program fees**
A coursework Masters program will require 48 units of credit (UOC) per year, a Graduate Diploma will require 36 or 48 UOC per year, while a Graduate Certificate requires 18 or 24 UOC per semester. Most courses (subjects) are 6 UOC.

A typical postgraduate program will include courses from within the faculty offering the degree. However, if you do choose courses from outside your faculty, they will be charged at the rate set by that faculty. As an example, the course “Environmental Impact Assessment” will be calculated using the Faculty of Arts and Social Sciences rate, which is A$550 per UOC in 2015.

**Tuition fees for postgraduate research programs**

*Indicative fee only.

<table>
<thead>
<tr>
<th>Faculty</th>
<th>2015 (A$/UOC)</th>
<th>2016 (A$/UOC)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts and Social Sciences</td>
<td>$565</td>
<td>$600</td>
</tr>
<tr>
<td>Business School</td>
<td>$635</td>
<td>$675</td>
</tr>
<tr>
<td>Built Environment</td>
<td>$650</td>
<td>$690</td>
</tr>
<tr>
<td>Art &amp; Design</td>
<td>$590</td>
<td>$625</td>
</tr>
<tr>
<td>Engineering</td>
<td>$795</td>
<td>$845</td>
</tr>
<tr>
<td>Law</td>
<td>$700</td>
<td>$740</td>
</tr>
<tr>
<td>Medicine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Band 1: Master by Research and PhDs in Public Health</td>
<td>$635</td>
<td>$675</td>
</tr>
<tr>
<td>Band 2: All other disciplines in Medicine</td>
<td>$815</td>
<td>$865</td>
</tr>
<tr>
<td>Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UNSW Canberra</td>
<td>$785</td>
<td>$830</td>
</tr>
<tr>
<td>Nura Gili</td>
<td>$615</td>
<td>$650</td>
</tr>
</tbody>
</table>

**Research program fees**
The tuition fees listed for research programs are for a standard full-time year of study, which is 48 UOC per year or 24 UOC per semester.

Some research degrees combine coursework with research. In this case, your research tuition fee covers the cost of these courses and you are not required to pay an additional fee.

Graduate diplomas by research are not classified as research degrees and fees are calculated using the value of individual courses undertaken.

For more information about the UNSW fees policy, including refund of fees and overpayments, visit: my.unsw.edu.au/student/fees/TuitionFees.html

**Overseas student health cover**
If you are in Australia on a student visa you will need to pay for health insurance through the Overseas Student Health Cover (OSHC) scheme and maintain insurance for the full duration of your visa. All international students must be covered by health insurance from the date they arrive in Australia until the date they depart, regardless of when they start or complete their program. It is your responsibility to ensure your health insurance policy matches your arrival and departure dates.

The only exception is for students from Belgium, Norway and Sweden who are covered by CSN or Kammarkollegiet. These students will need to provide proof of official health insurance cover from their home government provider.

**US financial aid**
We’re authorised to help approved citizens of the United States extend their national student loans. If you are eligible for this support, the UNSW Financial Aid Office will be able to explain this to you.

For more information, visit: international.unsw.edu.au/study/financial

**Canadian student loans**
If you are from Canada, we can help you extend funding from your Canada or Provincial Student Loan to cover study programs here at UNSW. We can also assist with confirmation of enrolment forms after you have applied.

Medibank OSHC will pay benefits towards your medical and hospital treatment, medically necessary ambulance transport and most prescription medicines. Just be aware that there may be some exclusions for pre-existing conditions and you may have to serve a waiting period to receive certain services.

Certain services are not covered by Medibank’s policies. These include optical, physiotherapy, dental and certain pharmaceuticals. If you want to be covered for these expenses, you will need to take out additional insurance.

Living costs
Living costs vary depending on each student’s specific requirements. We estimate a single international student will need about A$20,000 per year to cover general living expenses. This doesn’t include the costs of large non-essential items like electrical equipment or a car.

In addition, you will need at least A$2,000 when you arrive in Sydney to cover initial expenses such as a rental bond payment (security deposit), electricity, gas and telephone connection fees and basic furniture and household items.

Living costs are not classified as research degrees and are not considered compulsory, but we recommend budgeting around A$1,000 per month.
Apply online data entry form

This form is to record your details at a recruitment event. Once completed, this form should be submitted to your agent within two weeks of the event. This is NOT an application form. Please do not send this form to UNSW. To apply, please go to apply.unsw.edu.au

1. Personal Details
   - If you have applied to UNSW before, what is your student ID:
   - Family name:
   - First given name:
   - Second given name:
   - Date of birth (dd/mm/yy):
   - Gender: M  F
   - Country of residency:
   - Country of citizenship:
   - Are you an Australian permanent resident? YES  NO
   - If yes, provide your visa number:
   - Email address (compulsory):
   - Home phone number:
   - Daytime phone number:
   - Mobile phone number:
   - Making address (This is the address the University will send all correspondence to):

2. Visa Details
   - What visa type will you hold during your studies? (e.g. student visa):
   - If you require a student visa, in which country will you be applying for the visa?
   - Which Australian Immigration Office will you be applying for the student visa? (e.g. Australian Embassy Berlin)
   - If you currently have a passport, what is the passport number?
   - Which Australian Immigration Office will you be applying for the student visa?
   - If you currently hold an Australian visa, what is the visa number (as it appears on your passport)? This information is required if you intend to submit your application for a student visa to a DIBP (immigration) office in Australia.

3. Program Preferences – you may nominate up to three coursework program choices.
   - Preferred year of study:
   - Preferred semester: Semester 1 (February)  Semester 2 (July)  Study mode: Full-time  Part-time
   - Program name: e.g. Master of Commerce
   - Program code: e.g. M004
   - Specialisation: e.g. Finance

4. Sponsorship
   - If your tuition fees will be paid by an organisation that has an established official sponsorship agreement with UNSW, please provide the details below.
   - If you are being sponsored, you must submit documentary proof of your sponsorship agreement to UNSW.
   - defence funding for UNSW Canberra students does not need to be recorded below.
   - If yes, my sponsor details are: (organisation, country)

5. English Language Proficiency – for further details please visit, unsw.edu.au/elp
   - English is my first language: YES  NO
   - D1: the language of instruction and assessment in my Degree or diploma (within the last 2 years) was English. Please note that these studies must have been for a minimum duration of one year full-time.
   - D2: I have been or will have been a resident in one or more English-speaking countries for a period of at least five years (immediately prior to the commencement of my program at UNSW).
   - D3: I hold a certificate of English proficiency from an approved test (e.g. IELTS or TOEFL) undertaken within the last two years.

This is NOT an application form. Please do NOT send this form to UNSW. To apply, please go to apply.unsw.edu.au
UNSW Institute of Languages
Application form

Before completing the application form, please visit: languages.unsw.edu.au or the current UNSW Institute of Languages booklet for the entry requirements. You can also apply through our new online application form.

We will endeavour to place you in your requested courses. If you do not meet the entry requirements, or there are no longer places available, where possible, we will offer you an alternative pathway best suited to your needs and chosen study plan.

1. Personal Details (as in passport)

Family Name: 
Given Name: 
Other Names (i.e. your English name, if any): 
Date of Birth: 
Gender: Male [ ] Female [ ]
Nationality: 
Country of Birth: 
Passport No.: 
Issue Date: / / (dd/mm/yyyy)
Expiry Date: / / (dd/mm/yyyy)

2. Emergency Contact Details

Family Name: 
Given Name: 
Relationship: 
Telephone: 
Email: 
Mobile: 

3. Citizenship

Are you a citizen of Australia? [ ] Yes [ ] No
Are you a temporary resident of Australia? [ ] Yes [ ] No
Are you a permanent resident of Australia? [ ] Yes [ ] No

*Please note: if you are under 18 years of age on commencement of study, certain visa regulations apply.

4. Correspondence Address

Address: 
City: 
State/Province: 
Country: 
Postcode: 
Email: 

5. English Programs

Academic English Pathways
- [ ] Academic English
- [ ] IELTS Test Preparation (ITP)
- [ ] Foundation English Entry Course (FEEC)
- [ ] University English Entry (UEEC)

General English
- [ ] General English (Beginner to Advanced)
- [ ] GE Cambridge Exam Preparation

Professional English
- [ ] English for Business Communication
- [ ] English for Law

Term and start date? Term: 
Start date: / / (dd/mm/yyyy)

How many weeks do you intend to study English? (minimum 5 weeks) number of weeks

6. Scholarships

Have you been granted a scholarship? [ ] Yes [ ] No
Scholarship’s Name or Sponsor’s Name: 

7. English Language Test Scores

If you have taken an IELTS or TOEFL, or other test, please give details and attach a copy of the test result if available.
Test must have been taken within 12 months of the enrolment date.

IELTS Score (Overall): 
IELTS Writing Score: 
IELTS Reading Score: 
IELTS Listening Score: 
TOEFL/IBT/PBT Score: 
Cambridge Score: 
PTE Score: 

This is NOT an application form. Please do NOT send this form to UNSW. To apply, please go to apply.unsw.edu.au

CRICOS PROVIDER CODE: 00098G

*Please note: only use this form if you are applying for undergraduate programs - if you are applying for postgraduate programs, you do not have to provide these details.
8. Do you have future study plans in Australia?

☐ No ☐ Yes, UNSW Foundation Studies ☐ Yes, UNSW ☐ Yes, other university

Level of course:

☐ Bachelor Degree (Undergraduate) ☐ Master Degree (Postgraduate) ☐ PhD (Doctorate)

Name of course:

Faculty

Do you have a Letter of Offer?

☐ No ☐ Yes, Package offer ☐ Yes, Conditional offer

Commencement date:

UNSW Student ID Number (if available)

9. Accommodation

Would you like to receive information about accommodation?

☐ UNSW Accommodation ☐ UNSW Foundation Studies Residential College, UniLodge@UNSW ☐ Home stay ☐ Other

Proposed Accommodation start date: / / Proposed length of stay ____________ weeks

10. Airport Pick-up A$150

Do you require airport pick-up?

☐ Yes ☐ No ☐ If yes, please complete the following:

Airport pick-up: $150. Please provide arrival details at least two weeks (14 days) prior to scheduled departure.

Arrival date:        Arrival time:        Airline / Flight number:

11. Overseas Students Health Cover (OSHC)

You must maintain OSHC for the proposed duration of your student visa. UNSW Institute of Languages can arrange visa-length cover with Medibank, our preferred provider of OSHC.

If yes, please arrange

☐ Single rate for myself OR ☐ Couple rate for myself and partner OR ☐ Family rate for myself and dependants

If you have a current OSHC policy number: ____________ and expiry date: ______________________

12. Agent Information

Agent Name    Branch Name

Contact Name    Agent Email

13. Additional Information

How did you hear about UNSW Institute of Languages?

14. Checklist

☐ Application Form filled out completely and correctly?

☐ Attached certified copies of all required documents?

☐ Listed your program preferences and commencement date?

☐ Signed the declaration on this form? If under 18 years of age, your parent/legal guardian must also sign.

Declaration

I certify that the information on the form is correct and complete in every detail, and I understand that inaccuracies or omissions may result in non-acceptance or cancellation of enrolment at any time. I have read and understood the Conditions of Enrolment and acknowledge that the personal information provided is covered under the Privacy Policy.

Signature of Student (as it appears in your passport): Date (dd/mm/yyyy) / /

Signature of Parent or Legal Guardian Date (dd/mm/yyyy) / /

Editorial note: UNSW on-line magazine, UNSW Institute of Languages, 2015. All costs and fees are provided in Australian Dollars (A$). Any legal action under Australia’s consumer protection laws. UNSW in providing education services to overseas students studying in Australia on a student visa. UNSW in providing education services to overseas students studying in Australia on a student visa. UNSW in providing education services to overseas students studying in Australia on a student visa. UNSW in providing education services to overseas students studying in Australia on a student visa. UNSW in providing education services to overseas students studying in Australia on a student visa.