



International Student Guide 2017

Undergraduate

Never Stand Still

RISE TO THE TOP

Australia's global university

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Your journey to success starts here

Welcome to UNSW Australia

A degree at UNSW is an experience second to none. We combine state-of-the-art facilities and teaching delivered by academics recognised as world leaders in their fields, with rigorous academic standards and a strong emphasis on preparing our students for future career success.

At 67 years of age, UNSW is no longer young in years but it remains young in spirit. We are committed to challenging traditional thinking, pushing boundaries, and giving researchers and students the opportunity to realise their potential. We take great pride in our students, both past and present, who make UNSW a truly great university.

Developed in 2015, the UNSW 2025 strategy sees UNSW working over the next decade to cement our position as 'Australia's Global University'. The strategy outlines our commitment to excellence in teaching and research, our passion for social engagement and our commitment to impacting the world.

UNSW has the potential to achieve great things in the course of the next decade and it is people, like you, who will make the difference.

We hope you choose our community and that your journey is a successful one.

Digital journey



See our pages come to life. Watch videos and explore more photos straight from your device by scanning the page with the Layar app where you see this symbol throughout the guide.



Or simply scan the QR code to visit the UNSW International website. international.unsw.edu.au

Why we are different

46th

IN THE WORLD

/ QS World University Rankings, 2015/16

22nd

in the world for employer reputation.

/ QS World University Rankings, 2015/16

42nd

in the world for academic reputation.

/ QS World University Rankings, 2015/16



FIVE STARS +

We were the first university in the world to be awarded the maximum QS Five Star Plus rating.

/ QS Stars University Ratings 2014/15

91.1%

INTERNATIONAL STUDENT SATISFACTION

International Student Barometer / ISB 2015



OFFERING 20 OF THE WORLD'S TOP 50 SUBJECTS

with Accounting & Finance and Law in the top 13.

/ QS World University Rankings, 2016



LEADING INNOVATION

Biggest student startup program in Australia. (562 programs supported since 2014)



MORE ENTREPRENEURS

UNSW has produced more technology entrepreneurs over the past 15 years than any other Australian university. / CrunchBase, 2013



TOP EARNER

UNSW undergraduates and postgraduates are in the top 5% for starting salaries and earn the highest median starting salary of any university in NSW.

/ Australian Graduate Survey 2012



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.

/ Global Employability University Ranking, 2014



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.



LEADERS IN EDUCATION

UNSW is a founding member of the prestigious Group of Eight (Go8), and the PLS Alliance, and we are a member of the Association of Pacific Rim Universities (APRU) and Universitas21.

We were also the only Australian university invited to join the Global Alliance of Technological Universities.

Modern campus in an ideal location



Sydney CBD
20 minutes by bus



UNSW Art & Design
10 minutes by bus



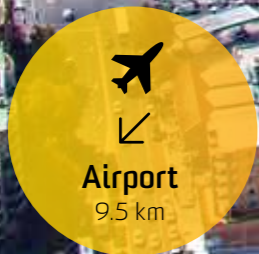
UNSW AUSTRALIA



Bondi
6.8 km



UNSW Canberra
3 hours by car



Airport
9.5 km



Coogee
2.5 km

Join our global alumni network

UNSW is where international success gets a head start.

We blend theory with practice to prepare you for success in the real world. Our industry-connected teachers bring employers into the classroom to give you firsthand experience. Our teaching methods are award winning and our learning environments are state of the art. Our alumni community has over 277,000 graduates across 146 countries, having worked for some of the world's biggest and best companies. When you graduate, this network becomes yours.

alumni.unsw.edu.au



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MORE CEOS

UNSW has educated more CEOs of Australia's top 50 companies than any other Australian university. / *LeadingCompany*, 2012



MORE MILLIONAIRES

UNSW has more millionaire alumni than any other university in Australia. / *Spear's Wealth Insight*, 2014



TOP CHOICE FOR EMPLOYABILITY

Our graduates are the no.1 choice for the top 30 employers in Australia. / *LinkedIn*, 2015



- AMAZON WEB SERVICES
- PAYPAL
- DISNEY INTERACTIVE
- CAPITOL RECORDS
- NASA AMES RESEARCH CENTER
- THE WALT DISNEY COMPANY
- GOOGLE
- BLOOMBERG MEDIA
- JANSSEN BIOTECH
- CITIBANK (LAW FIRM GROUP)
- PEPSICO



- ZENITH BANK INTERNATIONAL
- SABMILLER
- SONATRACH
- BHP BILLITON
- SONANGOL
- THE BIDVEST GROUP
- ESKOM
- SANLAM



- DEPARTMENT OF ENERGY AND CLIMATE CHANGE (UK)
- SLATER & GORDON (UK)
- BARCLAYS INVESTMENT BANK
- DEUTSCHE BANK
- WATERAID
- ERNST & YOUNG
- TRIMET ALUMINUM AG

- FINANCIAL TIMES
- MICROSOFT
- SYMANTEC
- PAYPAL (CHINA)
- SANOFI (CHINA)
- SAP LABS (CHINA)
- SAMSUNG ELECTRONICS
- DDB GROUP (ASIA PACIFIC)
- PHARMACONS CRO (CHINA & AUS.)
- SAMSUNG ELECTRONICS



- UNESCO
- FACEBOOK
- INSTAGRAM
- EBAY INC
- VISA
- RIO TINTO
- CISCO
- IBM
- 3M

COUNTDOWN TO CLIMATE CHANGE FESTIVAL



Innovate and change the world

We transform clever ideas and research discoveries into successful innovations to benefit society, the economy and future generations.

We conduct research across a wide range of areas. We invest considerable resources in areas where we believe we can make the biggest difference such as:

- **Solar power (photovoltaics).** We hold the world record for the conversion efficiency of a silicon solar cell and we are home to the world's fastest solar powered car.
- **Clean drinking water.** We created membrane filtration technology to filter water that is now used in taps around the world.
- **The bionic eye.** We successfully trialed a bionic eye system that is a world first in terms of neural stimulation and clarity of vision.
- **HIV/AIDS.** Since diagnosing Australia's first case of HIV, we have been involved in the development of every existing antiretroviral HIV drug.
- **The world's largest computer.** Using silicon, we are building the world's largest supercomputer.

Supporting entrepreneurs

UNSW Innovations offers free services to guide and connect entrepreneurial students and alumni to develop a sustainable business model for their innovative ideas. innovations.unsw.edu.au

New innovation hub

The first of its kind in Australian universities, the Michael Crouch Innovation Centre (MCIC) is where students can design, experiment and build their ideas with guidance from visionaries, corporate partners and the MCIC team. mcic.unsw.edu.au

Creating a better world

As part of our UNSW 2025 vision, we are establishing a Global Development Network and partnering with universities to improve the lives of some of the most disadvantaged communities in Asia, Africa and the Pacific. In partnership, we will achieve greater progress for those in need.



One of the country's largest research communities with over 4,300 dedicated research students.



We are establishing a UNSW Innovation Precinct to bring together industry, entrepreneurs, investors and policy makers from around the world to link all the steps in the innovation-research-development-translation value chain.



12 Australian Research Council centres of excellence.



Founding partner of ATP Innovations, the world's no.1 technology incubator (International Business Innovation Association 2014).



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Study in one of the world's best cities

The business capital of Australia

Sydney is home to more global firms than any other Australian city. A gateway to Asian economies, the city attracts great minds and offers an ideal climate, a relaxed outdoor lifestyle and friendly locals. It's no wonder it was voted the 10th best city in the world to live and work.*

*Mercer Quality of Living Survey 2016



Student friendly

Sydney is home to a diverse and cosmopolitan society. The city was ranked the 4th best student city in the world, winning extra points for quality of life (QS Best Student Cities 2015). The food and coffee are pretty good too.

Love Sydney for less

There are endless indoor and outdoor activities to enjoy in Sydney at affordable prices. Visit free art galleries, watch a movie at the local cinema, set off on a coastal walk, enjoy a barbecue in the park, go snorkelling or surfing at the beach, or grab a cheap lunch or dinner in our neighbouring suburbs.

Surrounding areas

UNSW is located in the leafy Eastern Suburbs, minutes away from Coogee Beach and Centennial Park. The surrounding suburbs of Kingsford and Randwick are full of affordable cafés and restaurants offering an impressive range of international cuisine, reflecting the area's diversity.

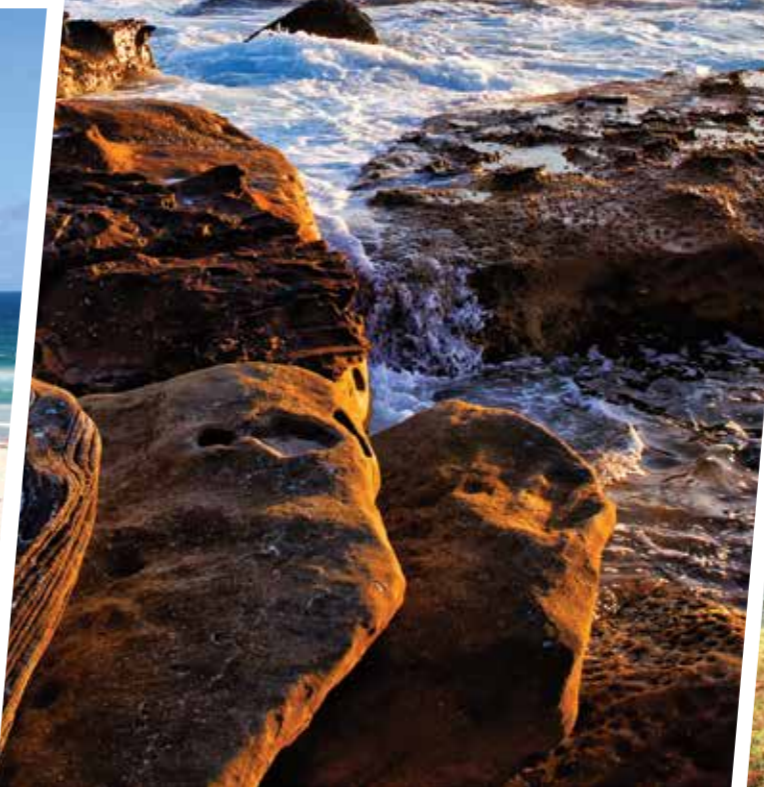
Outside of Sydney

Hop on a train to the Blue Mountains for some fresh air, go north or south along the coast for quiet and stunning beaches, or head inland for Australian rural life. And you can always hop on a plane to Melbourne, the Gold Coast, New Zealand or Bali, just like the locals.

international.unsw.edu.au/sydney-worlds-best



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Supercharge your career potential

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

UNSW Careers and Employment

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 your degree, you can attend free seminars, access online resources or book a one-on-one appointment with a careers consultant. You'll also have access to the Careers and Employment Office up to 18 months after completing your degree.

careers.unsw.edu.au

UNSW China Office

The UNSW China-based office is committed to ensuring excellent graduate employment opportunities for students. The China team actively maintains working partnerships with leading Australian, Chinese and multinational companies to identify the latest industry trends and opportunities relevant to our graduates.

china.unsw.edu.au

Professional Development Program for International Students

As a student you can take advantage of a professional development program tailored to give a hands-on experience in a professional workplace. It includes a three-day seminar covering topics such as business communication, employer expectations and recruitment processes. You're also offered the opportunity to complete 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

student.unsw.edu.au/pdp

Univariate

Univariate 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 résumé (curriculum vitae) with valuable business experience and achievements
- Expand your network of industry professionals, contacts, and new friends and colleagues

student.unsw.edu.au/univariate-competition

International Students Careers Week

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

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.

student.unsw.edu.au/expos



Experience life on campus

UNSW offers a village atmosphere that will make you feel right at home.

Campus facilities

UNSW Kensington campus has everything you need including over 40 cafés and restaurants, two banks, four ATMs, a post office, a supermarket, a food cooperative, a pharmacy, a dentist, two libraries, a fitness and aquatic centre, and sports fields and courts.

Study areas

Work on your assignments at one of our many indoor computer labs or outdoor study areas complete with power outlets to charge your devices. Stay connected to family and friends with free Wi-Fi throughout the campus.

Clubs and societies

Choose from over 250 student-led clubs and societies covering an immense range of hobbies, and cultural and social activities.

Student association

Arc is our student association, run by students for students. Find out about parties and events, or get discounts from partner organisations, free legal advice, and assistance with finding a part-time job or volunteer work.

Language and conversation skills

Improve your language skills by participating in one of our many programs or discussion groups on campus. You can also get matched with a partner to share your language while learning another.

Religious centre

Our interfaith religious centre is for all UNSW students. Chaplains conduct services and studies, and offer spiritual counselling. The Islamic Society has an Imam in attendance with meeting and prayer rooms available.

Staying safe

To maintain our safe and enjoyable study environment, our security service provides a 24-hour comprehensive presence across the campus. Our StaySafe@UNSW free app provides tips, contacts, a newsfeed, allows you to track the night bus and much more.

international.unsw.edu.au/life-at-unsw



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Get friendly and helpful support

Our students tell us we are one of the friendliest universities in Australia with a host of 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, our dedicated International Student Welcome Centre will make sure you feel oriented, safe and well connected.

Student Development International

Student Development International (SDI) is the first point of contact for international students. Our International Student Advisors are always here to help you with personalised advice and information about all aspects of your university life, your student visa, your wellbeing and academic performance. UNSW has a range of support and development services available to assist you from the time you arrive through to graduation.

Academic support

As a UNSW student, you will get access to free online resources, academic skills workshops, individual consultations with peer writing assistants, exam preparation tips and much more.

Cultural mentors

New students can apply to be matched with a Cultural Mentor prior to their arrival in Australia. The program introduces new international students to a senior student mentor who is available to answer questions about learning at UNSW or living in Sydney. On arrival new students can meet the Cultural Mentors to learn about Australian culture, customs and being a student at UNSW.

Peer mentors

You can also be matched with a peer mentor. This is a senior student from your faculty who can provide you with faculty advice and tips on how to adjust to student life in your chosen field.

student.unsw.edu.au/international



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Live in award-winning accommodation

UNSW is the largest provider of student housing in Sydney with award-winning accommodation on and off campus. Live within walking distance of your lecture halls, meet people from around the world and make lifelong friends. Alternatively, find your own home in the neighbouring eastern suburbs or by the beach.

Accommodation at UNSW

Colleges

Colleges provide a choice of full board, partly catered and self-catered style accommodation. There is also a range of gender options including male only, female only, and mixed male and female accommodation. Most colleges cater for dietary requirements like halal, kosher and vegetarian.

Apartments

Apartments offer independent-style living for undergraduates, postgraduates, couples and families with children. There are apartments available on and off campus and costs vary depending on the number of rooms and the location.

University accommodation should be organised in advance as places book up quickly. Apply for UNSW accommodation at housing.unsw.edu.au

Private accommodation options

Rental property

There are many private rental properties available in the suburbs surrounding UNSW. 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 or unfurnished and additional expenses like electricity, gas, telephone and Wi-Fi are typically not included in the rental price. Costs vary but usually range from A\$150 – A\$300 per student per week in a shared house or apartment.

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. Some may also include bed linen, a laundry service and weekly room cleaning. Single room-only homestays include a furnished room, and gas and electricity expenses included in the rental price. You will be responsible for providing your own food, cooking, cleaning, and laundry and telephone costs. Costs vary but usually range from A\$180 – A\$300 per student per week.

Search our database of locally listed private properties at studystays.unsw.edu.au

Temporary accommodation

If you haven't confirmed your university accommodation before you arrive, we recommend you allow three to four weeks before classes begin to look for private housing, settle in and attend orientation sessions. Be sure to book short-term accommodation first, then look for long term options in person. This can include private hotels, motels, hostels, lodges or furnished apartments ranging from A\$45 to A\$300 per day.

Private student housing assistance

Our International Student Housing Assistance team (ISHA) can help you look for temporary or private accommodation if UNSW accommodation isn't available when you apply. This helpful service is available at the start of each semester.

student.unsw.edu.au/housing-assistance

Under 18s

Arrangements must be made for students under 18 years of age. These requirements are in line with Australian Government regulations for the care and welfare of international students under 18.

student.unsw.edu.au/visa18



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Colleges	Configuration	Catering	Internet	Private bathroom (ensuite)	Weekly rate (2016)
The Kensington Colleges: Basser, Philip Baxter and Goldstein The Kensington Colleges provide a home and foster a strong community with pastoral care, academic mentoring programs, sporting and regular social events.	Single rooms	Fully catered – 21 meals per week	Wi-Fi	Ensuites in some rooms, shared unisex for others	\$478 (shared bathroom) \$526 (ensuite room)
Fig Tree Hall A culturally supportive, alcohol-free college with gender segregated floors and prayer contemplation rooms. Dietary needs can be catered for if required, e.g. vegetarian, halal.	Single rooms	Fully catered – 21 meals per week	Wi-Fi	Yes	\$526 (ensuite room)
UNSW Hall An older style accommodation, good value for money and it is the economical option for students.	Single rooms	Part catered – breakfast and dinner	Wi-Fi	No – shared unisex	\$340 (shared bathroom)
Colombo House Ideally suited to students who enjoy the benefits of an integrated community life as well as their independence.	Single rooms	Self catered	Wi-Fi	Yes	\$381 (ensuite room)
Creston College Provides accommodation for up to 25 undergraduate and postgraduate full-time female students.	Single rooms	Fully catered – 21 meals per week	Wi-Fi	Private ensuite bathroom in some rooms, shared bathrooms for others	\$382 (shared bathroom), \$415 (ensuite room)
International House For full-time students in their second year of undergraduate studies or above.	Single rooms	Fully catered – 21 meals per week	Wi-Fi	Yes	\$266 (ensuite room)
New College New College is well-known for its vibrant community, academic excellence, pastoral care and Christian Foundations. It welcomes all people.	Single rooms	Fully catered – 21 meals per week	Wi-Fi and wired	Private ensuite bathroom in some rooms, shared single-sex bathrooms for others	\$452 (shared bathroom), \$509 (ensuite room)
Shalom College Warm and friendly, diverse, multi-cultural community open to undergrad and postgrad students.	Single rooms	Fully catered – 19 meals per week	Wi-Fi	Ensuite rooms and rooms with shared single-sex bathrooms available	\$446 (shared bathroom), \$516 (ensuite room)
Warrane College Open to male students at UNSW.	Single rooms	Fully catered – 21 meals per week	Wi-Fi and wired	Shared bathrooms	\$420 (shared bathroom)

(Accommodation costs are subject to change and are indicative only.)

Apartments	Configuration	Catering	Internet	Private bathroom (ensuite)	Weekly rate (2016)
University Terraces Affordable student accommodation, including ground floor cafés and bars — right where the action is! Communal kitchen and lounge for students to socialise.	Studio and 1 bedroom apartments	Self catered	Wi-Fi	Yes	From \$378 per apartment
Barker Apartments On-campus, shared independent living. Smaller apartments available for couples and families with children.	Studio, 2, 3 and 5 bedroom apartments	Self catered	Wi-Fi	No – shared unisex	From \$263 per student
Mulwarree Apartments Located close to campus, shared independent living.	5 bedroom apartments	Self catered	Wi-Fi	No – shared unisex	\$234 per student
High Street Apartments Close to the university with a family environment, preference given to couples and families.	1 and 2 bedroom apartments	Self catered	Wi-Fi	Yes	From \$400 per apartment
New College Village Quality, fully furnished, air conditioned secure accommodation for postgraduates and selected undergraduates on lower campus.	Single room apartments and studios	Optional catering	Wi-Fi and wired	Yes	\$361 per apartment \$398 per studio
UNSW Village A range of fully furnished, stylish and contemporary apartments that are conveniently located on campus.	1 bedroom studios and 1 - 8 bedroom apartments	Self catered	Wi-Fi and wired	Ensuite bathrooms in some rooms, shared unisex bathrooms for others	\$264 – \$425 per student
UniLodge @ UNSW Located only ten minutes from UNSW Kensington Campus, with a choice of fully furnished studio and shared serviced apartments with 24-hour security and a live-in manager.	Studio and 2 - 5 bedroom apartments	Self catered	Wi-Fi and wired	Ensuite bathrooms in some rooms, shared bathrooms for others	\$402 - \$494 per student

Living on campus compared to living off campus	Share in flat	One bedroom	UNSW Apartment	UNSW College
Bond, furniture, utility connections etc	\$3,000	\$3,700	\$0	\$0
Ongoing costs				
Accommodation cost per week	\$250	\$430	\$349	\$445
Internet	\$10	\$20	\$0	\$0
Gas and Electricity	\$25	\$35	\$0	\$0
Food	\$100	\$100	\$100	\$0
Travel to University	\$40	\$40	\$0	\$0
Average Costs Total	\$425	\$625	\$449	\$445
Total Annual Cost	\$25,100	\$36,200	\$23,348	\$23,140

(Accommodation costs are subject to change and are indicative only.)



Commercial leadership

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



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We have one of the world's leading business schools, with accounting and finance subjects placed No. 2 in Australia in the QS World University Rankings by Subject 2016. Our law school is ranked among the finest in the world, positioned at 13th in the QS World University Rankings by Subject 2016. UNSW Law is Australia's leader in progressive legal education and research.



Globalisation is transforming the tax landscape. Companies need accountants, economists, tax specialists and legal experts to ensure compliance and to protect against negative impact.

/ Deloitte in Dialogue Report: Trends in the Global Tax and Regulatory Landscape, 2015



By 2050, Asia will account for 45% of the world's population with 63% of the world's emerging cities. Accountants, financial analysts, economists and other commercial experts will be in high demand.

/ McKinsey Global Institute. Urban World: Cities and the rise of the consuming class, 2012



From natural disasters and the rise of social unrest to global financial instability, world markets need actuaries, risk managers and insurance specialists to prepare for the unknown.

/ The Actuary. London Market Trends / General Insurance Seminar. Terrorism Risk Insurance in Australia, 2014



'I came to UNSW to develop my thinking as a global citizen. UNSW Business School is highly regarded and I was impressed that most of their lecturers also work in their fields. It is a reassurance that what we study is not just intended for the classroom but is used in the workforce.'

Mildred Osasumwen Aroko
Commerce

Career outcomes

- 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
- Property developers
- 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.



Connectivity, infrastructure and technology

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



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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.



Addressing climate change in Asia is projected to cost up to \$70 billion annually until 2100. This will create demand for jobs in climate-proofed infrastructure, irrigation, geoinformation systems, energy, conservation and urban design.

/ Asian Development Bank, 2014



More students are taking up STEM subjects (science, technology, engineering and maths) to prosper in tomorrow's world. Chemistry participation is up nearly 20%, physics 15%, biology 12% and maths 8%.

/ Approved Index Report and Forbes' 100 Richest People In The World List



The Southeast Asian consumer class is expected to double by 2030. This will give rise to a \$7 trillion demand for infrastructure, housing and commercial space. Architects, planners, construction specialists and civil engineers are needed.

/ McKinsey & Company, Southeast Asia at the Crossroads: Three Paths to Prosperity, 2014



'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.'

Tarun Muthanna
Engineering Science

Career outcomes

- Aerospace engineers
- Aerial surveyors
- Air traffic managers
- Airport managers
- Architects
- Aviation managers
- Aviation safety and security specialists
- Biomedical engineers
- Chemical engineers
- City planners
- Civil engineers
- Computer science engineers
- Construction and property managers
- Cyberspace lawyers
- Digital map creators
- Digital technology specialist
- Industrial designers
- Intellectual property lawyers
- Interior architects
- Landscape architects
- Logistics managers
- Management consultants
- Manufacturing engineers
- Materials engineers
- Mechanical designers
- Mechanical engineers
- Mechatronic engineers
- Mining engineers
- Naval architects
- Petroleum engineers
- Pilots
- Project managers
- Quantity surveyors
- Robotics specialists
- Technology lawyers

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Environment, energy and sustainability

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



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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.



China has surpassed the US as the world's largest energy consumer and generator. Climate scientists, renewable energy engineers, environmental lawyers and economists need to work together to tackle mass energy consumption.

/ Institute for Energy Research, 2014



Employment of environmental scientists, environmental engineers, and environmental science and protection technicians is projected to grow between 15% - 19% annually to 2022, faster than the average across all occupations.

/ US Bureau of Labor Statistics



In 2013, green building was estimated to be more than a trillion dollar industry worldwide. With this trend continuing, employers are looking for innovative thinkers and leaders with expertise in engineering, architecture, construction, renewable energy and urban planning.

/ World Green Building Council. The Business Case for Green Building, 2013



'UNSW is a leading university in Sydney and has an excellent national and international reputation in engineering and in the renewable energies field. It has been a great learning experience so far - we've heard from many excellent speakers and I often have the opportunity to put theory into practice, working with other students in small groups.'

Michael Hallam
Engineering (Renewable Energy) and Commerce

Career outcomes

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



Global health

Coveted career opportunities await medicine and science graduates from UNSW



SCAN WITH LAYAR APP OR QR READER

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.



Life expectancy is increasing meaning there will soon be 560 million people over the age of 65 worldwide. This will boost demand for health care services and positions in medicine, neuroscience, vision science, optometry and other aged-care specialties.

/ Economist Intelligence Unit. World industry outlook: Healthcare and pharmaceuticals, 2014

1/4

Globally, one in four people will suffer from a mental disorder or condition, both in developed and developing countries. Mental disorders contribute to almost 70% of the leading causes of disability. Mental health practitioners are needed.

/ World Health Organization (WHO), 2013



Globally, many countries are experiencing a health care professional shortage. Estimates suggest there will be a shortage of 230,000 physicians across Europe in the near future.

/ Deloitte. Global Health Care Outlook: Shared Challenges, Shared Opportunities, 2014



'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 of high school. UNSW Medicine is also affiliated with many teaching hospitals and institutions which allows for many exciting placement opportunities during my degree.'

Aengus Tran
Medicine

Career outcomes

- Bioinformaticians
- Biomedical engineers
- Biotechnology specialists
- Clinical research associates
- Clinical trial managers
- Doctors
- Exercise physiologists
- Geneticists
- Laboratory technicians
- Medicinal chemists
- Microbiologists
- Nanotechnologists
- Optometrists
- Patent lawyers
- Pharmaceutical developers
- Pharmaceutical sales representatives
- Pharmacologists
- Psychiatrists
- Psychologists
- Research scientists
- Surgeons

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.



Media, design and creativity

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



SCAN WITH LAYAR APP OR QR READER

Our Art & Design, Arts & 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, digital media, creative and performing arts, and industrial design and innovation. We encourage our students to examine these fields through intensive studio and lab practice.

8.8% GROWTH

World trade in creative goods and services has been growing 8.8% annually. This includes visual art, design, fashion, film, music, new media and print media. This is good news for design media and communications graduates.

/ United Nations Conference on Trade and Development. Trade in Creative Products Reached New Peak, 2013



Mobile devices have radically changed the publishing industry. Writers, journalists, designers, photographers, video producers, animators and multimedia specialists are all benefiting.

/ ZenithOptimedia. 2038: Six Trends for the Next 25 Years. 2013.



Gaming has grown into a global multi-billion dollar industry. There are currently 1.2 billion gamers around the world. Exciting times for game designers, animators, graphic media designers and marketers.

/ Performance PSU. 2014 Facts: Statistics & Facts About the Gaming Industry



'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.'

Carissa Tan
Art Theory

Career outcomes

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

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.



Global social responsibility

Leaders who make a difference



SCAN WITH LAYAR APP OR QR READER

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 social sciences can be used to improve people's lives.



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 and sustainable land and water use.

/ Asian Development Bank. Investing in Food and Agriculture in Asia and the Pacific, 2014



Extreme weather conditions have led to devastating death tolls from natural catastrophes, malnutrition, poverty and disease. This calls for specialists in social work and research, public health and policy, governance and development studies.

/ DARA and the Climate Vulnerable Forum. A Guide to the Cold Calculus of A Hot Planet, 2012



Around 500 million people live in countries at risk of instability and conflict. Those specialising in dispute resolution, human rights policy, international relations, development studies, and social research and policy are working for global peace.

/ Institute for Economics & Peace. Global Peace Index, 2014



'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.'

Samretta Carr Caldwell
International Public Health and Health Management

Career outcomes

- Architects
- City planners
- Community legal support
- Cross-cultural consultants
- Development specialists
- Doctors
- Economists
- Environmental engineers
- Food scientists
- Gender specialists
- Geospatial information scientists
- Human rights lawyers
- Industrial designers
- International journalists
- Interpreters and translators
- Landscape architects
- Organisational managers
- Policy analysts
- Political advisers
- Political scientists
- Pro bono legal advisers
- Project managers
- Public sector managers
- Refugee and displacement advocates
- Renewable energy entrepreneurs
- Research consultants
- Social entrepreneurs
- Social scientists
- Social workers
- Teachers

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.



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ACTUARIAL STUDIES

Bachelor of Actuarial Studies (3586)

Duration: 3 years

Entry: February and July

Estimated first year tuition: A\$37,440

Units of credit (per year/total): 48/144

Assumed knowledge: Maths

Faculty: Business School

The Bachelor of Actuarial Studies is a challenging but highly rewarding degree that will provide you with Part I accreditation into the profession. Actuarial studies involves the application of statistical and financial analysis and risk models to management in general, life and health insurance, superannuation, investment and finance.

Majors

Actuarial Studies

Other majors:

Accounting; Business Economics; Business Law; Business Strategy and Economic Management; Finance; Financial Economics; Human Resource Management; Information Systems; International Business; Management; Marketing; Mathematics; Real Estate Studies; Statistics; and Taxation

Career opportunities

There is strong demand for graduates in actuarial studies, especially in the financial services, insurance and superannuation industry.

As a graduate, you can work as an actuarial analyst, consultant, asset management trainee, credit analyst, forecasting analyst, insurance analyst, risk assessment officer, statistical research analyst, superannuation advisor or wealth management analyst.

★ This degree is professionally recognised.

✦ **Combine this degree with:**

Bachelor of Commerce, Bachelor of Economics, Bachelor of Laws, Bachelor of Science, Bachelor of Science (Advanced Mathematics) (Honours)

Dual Award duration: 4 to 5 years.

ARCHITECTURE

Bachelor of Architectural Studies (3261)

Duration: 3 years


Entry: February

Estimated first year tuition: A\$36,480

Units of credit (per year/total): 48/144

Assumed knowledge: None

Faculty: Built Environment

 We are ranked 19th in the world for Architecture / QS World University Rankings by Subject 2016

Behind almost every building – from modest and intimate rooms to spaces accommodating complex needs and those that are extraordinary and iconic – lies the disciplined creativity of architecture. An architect designs buildings and their settings to meet the needs of people who use the building, clients and the broader community. In their design practice, architects are mindful of sustainability, cultural and economic considerations.

Career opportunities

As a graduate, you may find employment as a

consulting architect in a private practice, a specialist architect, an architect at a multidisciplinary design practice, an architect in a government office or large commercial practice architectural firms.

★ This degree is professionally recognised*.

*The Bachelor of Architectural Studies is the undergraduate pathway to the professionally accredited postgraduate Master of Architecture degree which has professional recognition from the NSW Architects Registration Board, Australian Institute of Architects, Architects Accreditation Council of Australia and Commonwealth Association of Architects.

Bachelor of Architectural Studies (UNSW – Tongji) (3264)

Duration: 4 years

Entry: Students commence the dual degree at Tongji and the Tongji academic year commences in September.

Estimated first year tuition: A\$36,480

Units of credit (per year/total): 48/192

Assumed knowledge: None

Faculty: Built Environment

Entry requirements

Applicants for admission will require academic qualification, portfolio and interview to meet requirements.

An online application needs to be submitted directly to Tongji University and not through UNSW. For more information: <http://study.tongji.edu.cn>

This degree is not available to students who are currently studying an undergraduate architecture degree or PRC citizens.

Career opportunities

This degree will prepare you for work in both China and Australia. As a graduate, you may find employment as a consulting architect in a private practice, a specialist architect, an architect at a multidisciplinary design practice, an architect in a government office or large commercial practice architectural firms.

★ This degree is professionally recognised*.

*The Bachelor of Architectural Studies is the undergraduate pathway to the professionally accredited postgraduate Master of Architecture degree which has professional recognition from the NSW Architects Registration Board, Australian Institute of Architects, Architects Accreditation Council of Australia and Commonwealth Association of Architects.

Bachelor of Computational Design (3268)

Duration: 3 years

Entry: February

Estimated first year tuition: A\$35,640

Units of credit (per year/total): 48/144

Assumed knowledge: None

Faculty: Built Environment

Students will learn to apply state of the art computational thinking, architecture, construction, and urban planning design. Students will become familiar with theories in all the above areas to enhance knowledge of frontier computer skills, gaming engines and digital fabrication technologies. The program will teach students to interpret and develop design ideas by offering modules that outline how creative, technical and aesthetic solutions are gained through applying an extensive range of emerging digital tools.

Career opportunities

Graduates will be able to work in the following fields: Architectural and urban design specialist, digital optimisation consultant for architecture or engineering firms, software solutions developer, design to production manager in a construction firm, smart Cities consultant in planning offices or councils, urban data analyst for business consultancy firms, design technology manager in architecture and design firms, digital fabrication and smart manufacturing specialist, animation professional, gaming environment developer, building Information Model (BIM) Implementer, parametric design enabler.


Bachelor of Interior Architecture (Honours) (3256)

Duration: 4 years
Entry: February
Estimated first year tuition: A\$34,080
Units of credit (per year/total): 48/192
Assumed knowledge: None
Faculty: Built Environment

This program focuses on the design of interior environments and all aspects of their structural, spatial, social and material assembly. Students develop an informed appreciation of the physical, cultural, environmental and historical contexts of interior architecture and design creative and inventive design solutions that reflect an understanding of the human scale and experiences inherent in the public and private spaces of our interior environments.

Career opportunities

As a graduate, you can pursue a career as a private consultant or corporate interior designer and design for the broad spectrum of public and private sectors including office, hotel, exhibition, medical and retail environments.

 This degree is professionally recognised.


Bachelor of Landscape Architecture (Honours) (3381)

Duration: 4 years including a period of 90 days work experience
Entry: February
Estimated first year tuition: A\$34,080
Units of credit (per year/total): 48/192
Assumed knowledge: None
Faculty: Built Environment

Landscape architecture is a design profession with a long tradition and increasing relevance in meeting the challenge of creating sustainable and beautiful environments in urban and rural settings. Landscape architects combine knowledge of art and science to plan, design and manage natural and built environments in Australia and internationally, which conserve and celebrate ecological relationships, cultural values and symbolic associations.

Career opportunities


As a graduate, you can pursue a career as a design consultant in a private practice, technical officer or designer in state or local government, landscape designer or planner in state government or landscape planning and management specialist.

 This degree is professionally recognised.

ART THEORY

Bachelor of Art Theory (4803)

Duration: 3 years
Entry: February and July
Estimated first year tuition: A\$30,480
Units of credit (per year/total): 48/144
Assumed knowledge: None
Faculty: Art & Design

 **Career opportunities**
 The creative and cultural industries are key drivers of growth in the contemporary global economy. Our graduates are sought after across a range of arts, cultural, entertainment, media and technology industries.

Careers for Bachelor of Art Theory graduates include:

- Arts and Cultural Management, Policy Making and Administration
- Creative Direction, Planning and Production
- Art and Design Criticism, Communications and Journalism

- Cultural and Creative Research and Scholarship
- Multi-Platform Publishing and Distribution
- Curatorship, Festival, Event and Museum Management
- Design Thinking and Management
- Public Programming and Engagement
- Entrepreneurship, Strategist, Creative Social Enterprise and Startups


+ Combine this degree with:
 Bachelor of Arts, Bachelor of Laws, Bachelor of Social Research & Policy
Dual Award duration: 4 to 5 years.

The Bachelor of Art Theory is designed specifically for aspiring thinkers, producers, curators, innovators and entrepreneurs interested in pursuing a career in the creative and cultural sectors.

ARTS

Bachelor of Arts (3409)

Duration: 3 years
Entry: February and July
Estimated first year tuition: A\$30,480
Units of credit (per year/total): 48/144
Assumed knowledge: None
Faculty: Arts & Social Sciences

 **Career opportunities**
 Our graduates can be found in the following careers: Diplomacy, publishing, the arts and creative industries, international affairs, education, journalism, social justice, politics, university and public administration, interpreting and translating, business and entrepreneurship, media, research.

- Theatre and Performance Studies
- Women's and Gender Studies*
**minor only*

Career opportunities

Our graduates can be found in the following careers: Diplomacy, publishing, the arts and creative industries, international affairs, education, journalism, social justice, politics, university and public administration, interpreting and translating, business and entrepreneurship, media, research.

+ Combine this degree with:
 Bachelor of Art Theory, Bachelor of Fine Arts, Bachelor of Commerce, Bachelor of Economics, Bachelor of Education (Secondary), Bachelor of Engineering (Honours), Bachelor of Environmental Management, Bachelor of Laws, Bachelor of Medical Studies, Doctor of Medicine, Bachelor of Music, Bachelor of Science, Bachelor of Advanced Science (Honours), Bachelor of Science (Advanced Mathematics) (Honours), Bachelor of Social Work (Honours)
Dual Award duration: 4 to 7 years.

The flexibility of this degree allows you to shape your program around your interests and career aspirations. You will develop a broad range of highly transferable skills and knowledge in your chosen areas of study. You will complete in-depth study in two discipline areas, which you can select from 35 areas of study.

Areas of Study

- Art History and Theory*
- Asian Studies
- Australian Studies*
- Chinese Studies
- Creative Writing
- Criminology
- Development Studies
- Economics

- English
- Environmental Humanities
- European Studies
- Film Studies
- French Studies
- Geography
- German Studies
- Greek Studies*
- History
- Human Resource Management
- Indigenous Studies
- Indonesian Studies*
- International Business
- International Relations
- Italian Studies*
- Japanese Studies
- Korean Studies
- Linguistics
- Media, Culture and Technology
- Music
- Philosophy
- Politics
- Spanish and Latin American Studies
- Studies in Psychology*
- Sociology and Anthropology

Bachelor of Arts and Business (3444)

Duration: 3 years
Entry: February and July
Estimated first year tuition: A\$33,960
Units of credit (per year/total): 48/144
Assumed knowledge: None
Faculty: Arts & Social Sciences

 **Arts component - major and minor**

- Art History and Theory*
- Asian Studies
- Australian Studies*
- Chinese Studies
- Creative Writing
- Criminology
- Development Studies
- English
- Environmental Humanities
- European Studies
- Film Studies
- French Studies
- Geography*
- German Studies
- Greek Studies*
- History
- Indigenous Studies
- Indonesian Studies*
- International Relations
- Italian Studies*
- Japanese Studies
- Korean Studies
- Linguistics

- Media, Culture and Technology
 - Music
 - Philosophy
 - Politics
 - Spanish and Latin American Studies
 - Sociology and Anthropology
 - Studies in Psychology*
 - Theatre and Performance Studies
 - Women's and Gender Studies*
- *minor only*

Career opportunities

This degree provides you with the skills to work in management, marketing and strategy roles in a range of industries and organisations. You will develop skills, capabilities and ways of thinking critically, which are highly valued by employers and professions including critical and creative problem solving, persuasive communication and presentation skills, research skills, an understanding of human behavior, and respect for social, cultural and individual diversity.

+ Combine this degree with:
 Bachelor of Laws (6 years)

This degree allows you to merge your passions in the Arts, Humanities and Social Sciences with a practical understanding of business principles and skills in management. You will develop foundations in business through your choice of four core courses and a business stream in Marketing, Business Law or Management. You will also study your choice of major and minor in Arts & Social Sciences.

Business component - core courses

- Accounting and Financial Management 1A
- Business and the Law
- Microeconomics 1
- Marketing Fundamentals
- Managing Organisations and People

AVIATION

Bachelor of Aviation (Flying) (3980)

Duration: 3 years
Entry: February and July
Estimated first year tuition: A\$39,360*
*Flight training costs, which are in addition to tuition fees, are estimated in the range of A\$122,000 - \$144,000 for the duration of this program, depending on the advanced options chosen. Students who require more than 200 hours to achieve the required flying standards to Multi-Engine Instrument Rating may incur additional fees.
Units of credit (per year/total): 48/144
Assumed knowledge: Maths, Physics is recommended
Faculty: Science


The Bachelor of Aviation within the flying stream is an integrated program consisting of an academic core plus quality flight training to commercial standards.

On graduation, students who complete the three-year flight training option will hold the Bachelor of Aviation. You will attain a minimum of Commercial Pilots Licence with a Multi Engine Command Instrument Rating and an Air Transport Pilots Licence (frozen) on completion of the degree with advanced options available including Instructor Rating, Multi Crew course or a research project. As an international student, you are advised to confirm registration

requirements with the relevant aviation authorities in your home country. A Class One aviation medical certificate is required to be a commercial pilot. You should check with your local aviation medical examiner to determine whether you are eligible for an Australian Class One medical certificate.

Career opportunities

Whilst many trainee pilots aim at airline employment, you may also find careers in business aviation, training, charter flying and aerial survey work.

 This degree is professionally recognised.

Bachelor of Aviation (Management) (3981)

Duration: 3 years
Entry: February and July
Estimated first year tuition: A\$39,360
Units of credit (per year/total): 48/144
Assumed knowledge: Maths, Physics is recommended
Faculty: Science

The Bachelor of Aviation (Management) shares a common academic core with the Bachelor of Aviation (Flying) plus a wide range of aviation management courses. The program is designed for those with aviation industry experience or licences who desire to further their qualifications to a tertiary level, or those who seek a new career in aviation in the broad context of flight operations either on or off the flight deck.

Career opportunities

Graduates are expected to find employment with airlines, airports, government agencies such as the Commonwealth Department of Transport, tourism authorities seeking aviation expertise, air traffic services, areas of management for the Defence Forces, management consultant organisations and air safety authorities.

+ Combine this degree with:
 Bachelor of Commerce (4 years)

BIOTECHNOLOGY

Bachelor of Biotechnology (Honours) (3053)

Duration: 4 years
Entry: February and July (for July intake, summer semester must be completed after 1st semester of study)
Estimated first year tuition: A\$39,360
Units of credit (per year/total): 48/192
Assumed knowledge: Maths and Chemistry, Biology is recommended
Faculty: Science

many of the world's medical, environmental, agricultural and manufacturing problems in the 21st century will depend heavily on advances in biotechnology. This degree is for bright, enterprising students who want to change the world we live in. As with all our science degrees, you start your degree building on the fundamentals of science with courses such as biology, chemistry and maths. You'll also begin your journey as a biotechnologist with Introductory Biotechnology.

Your following two years see you delve deeper into the multi-disciplinary world of biotechnology, with courses in molecular biology, microbiology, chemistry, genetics and, of course, biotechnology. You'll explore current trends and professional issues in the biotechnology industry, including commercialisation of biotechnology. In your final year, you'll complete a research project as part of your honours year.

Career opportunities

As a graduate, you can expect to find employment in a wide range of organisations including start-up companies developed to commercialise new research findings, established companies applying new biological techniques, medical and biological research organisations and a range of commercially related activities such as patents and venture capital.

Related degrees:
 Bachelor of Science - page 59
 Bachelor of Advanced Science (Honours) - page 60

CITY PLANNING

Bachelor of City Planning (Honours) (3362)

Duration: 4 years (including one year of work experience)

Entry: February

Estimated first year tuition: A\$34,080

Units of credit (per year/total): 48/192


Assumed knowledge: None

Faculty: Built Environment

Planning the lived environment is a complex, dynamic activity. It requires a broad understanding of political, economic, cultural, design, environmental and legal issues. For cities, suburbs and regions, the Bachelor of City Planning encompasses the development, improvement, conservation and general management of the environment.

Career opportunities

Graduates may pursue careers as an environmental planner, land use planner, strategic planner, urban planner, social planner, or development assessment planner.

 This degree is professionally recognised.

+ Combine this degree with:
Bachelor of Laws (7 years)

Related degrees:

Bachelor of Engineering (Honours) in Surveying - page 49

COMMERCE

Bachelor of Commerce (3502)

Duration: 3 years


Entry: February and July

Estimated first year tuition: A\$37,440

Units of credit (per year/total): 48/144

Assumed knowledge: Maths

Faculty: Business School

 We are ranked 13th in the world for Accounting and Finance / QS World University Rankings by Subject 2016

The Bachelor of Commerce is a highly valued business qualification that opens doors to a wide variety of careers. This degree offers you the flexibility to design a degree program that suits your interests and career aspirations.

Majors


In the BCom you have the option to study one or two commerce majors:

- Accounting
- Business Economics
- Business Law
- Business Strategy and Economic Management
- Finance
- Financial Economics
- Human Resource Management
- Information Systems
- International Business
- Management
- Marketing
- Real Estate Studies
- Taxation

Career opportunities

As a graduate, you will be equipped with specialist technical skills which are the building blocks for a career in business, as well as developed analytical skills. You will be qualified to pursue a range of careers across local and

international organisations, government and not-for-profit organisations and work as an accountant, economist, strategy consultant, business manager, marketing specialist, information systems consultant, taxation advisor, investment banker, or policy advisor.

 This degree is professionally recognised.

+ Combine this degree with:

Bachelor of Actuarial Studies, Bachelor of Arts, Bachelor of Aviation (Management) , Bachelor of Design (Honours), Bachelor of Economics, Bachelor of Education (Secondary), Bachelor of Engineering (Honours), Bachelor of Engineering (Materials Science and Engineering) , Bachelor of Fine Arts, Bachelor of Information Systems, Bachelor of Laws, Bachelor of Media (Public Relations and Advertising), Bachelor of Music, Bachelor of Science, Bachelor of Advanced Science (Honours), Bachelor of Science (Advanced Mathematics) (Honours), Bachelor of Science (Computer Science)

Dual Award duration: 4 to 6 years.

- International Relations
- Language Studies (Chinese, French, German, Japanese, Hispanic, Korean)
- Politics
- Spanish and Latin American Studies


Career opportunities

As a graduate, you can find employment in diverse professions within the commerce industry depending on your choice of major in the commerce degree. You can work in government agencies including foreign affairs, investment banks and other financial institutions with international links as well as non-government organisations.

+ Combine this degree with:

Bachelor of Commerce, Bachelor of Science, Bachelor of Arts, Bachelor of Engineering (Honours), Bachelor of Laws, Bachelor of Advanced Science (Honours), Bachelor of Science (Advanced Mathematics) (Honours), Bachelor of Media Arts (Honours)

Dual Award duration: 4 to 5 years.

 This degree is professionally recognised.

Bachelor of Commerce (International) (3558)

Duration: 4 years

Entry: February and July

Estimated first year tuition: A\$37,440

Units of credit (per year/total): 48/192

Assumed knowledge: Maths

Faculty: Business School

This dynamic and innovative degree is designed specifically for students wanting to broaden and enhance their business studies with an understanding of international affairs and key global and development issues. This multi-disciplinary degree allows you to study two commerce majors as well as

studies such as development studies, languages, international relations. You will develop cross-cultural perspectives as well as the business acumen for a career in a rapidly changing global environment.

Majors

Business discipline streams: please refer to Bachelor of Commerce.

International Studies discipline streams:

- Asian Studies
- Development Studies
- European Studies
- Globalisation Studies (This stream is no longer accepting new enrolments)
- History

COMPUTER SCIENCE

Bachelor of Science (Computer Science) (3978)

Duration: 3 years

Entry: February and July

Estimated first year tuition: A\$39,360


Units of credit (per year/total): 48/144

Assumed knowledge: Maths

Faculty: Engineering

Career opportunities

Graduates are employed in a wide range of industries, in government departments and private firms (including software development companies like Microsoft, IBM and Sun Microsystems). They commonly work as programmers and analysts, but some find that working with people in user support, or as a network administrator, is more to their liking.

 This degree is professionally recognised.

Computer science is concerned with the core principles and technologies that make up the entire range of computer-based systems. You will study the principles underlying computer hardware, algorithms, operating systems, networks, databases, graphics and artificial intelligence, and also the practice of building such systems.

CONSTRUCTION MANAGEMENT AND PROPERTY

Bachelor of Construction Management and Property (3332)

Duration: 3 years + 1 year honours option

Entry: February

Estimated first year tuition: A\$34,080

Units of credit (per year/total): 48/144

Assumed knowledge: None

Faculty: Built Environment

The Bachelor of Construction Management and Property provides education and training in the management of property development, construction and design work, construction site and facility operation, and has a strong emphasis on management skills including human resources, organisational behaviour and risk management. You can choose to specialise in building construction, property development, facilities management or quantity surveying.

Career opportunities

As a graduate, you can work as a developer, property consultant, construction manager, project manager, quantity surveyor, or builder.

 This degree is professionally recognised.

Related degrees:

Bachelor of Engineering (Honours) in Civil Engineering - page 47

CRIMINOLOGY

Bachelor of Criminology and Criminal Justice (3422)

Duration: 3 years

Entry: February and July

Estimated first year tuition: A\$30,480

Units of credit (per year/total): 48/144

Assumed knowledge: None

Faculty: Arts & Social Sciences

Criminologists work to reduce crime by better understanding it. Criminologists look at the bigger picture, drawing from disciplines such as psychology, sociology, law, philosophy, cultural studies and history. In this degree you will learn to tackle real world issues such as victimisation, drug related harm, organised crime and community safety. You will be part of a unique cross-faculty program taught by UNSW Arts & Social Sciences and UNSW Law. You will study courses in Criminology, Criminal Law and Social Policy and Research, and elective courses.

Career opportunities

Our graduates can be found working as policy analysts and advisors, research officers, project managers and researchers in private, government and non-government sectors.

+ Combine this degree with:

Bachelor of Laws, Bachelor of Social Work (Honours)

Dual Award duration: 5 to 5.5 years.

DESIGN

Bachelor of Design (Honours) (4809)

Duration: 4 years


Entry: February and July

Estimated first year tuition: A\$30,480

Units of credit (per year/total): 48/192

Assumed knowledge: None

Faculty: Art & Design

 We are ranked 29th in the world for Art and Design / QS World University Rankings by Subject 2016

The Bachelor of Design (Honours) degree program offers an integrated education linking key specialisations of design, such as graphics, communication, objects, environments and spatial design, textiles, ceramics, jewellery, media and technology.

Career opportunities

Graduates find employment in areas including:

- Graphics, media and digital design.
- Interaction design.
- Communications, branding and advertising.
- Design management and strategy.
- Social innovation and entrepreneurship.
- App development, data visualisation and responsive design.
- Creative consultancies, design and media studios, design-led businesses.
- Environmental, spatial, interior and architectural design practices.
- Object, furniture and lighting design.
- Film, television, online and mobile production and post-production.
- Design for exhibitions, galleries and museums.
- Costume, theatre and events design.

- Design teaching and academia.
- Jewellery design.
- Packaging, illustration and publishing.
- Textile, fabric, wearable design and fashion.

+ Combine this degree with:

Bachelor of Commerce, Bachelor of Education (Secondary), Bachelor of Media (Public Relations and Advertising)

Dual Award duration: 5 years

Bachelor of Industrial Design (Honours) (3386)

Duration: 4 years

Entry: February

Estimated first year tuition: A\$34,080

Units of credit (per year/total): 48/192

Assumed knowledge: None

Faculty: Built Environment

Behind many manufactured products and services encountered at home, at work and in the public arena is the creativity, innovation and technical know-how of an industrial designer. Their role is to create attractive and functional products that work in the real world and fulfil a genuine market demand or societal need. Understanding materials, manufacturing technology and user insights within economic, social and environmental contexts in which products are produced, marketed and used is essential.

Career opportunities

As a graduate, you can pursue a career as a product designer within a design consultancy, a multidisciplinary design team (architectural and engineering consultancies), or the manufacturing sector (consumer and public access products – electrical, transport, scientific, medical, retail, furniture, telecommunications), digital multimedia designer, product branding and marketing, packaging designer, exhibition designer or graphic designer.

 This degree is professionally recognised.

ECONOMICS

Bachelor of Economics (3543)

Duration: 3 years
Entry: February and July
Estimated first year tuition: A\$37,440
Units of credit (per year/total): 48/144
Assumed knowledge: Maths
Faculty: Business School



Majors
 In this degree you select at least one economics major:
 • Econometrics
 • Economics
 • Financial Economics

Optional 2nd majors:
 Accounting; Business Law; Finance; Human Resource Management; Information Systems; International Business; Management; Marketing; Real Estate Studies; Taxation.



Career opportunities
 Graduates in the various economics disciplines find employment in many areas of business and government. Specific job tasks can vary enormously,

providing the potential for a challenging and exciting career. Graduates with high qualifications in economics typically work as professional economists. They are sought after by major economic policy government departments, private sector employers and international organisations. Private sector employers include major economic consulting firms, retail and investment banks, and financial service providers.

+ Combine this degree with:

Bachelor of Arts, Bachelor of Education, Bachelor of Laws, Bachelor of Science, Bachelor of Science (Advanced) (Honours), Bachelor of Science (Advanced Mathematics) (Honours)

Dual Award duration: 4 to 6 years.

The Bachelor of Economics is a flexible degree offering you the ability to obtain a strong professional qualification which will develop your analytical and statistical skills. You have the option to study one or two economic majors, or one economics major and a major from the Bachelor of Commerce.

EDUCATION

This degree will prepare you for a fulfilling career as a secondary teacher. As a secondary teacher you will have the ability to influence the way future generations participate in the world. You will experience both the theoretical and practical aspects of education, including 80 days supervision in at least three different high schools. The Bachelor of Education (Secondary) is studied as a dual degree with Arts, Commerce, Design (Honours), Economics, Fine Arts, Media Arts (Honours), Music or Science. You will graduate with two degrees and an accredited pre-service teaching qualification.



Career opportunities
 Our Bachelor of Education (Secondary) is recognised as an initial teaching qualification in both government and non-government schools in Australia and internationally. As it is only offered as a dual degree graduates benefit from further career opportunities in complimentary professions.

★ These degrees are professionally recognised.

★ We are ranked 48th in the world for Education / QS World University Rankings by Subject 2016

Bachelor of Arts/Bachelor of Education (Secondary) (4053)

Duration: 4 years
Entry: February and July
Estimated first year tuition: A\$31,740
Units of credit (per year/total): 48/192
Assumed knowledge: None
Faculty: Arts & Social Sciences



Teaching specialisations
 Drama, English (double or single method), English as an Additional Language or Dialect (EAL/D), Geography, History (double or single method), Aboriginal Studies (Indigenous Studies), Languages (Chinese, French, German, Indonesian, Japanese, Korean, Spanish), Legal Studies, Music Studies (Intensive), Society & Culture.



Career opportunities
 As a graduate, you can work in secondary school teaching in Australia and internationally, as well as in education, corporate training and management.

★ These degrees are professionally recognised.

Bachelor of Commerce/Bachelor of Education (Secondary) (3462)

Duration: 4 years
Entry: February and July
Estimated first year tuition: A\$36,120
Units of credit (per year/total): 48/192
Assumed knowledge: Maths
Faculty: Arts & Social Sciences



Teaching specialisations
 • Business Studies
 • Economics



Career opportunities
 As a graduate, you can work in secondary school teaching in Australia and internationally, as well as in education, corporate training and management.

★ This degree is professionally recognised.

Bachelor of Design (Honours)/Bachelor of Education (Secondary) (4061)

Duration: 5 years
Entry: February and July
Estimated first year tuition: A\$32,160
Units of credit (per year/total): 48/240
Assumed knowledge: None
Faculty: Arts & Social Sciences



Teaching specialisations
 • Graphics & Multimedia Technology
 • Visual Arts (double or single method)



Career opportunities
 As a graduate, you can work in secondary school teaching in Australia and internationally, as well as careers in education, corporate training and design.

★ This degree is professionally recognised.

Bachelor of Economics/Bachelor of Education (Secondary) (4058)

Duration: 4 years
Entry: February and July
Estimated first year tuition: A\$36,120
Units of credit (per year/total): 48/192
Assumed knowledge: Maths
Faculty: Arts & Social Sciences



Teaching specialisations
 • Business Studies
 • Economics



Career opportunities
 As a graduate, you can work in secondary school teaching in Australia and internationally, as well as a variety of careers in education, corporate training and management.

★ This degree is professionally recognised.

Bachelor of Fine Arts/Bachelor of Education (Secondary) (4059)

Duration: 4 years
Entry: February and July
Estimated first year tuition: A\$31,740
Units of credit (per year/total): 48/192
Assumed knowledge: None
Faculty: Arts & Social Sciences



Teaching specialisations
 • Graphics & Multimedia Technology
 • Visual Arts (double or single method)



Career opportunities
 As a graduate, you can work in secondary school teaching in Australia and internationally, as well as careers in education, corporate training and the arts.

★ This degree is professionally recognised.

Bachelor of Media Arts (Honours)/Bachelor of Education (Secondary) (4062)

Duration: 5 years
Entry: February and July
Estimated first year tuition: A\$32,160
Units of credit (per year/total): 48/192
Assumed knowledge: None
Faculty: Arts & Social Sciences



Teaching specialisations
 • Graphics & Multimedia Technology
 • Visual Arts



Career opportunities
 As a graduate, you can work in secondary school teaching in Australia and internationally, as well as careers in education, corporate training and the media arts industry.

★ This degree is professionally recognised.

Bachelor of Music/Bachelor of Education (Secondary) (3446)

Duration: 5 years
Entry: February and July
Estimated first year tuition: A\$32,160
Units of credit (per year/total): 48/240
Assumed knowledge: None
Faculty: Arts & Social Sciences



Teaching specialisations
 • Music (double method only)



Career opportunities
 As a graduate, you can work in the areas of secondary teaching, music administration, music production, broadcasting and recording, performance planning, composing and arranging.

★ This degree is professionally recognised.

Bachelor of Science/Bachelor of Education (Secondary) (4076)

Duration: 4 years
Entry: February and July
Estimated first year tuition: A\$37,560
Units of credit (per year/total): 48/192
Assumed knowledge: Maths and Chemistry plus one of Biology or Earth and Environmental Science or Physics
Faculty: Arts & Social Sciences



Teaching specialisations (double method only)
 • Biology
 • Chemistry
 • Earth Science
 • Mathematics
 • Physics



Career opportunities
 As a graduate you can work in the areas of secondary teaching, as well as a variety of careers in education, corporate training and science.

★ This degree is professionally recognised.

ENGINEERING*

Bachelor of Engineering (Honours) (3707)

Duration: 4 years
Entry: February and July
Estimated first year tuition: A\$39,360
Units of credit (per year/total): 48/144
Assumed knowledge: Maths and Physics
Faculty: Engineering

★ We are No.1 Engineering faculty in Australia / Academic Ranking of World Universities/Shanghai Jiao Tong Ranking in 2015

The Bachelor of Engineering (Honours) is designed to equip you for a career as a professional engineer. We provide you with a solid background in mathematics, natural sciences and computing that will prepare you for learning knowledge and skills in an engineering discipline specialisation. You will get the chance to apply yourself to engineering design and enquiry projects, professional engineering practice, engineering and technical management and conduct research towards your thesis project.

The Bachelor of Engineering (Honours) is a four-year program which is offered in 20 engineering disciplines:

- Aerospace Engineering
- Bioinformatics Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Environmental Engineering
- Geospatial Engineering
- Industrial Chemistry
- Mechanical Engineering
- Mechanical & Manufacturing Engineering
- Mechatronic Engineering
- Mining Engineering
- Naval Architecture
- Petroleum Engineering
- Photovoltaics and Solar Energy
- Renewable Energy Engineering
- Software Engineering
- Surveying
- Telecommunications Engineering

+ Combine this degree with:

Bachelor of Advanced Science (Honours), Bachelor of Arts, Master of Biomedical Engineering, Bachelor of Commerce, Bachelor of Engineering Science, Bachelor of Laws, Bachelor of Music, Bachelor of Science, Bachelor of Science (Computer Science), Bachelor of Science (Advanced Mathematics) (Honours), Bachelor of Surveying (for Civil Engineering only), Master of Electrical Engineering (for Bachelor of Electrical Engineering only), Bachelor of Science (for Civil, Environmental and Mining Engineering only)
Dual Award duration: 5 to 6.5 years.

Related degrees:

Bachelor of Science and Bachelor of Science (Advanced) in various majors - page 59 - 60
 Bachelor of Science (Computer Science) - page 43

Flexible First Year stream
 The Bachelor of Engineering (Honours) program includes a Flexible First Year stream. This stream is designed for those students who wish to study engineering but choose to delay their choice of which branch of engineering to study until the end of Year 1. The first year of engineering study has a common core of courses, plus a wide choice of electives which allows you to study a number of areas that appeal to you without making a formal commitment until the end of your first year. This is ideal for students who know they want to be an engineer, but are unsure which direction to take.

*Students starting an engineering program in semester 2 may be required to complete summer semesters. Contact UNSW Engineering for details.

Bachelor of Engineering (Honours) in Aerospace Engineering

Aerospace engineering is concerned with the science and practice of air and space flight, the design, development, testing and production of aerospace vehicles, the maintenance and operation of aircraft and in aerospace research.



Career opportunities
Graduates find employment in the aerospace design and manufacturing industry including aerospace companies, airlines, defence forces and government regulators.

Bachelor of Engineering (Honours) in Bioinformatics Engineering

The bioinformatics program covers the foundation disciplines of bioinformatics, including biology (biochemistry, molecular biology and genetics), computing (algorithms, databases, programming) and mathematics and statistics. In addition, dedicated bioinformatics courses bring together these various fields to demonstrate the use of computational methods in the analysis of high-throughput biology data including the human genome.



Career opportunities
As a graduate, you can work with biotechnology and pharmaceutical companies, companies in the information and communications technology sector, public sector organisations, public and private research organisations.

Bachelor of Engineering (Honours) in Chemical Engineering

Chemical engineering bridges the study of the chemical and physical sciences with engineering. It involves the operation and optimisation of chemical processes and creates the devices and industrial plants related to chemical, biological and environmental processes.



Career opportunities
Chemical engineers design and operate large-scale chemical process equipment and factories safely, efficiently and in an environmentally responsible manner. They produce a diverse range of materials from fuels and circuit boards to processed foods, life saving pharmaceuticals and filtered clean water. They

also develop alternative energy sources – alcohol and biofuels from crops and efficient ways to utilise solar energy.

We are ranked 33rd in the world for Engineering - Chemical / QS World University Rankings by Subject 2016

Bachelor of Engineering (Honours) in Civil Engineering

The Civil Engineering program provides an extensive knowledge of the broad field of civil engineering – including the design, construction and management of civil infrastructure – and a deeper specialised knowledge of engineering construction management, geotechnical engineering, structural engineering, transport engineering and/or water engineering. It also provides you with the skills necessary for problem solving, critical thinking, sound communication,

teamwork, independent investigation, effective management, and sustainable practice.



Career opportunities
Many civil engineers work in an office environment where they investigate, plan, design and manage projects; others manage and supervise construction projects on site. Employment can be found with specialist consulting firms, construction and contracting companies, large public companies, federal, state

and local government organisations, airport and harbour authorities, project developers, financial and management consultants, and many more.

We are ranked 16th in the world, and 1st in Australia for Engineering - Civil and Structural / QS World University Rankings by Subject 2016

Bachelor of Engineering (Honours) in Computer Engineering

Computer engineering is concerned with the design and construction of reliable and efficient computer based systems. It is especially relevant to systems where either hardware or software is used to control interaction between a computer based system and the real world.



Career opportunities
Computer engineering graduates are ideally suited to jobs involving the development of hardware software systems for communications, electronics or process control, and work in such diverse industries as telecommunications, power, defence, or gaming machines.

Bachelor of Engineering (Honours) in Electrical Engineering

The focus in electrical engineering is on design, development, manufacturing and management of complex hardware and software systems and reliable cost-effective devices, many involving the use of new information and computer-intensive technologies.

The degree includes courses in telecommunications, photonics, systems and control, energy systems, microelectronics and signal processing.



Career opportunities
Potential employers include service industries such as Telstra, Optus and electricity authorities; large private industrial groups, such as Ericsson, Alstrom, BHP, Boeing Australia, Honeywell, Motorola, IBM and Alcatel; small innovative private firms specialising in the application of new technologies to new products and services, in a range of areas such

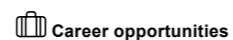
as telecommunications and wireless electronics, internet services and biomedical instrumentation.

We are ranked 43th in the world for Engineering - Electrical / QS World University Rankings by Subject 2016

Bachelor of Engineering (Honours) in Environmental Engineering

The Environmental Engineering program enables graduates to design and manage effective and sustainable solutions using their acquired knowledge of engineering and environmental processes. After grounding in basic science and mathematics, the Environmental Engineering Program will develop skills in project management, design of sustainable

systems, water resource management, transportation economics and project evaluation. Aspects of chemical engineering, applied and biological sciences and environmental studies are also taught.



Career opportunities
Some environmental engineers work in an office environment where they investigate, plan, design and manage projects. Others are involved in field studies working on site. Most manage to combine both office and field work in an exciting, challenging and rewarding career.

*Students starting an engineering program in semester 2 may be required to complete summer semesters. Contact UNSW Engineering for details.

Bachelor of Engineering (Honours) in Geospatial Engineering

This program aims to prepare its graduates for a broad range of career opportunities in the various branches of Surveying. By covering general surveying principles, as well as specialised surveying practice. Specialisation is provided for through the provision of elective courses offered in the third and fourth years of the program and the choice of a targeted final year thesis project often aligned with an external industry partner.



Career opportunities
You could work in land development and planning, cadastral surveying, hydrographic surveying, engineering and mining surveying, precise measurement and positioning, cartography, environmental monitoring and in a variety of geospatial IT industries.

Bachelor of Engineering (Honours) in Industrial Chemistry

Industrial chemistry is the link between research lab chemistry and industrial scale chemical engineering. It requires a broad understanding of both chemistry and chemical engineering concepts. Industrial chemistry focuses on the transition of small scale discoveries into large scale, mass produced products and on optimising chemical processes in the chemical and process industries. Industrial chemistry plays an

important role in the environmental management and control of industrial processes and is the leading science behind improving their safety and efficiency to ensure a clean future.



Career opportunities
As a graduate, you can work in the chemical and process industries as a research scientist, development

chemist, technical representative or as a plant/company manager. Graduates may find employment with pharmaceutical, cosmetic or food industries; mineral processing plants; polymer, new materials, paper, fertiliser and wine making industries or major companies involved in pollution control.

Bachelor of Engineering (Honours) in Mechanical Engineering

Mechanical Engineering uses physics and materials science to analyse, design and manufacture machines and their components. You will learn concepts such as thermodynamics, fluid mechanics and solid mechanics in preparation for the more 'hands on' work in your later years of study.



Career opportunities
Mechanical engineers are involved in a wide variety of essential industries. Graduates may find employment with major companies operating in diverse manufacturing industries such as car building; machine

design and construction companies; consulting companies which provide specialised services such as stress analysis, noise and vibration analysis and building services design and power and water supply companies.

Bachelor of Engineering (Honours) in Mechanical and Manufacturing Engineering

This degree develops your understanding of the planning, development and control of manufacturing or service operations. Manufacturing management engineers apply basic scientific and engineering knowledge predominantly to manufacturing systems, although the analytical fact finding approach of the manufacturing engineer is applicable to almost any business or service enterprise.



Career opportunities
Graduates may find employment with companies involved in product design and development, manufacturing companies of all types, service providers such as banks or forwarding agencies, distribution companies, warehousing and logistics, consulting companies undertaking a variety of tasks

such as the economic analysis of planning and implementation of strategies and technologies.

We are ranked 34th in the world for Engineering - Mechanical, Aeronautical and Manufacturing / QS World University Rankings by Subject 2016

Bachelor of Engineering (Honours) in Mechatronic Engineering

Mechatronic engineers develop skills in mechanical engineering, electrical engineering and computer science. The concepts learned across all of these disciplines enable you to design, construct and control a range of intelligent machines, from robots to flying vehicles.



Career opportunities
Mechatronic engineers can find employment throughout the range of fields which are normally covered by mechanical, electrical and computer engineering. You may find employment with companies which design and manufacture consumer machines;

companies which design, manufacture and install specialised industrial machines; companies whose primary interests relate to mechanical, electrical or computer engineering; and with consulting engineers dealing with complex project management across a range of engineering disciplines.

Bachelor of Engineering (Honours) in Mining Engineering

Mining Engineering is concerned with the planning, designing, operation, management and sustainability of mines. Mining engineers are responsible for the safe, economic and environmentally sound extraction of minerals and resources.



Career opportunities
Mining Engineering offers a diverse graduate career path as a global profession that encompasses a wide range of activities involving technology, people, financial resources, community and government.

Mining engineers are in great demand both locally and internationally and have the opportunity to work in

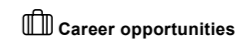
Australia and overseas. UNSW mining graduates are highly sought after by the mining industry, business consulting organisations, service supply companies and government.

We are ranked 16th in the world for Engineering - Mineral and Mining / QS World University Rankings by Subject 2016

Bachelor of Engineering (Honours) in Naval Architecture

In this program, you will be introduced to naval architecture with industry visits to see the design, maintenance and operation of ships first-hand. Naval architecture subjects include hydrostatics and hydrodynamics, ship structures, marine engineering, resistance and propulsion, and contracts and

tendering. In the final year of the degree, you will focus on the design of yachts and high-speed craft, as well as your own ship design project.



Career opportunities
As a graduate, you can work in naval architecture firms and consultancy, government, and offshore engineering projects. Graduates may also find employment in sailing yacht design, ship classification societies and ship owner organisations.

*Students starting an engineering program in semester 2 may be required to complete summer semesters. Contact UNSW Engineering for details.

Bachelor of Engineering (Honours) in Petroleum Engineering

This degree prepares graduates for careers in the production of oil and gas. It involves the application of basic chemistry, physics, mathematics and geology to the development of petroleum and other subsurface energy resources.



Career opportunities

Petroleum engineers have a number of career choices. As a graduate, you can work in oil/gas companies or oil service companies in Australia and internationally.

Work will be a combination of outdoors and office work if you choose this type of career. Working with computer-generated modelling of reservoirs is another type of career.

Bachelor of Engineering (Honours) in Photovoltaics and Solar Energy

UNSW is a world leader in the field of photovoltaic engineering. This degree provides education in photovoltaic (PV) technology development, PV device manufacturing, PV system design and maintenance, and the use of other renewable energy technologies. It also allows for specialisation in a second strand of study.



Career opportunities

Graduates may work globally in all aspects of photovoltaic and renewable energy engineering including: manufacturing, quality control and reliability, computer-aided design of devices and systems, research and education, system design and analysis,

balance of system areas, fault diagnosis and modelling, marketing, policy formation and planning and programs in developing countries.

Bachelor of Engineering (Honours) in Renewable Energy Engineering

Renewable energy engineering encompasses a wide range of renewable energy technologies and their use. The study areas include renewable energy technologies, systems and applications including biomass, complementary technologies, environmental and policy issues, solar architecture, solar thermal systems, photovoltaics and wind generators.



Career opportunities

Graduates may work globally in all aspects of photovoltaic and renewable energy engineering including: manufacturing, quality control and reliability, computer-aided design of devices and systems, research and education, system design and analysis,

balance of system areas, fault diagnosis and modelling, marketing, policy formation and planning and programs in developing countries.

Bachelor of Engineering (Honours) in Software Engineering

The program objective produces graduates who will be able to:

- Undertake the production of high quality software.
- Meet the needs of society for efficient, reliable software over the period of their professional life.
- Make significant contributions to the development and application of computing technology, especially software.
- Take an active part in developing the software engineering profession.



Career opportunities

Graduates have strengths in design techniques and experience in software design and development, which equips them for a wide range of careers. Employment may involve the business sector, which utilises their knowledge and abilities in designing advanced information systems; building technical systems for the medical, power and transport industries; the burgeoning telecommunications area, exploiting, or even developing new network technologies.

cadastral surveying, hydrographic surveying, engineering and mining surveying, precise measurement and positioning, cartography, environmental monitoring and in a variety of geospatial IT industries.

Bachelor of Engineering (Honours) in Surveying

This program aims to prepare a graduate for a broad range of career opportunities in the various branches of Surveying. To this end, the program covers general surveying principles, as well as specialised surveying practice. Specialisation is provided for through the provision of elective courses offered in the third and

fourth years of the program and the choice of a targeted final year thesis project often aligned with an external industry partner.



Career opportunities

You could work in land development and planning,

Bachelor of Engineering (Honours) in Telecommunications Engineering

This program will appeal to you if you are interested in satellite communications; signal and image processing; optical fibres and photonics; mobile and satellite communications; data networks; data coding, compression, encryption and transmission; software systems including e-commerce; microelectronic devices and systems; and real-time embedded systems.



Career opportunities

The demand for graduates of telecommunications is rapidly increasing as the technology advances and broadens its scope. Potential employers include major telecommunications service providers; large private industrial groups such as JDS, Uniphase and Alcatel; smaller service and technology providers, all highly specialised and technologically sophisticated.

Bachelor of Engineering (Honours) / Master of Engineering (Electrical Engineering) (3736)

Duration: 5 years

Entry: February and July*

Estimated first year tuition: A\$39,360

Units of credit (per year/total): 48/240

Assumed knowledge: Maths, Physics

Faculty: Engineering

The School of Electrical Engineering and Telecommunications offers a five year integrated degree program (240 UOC) leading to a Bachelor of Engineering (Honours) and Master of Engineering (BE ME) in Electrical Engineering. The program includes a compulsory 24 UOC minor in a discipline outside the area of electrical engineering and telecommunications. Flexibility and choice are maintained throughout the entire structure by providing many elective courses.

Bachelor of Engineering (Honours) / Master of Biomedical Engineering (3768)

Duration: 5 years

Entry: February

Estimated first year tuition: A\$39,360

Units of credit (per year/total): 48/240

Assumed knowledge: Maths, Physics

Faculty: Engineering

The Bachelor of Engineering (Honours) / Master of Biomedical Engineering dual degree is offered in the following Engineering disciplines:

- Bioinformatics Engineering
- Chemical Engineering
- Computer Engineering
- Electrical Engineering
- Mechanical Engineering
- Mechatronic Engineering
- Software Engineering
- Telecommunications



Career opportunities

Biomedical engineers may seek work in any of the traditional areas associated with their chosen Bachelor of Engineering discipline and also in public and private medical research laboratories, the medical device industry, hospitals, universities, health care management, and the bioprocessing, biomechanical and biotechnology industries.

★ This degree is professionally recognised.

Bachelor of Engineering (Civil Engineering with Architecture) (3635)

Duration: 4 years

Entry: February

Estimated first year tuition: A\$39,360

Units of credit (per year/total): 48/192

Assumed knowledge: Maths, Physics

Faculty: Engineering

The civil engineering program with architecture includes courses from UNSW Built Environment in architectural communications, design and history as well as providing a thorough grounding in basic science, mathematics and civil engineering courses – in engineering construction, mechanics, operations and control, materials and structures, and water engineering. As a result, you will receive a broad

effective knowledge of civil engineering as well as the mathematical ability to challenge the traditional boundaries of structural design and be well qualified to collaborate with architects to produce integrated, sustainable design.

ENVIRONMENTAL MANAGEMENT

Bachelor of Environmental Management (3965)

Duration: 3 years

Entry: February and July

Estimated first year tuition: A\$39,360

Units of credit (per year/total): 48/144

Assumed knowledge: Maths and Chemistry

Faculty: Science



Majors

- Biology
- Earth Science
- Ecology
- Environmental Chemistry
- Geography
- Marine Science

+ Combine this degree with:

Bachelor of Arts (4.5 years)

Related degrees:

Bachelor of Arts - page 41

Bachelor of Engineering (Honours) in Environmental Engineering - page 47

Bachelor of Engineering (Honours) in Photovoltaics and Solar Energy - page 49



Career opportunities

Graduates are often employed by federal and state agencies, local government, business, non-profit organisations and universities. Some examples of job opportunities include Environmental Consultants, Research Assistants, Science Communication Officers, Environmental Educators, Geologists, Museum Curators, and Conservation Managers. Graduates may continue to pursue postgraduate study and research, which can lead to fulfilling careers in research, teaching and scientific leadership.

This degree will provide you with the skills and knowledge necessary to work or carry out research as an environmental scientist. You will consider the scientific aspects of the environment within the general context of the policy and legal framework of environmental regulations, as well as economic and social dimensions of environmental policy and management.

FINE ARTS

Bachelor of Fine Arts (Honours) (4814)

Duration: 4 years

Entry: February and July

Estimated first year tuition: A\$30,480

Units of credit (per year/total): 48/192

Assumed knowledge: None

Faculty: Art & Design



Career opportunities

UNSW Art & Design's BFA equips students with transferable skills and insights, so that graduates find employment across the creative and cultural industries including:

- Advertising, Art Direction and Communication
- Arts And Cultural Administration and Policy Making
- Arts Education and Training
- Commercial and News Photography
- Curating and Program Management in Festivals, Museums, Galleries and Public Spaces
- Arts Writing, Publishing and Criticism
- Exhibition Planning, Design and Installation

- Entertainment, Media and Technology Industries
- Theatre, Film and Television Production
- Urban Planning, Site Activation and Public Art
- Practising artist in your field of expertise

+ Combine this degree with:

Bachelor of Arts, Bachelor of Commerce, Bachelor of Education (Secondary), Bachelor of Laws, Bachelor of Science, Bachelor of Advanced Science (Honours)

Dual Award duration: 4 to 5 years.

*Students starting an engineering program in semester 2 may be required to complete summer semesters. Contact UNSW Engineering for details.

FOOD SCIENCE AND TECHNOLOGY

Bachelor of Food Science (Honours) (3061)

Duration: 4 years
Entry: February and July
Estimated first year tuition: A\$39,360
Units of credit (per year/total): 48/192
Assumed knowledge: Maths and Chemistry
Faculty: Engineering

The UNSW Bachelor of Science (Honours) in food science is designed to equip you for a career as a professional food scientist. We provide you with a solid background in mathematics, natural and applied sciences that will prepare you for learning knowledge and skills in a food science specialisation. You will get the chance to apply yourself to food product design

and enquiry projects, professional food practice, food systems management and conduct research towards your thesis project.

Majors


- Food Science and Technology
- Food Science and Nutrition

INFORMATION SYSTEMS

Bachelor of Information Systems (3979)

Duration: 3 years
Entry: February and July
Estimated first year tuition: A\$37,440
Units of credit (per year/total): 48/144
Assumed knowledge: Maths
Faculty: Business School

The Bachelor of Information Systems is a business degree offered by UNSW Business School. Digital technology has already transformed the way we buy, interact, share and search for information. Future global productivity will continue to be driven by these innovations. Organisations today rely on information technology not only to effectively run their businesses but to drive the innovations that will safeguard their future in a competitive global environment.


 This degree is professionally recognised.

Combine this degree with:

Bachelor of Commerce/Bachelor of Information Systems (4 years)

Related degree:

Bachelor of Commerce with major in Information Systems - page 43

 We are ranked 35th in the world for Computer Science and Information Systems / QS World University Rankings by Subject 2016

INTERNATIONAL STUDIES AND LANGUAGES

Bachelor of International Studies (3424)

Duration: 4 years
Entry: February and July
Estimated first year tuition: A\$32,160
Units of credit (per year/total): 48/144
Assumed knowledge: None
Faculty: Arts & Social Sciences

This degree challenges you to examine the dynamics of global and regional change, explore key developments in international politics and economics, and evaluate why the world is changing around us. You will be equipped to understand changes to the nature of sovereignty, nationalism, conflict, humanitarian aid and movements of people across the globe. You will study your choice of major stream, core courses and will also have the opportunity to learn through experience as you live and study in another country outside Australia.

Career opportunities

International Studies graduates are prepared for careers in the global market. They are found working worldwide in areas including: business, government agencies (such as the Department of Foreign Affairs and Trade), investment banks, and other financial institutions, non-government organisations, the United Nations, journalism and media, tourism and trade, and diplomacy.

Combine this degree with:

Bachelor of Laws, Bachelor of Media (Communication and Journalism), Bachelor of Media (Public Relations and Advertising), Bachelor of Media (Screen and Sound Production)

Dual Award duration: 5 to 6 years.

Majors

- Asian Studies
- Development Studies
- European Studies
- International Business
- International Relations
- Language Studies

Diploma in Language Studies (3417)

Duration: 3 years
Entry: February and July, depending on proficiency
Estimated first year tuition: A\$30,480 (based on studies starting in current and over three years of concurrent studies)
Units of credit (per year/total): 48/192
Assumed knowledge: None
Faculty: Arts & Social Sciences


This Diploma enables students from any faculty to undertake the study of a language concurrently with their main degree. You study a major sequence in a language to obtain the diploma. Languages available are: Chinese, French, German, Japanese, Korean and Spanish. If you opt to take the Diploma with your main degree you should be aware that to complete your studies there will be additional fees.

Note: This program is only available to international students as a concurrent program and must be completed within the same overall time period as the undergraduate degree program. The Diploma in Language Studies cannot be used for the purpose of obtaining a student visa by international students.

LAW

For over 40 years, UNSW Law has been setting the pace in legal education in Australia. We offer 25 undergraduate dual degree programs for students with no existing degree.

The skills you will gain at UNSW Law are highly transferable. Employers seek out our graduates for their critical thinking and analytical skills. When it comes to your career, there will be any number of options available to you.

 We are ranked 13th in the world for Law / QS World University Rankings by Subject 2016

Career opportunities

We prepare our students not only for successful careers in the law, as a solicitor or barrister, but for successful careers in business, the arts, media, engineering and government organisations.

Many solicitors act as general practitioners of law, with an increasing number specialising in particular areas of the law (for example, commercial law, criminal law or industrial law).

Many private and public sector institutions now employ their own lawyers, and extensive opportunities exist within regulatory and law enforcement agencies as well as the various branches of government.

Professional recognition

You should check with the legal education authority in your home country regarding recognition of UNSW Law degrees for registration purposes. To become admitted as a legal practitioner in New South Wales (NSW), you will also need to satisfy the requirements of the NSW Legal Profession Admission Board (www.lpab.justice.nsw.gov.au). Certificates to practise as a barrister or solicitor are granted by the NSW Bar Association and the Law Society respectively.

Note: You should be aware that the summer clerkship positions offered to students in their second last year of study are generally only made available to citizens and permanent residents of Australia.

Bachelor of Actuarial Studies/Bachelor of Laws (4737)

Duration: 5 years
Entry: February

Estimated first year tuition: A\$37,380
Units of credit (per year/total): 48/240

Assumed knowledge: None for Law. Please refer to single degree listing.
Faculty: Law

Bachelor of Arts/Bachelor of Laws (4782)

Duration: 5 years
Entry: February

Estimated first year tuition: A\$30,660
Units of credit (per year/total): 48/240

Assumed knowledge: None for Law. Please refer to single degree listing.
Faculty: Law

Bachelor of Arts and Business/Bachelor of Laws (4783)

Duration: 6 years
Entry: February

Estimated first year tuition: A\$33,960
Units of credit (per year/total): 48/288

Assumed knowledge: None for Law. Please refer to single degree listing.
Faculty: Law

Bachelor of Art Theory/Bachelor of Laws (4703)

Duration: 5 years
Entry: February

Estimated first year tuition: A\$32,160
Units of credit (per year/total): 48/240

Assumed knowledge: None for Law. Please refer to single degree listing.
Faculty: Law

Bachelor of City Planning (Honours)/Bachelor of Laws (4706)

Duration: 6.5 years
Entry: February

Estimated first year tuition: A\$34,740
Units of credit (per year/total): 48/312

Assumed knowledge: None for Law. Please refer to single degree listing.
Faculty: Law

Bachelor of Commerce/Bachelor of Laws (4733)

Duration: 5 years
Entry: February

Estimated first year tuition: A\$37,380
Units of credit (per year/total): 48/240

Assumed knowledge: None for Law. Please refer to single degree listing.
Faculty: Law

Bachelor of Criminology and Criminal Justice/Bachelor of Laws (4763)

Duration: 5 years
Entry: February

Estimated first year tuition: A\$32,160
Units of credit (per year/total): 48/240

Assumed knowledge: None for Law. Please refer to single degree listing.
Faculty: Law

Bachelor of Economics/Bachelor of Laws (4744)

Duration: 5 years
Entry: February

Estimated first year tuition: A\$37,380
Units of credit (per year/total): 48/240

Assumed knowledge: None for Law. Please refer to single degree listing.
Faculty: Law

Bachelor of Engineering (Honours)/Bachelor of Laws (3765)

Duration: 6.5 years	<ul style="list-style-type: none"> • Aerospace Engineering • Bioinformatics Engineering • Chemical Engineering • Civil Engineering • Computer Engineering • Electrical Engineering • Environmental Engineering • Geospatial Engineering • Industrial Chemistry • Mechanical Engineering 	<ul style="list-style-type: none"> • Mechanical and Manufacturing Engineering • Mechatronic Engineering • Mining Engineering • Naval Architecture • Petroleum Engineering • Photovoltaics and Solar Energy • Renewable Energy Engineering • Software Engineering • Telecommunications Engineering
Entry: February		
Estimated first year tuition: A\$38,820		
Units of credit (per year/total): 48/312		
Assumed knowledge: None for Law. Please refer to single degree listing.		
Faculty: Law		
This dual degree is offered in the following Engineering disciplines:		

Bachelor of Fine Arts/Bachelor of Laws (4704)

Duration: 5 years	Estimated first year tuition: A\$32,160	Assumed knowledge: None for Law. Please refer to single degree listing.
Entry: February	Units of credit (per year/total): 48/240	Faculty: Law

Bachelor of International Studies/Bachelor of Laws (4765)

Duration: 6 years (including 2 semesters outside Australia)	Estimated first year tuition: A\$33,210	Assumed knowledge: None for Law. Please refer to single degree listing.
Entry: February	Units of credit (per year/total): 48/288	Faculty: Law

Bachelor of Media (Communication and Journalism)/Bachelor of Laws (4753)

Duration: 5 years	Estimated first year tuition: A\$32,160	Assumed knowledge: None for Law. Please refer to single degree listing.
Entry: February	Units of credit (per year/total): 48/240	Faculty: Law

Bachelor of Media (Public Relations and Advertising)/Bachelor of Laws (4751)

Duration: 5 years	Estimated first year tuition: A\$32,160	Assumed knowledge: None for Law. Please refer to single degree listing.
Entry: February	Units of credit (per year/total): 48/240	Faculty: Law

Bachelor of Media (Screen and Sound Production)/Bachelor of Laws (4752)

Duration: 5 years	Estimated first year tuition: A\$32,160	Assumed knowledge: None for Law. Please refer to single degree listing.
Entry: February	Units of credit (per year/total): 48/240	Faculty: Law

Bachelor of Medicinal Chemistry (Honours)/Bachelor of Laws (4755)

Duration: 6.5 years	Estimated first year tuition: A\$38,820	Assumed knowledge: None for Law. Please refer to single degree listing.
Entry: February	Units of credit (per year/total): 48/288	Faculty: Law

Bachelor of Music/Bachelor of Laws (4774)

Duration: 6 years	Estimated first year tuition: A\$34,680	Assumed knowledge: None for Law. Please refer to single degree listing.
Entry: February	Units of credit (per year/total): 48/312	Faculty: Law

Bachelor of Psychological Science/Bachelor of Laws (4722)

Duration: 5 years	Estimated first year tuition: A\$38,820	Assumed knowledge: None for Law. Please refer to single degree listing.
Entry: February	Units of credit (per year/total): 48/240	Faculty: Law

Bachelor of Psychology (Honours)/Bachelor of Laws (4721)

Duration: 6 years	Estimated first year tuition: A\$38,820	Assumed knowledge: None for Law. Please refer to single degree listing.
Entry: February	Units of credit (per year/total): 48/288	Faculty: Law

Bachelor of Science/Bachelor of Laws (4770)

Duration: 5 years	Estimated first year tuition: A\$38,820	Assumed knowledge: None for Law. Please refer to single degree listing.
Entry: February	Units of credit (per year/total): 48/240	Faculty: Law

Bachelor of Advanced Science (Honours)/Bachelor of Laws (3997)

Duration: 6 years	Estimated first year tuition: A\$38,820	Assumed knowledge: None for Law. Please refer to single degree listing.
Entry: February	Units of credit (per year/total): 48/288	Faculty: Law

Bachelor of Science (Advanced Mathematics) (Honours)/Bachelor of Laws (3998)

Duration: 6 years	Estimated first year tuition: A\$38,820	Assumed knowledge: None for Law. Please refer to single degree listing.
Entry: February	Units of credit (per year/total): 48/288	Faculty: Law

Bachelor of Science (Computer Science)/Bachelor of Laws (3984)

Duration: 5 years	Estimated first year tuition: A\$38,820	Assumed knowledge: None for Law. Please refer to single degree listing.
Entry: February	Units of credit (per year/total): 48/240	Faculty: Law

Bachelor of Science and Business/Bachelor of Laws (4772)

Duration: 6 years	Estimated first year tuition: A\$38,820	Assumed knowledge: None for Law. Please refer to single degree listing.
Entry: February	Units of credit (per year/total): 48/288	Faculty: Law

Bachelor of Social Research and Policy/Bachelor of Laws (4771)

Duration: 5.5 years	Estimated first year tuition: A\$32,160	Assumed knowledge: None for Law. Please refer to single degree listing.
Entry: February	Units of credit (per year/total): 48/264	Faculty: Law

Bachelor of Social Work (Honours)/Bachelor of Laws (4787)

Duration: 6.5 years	Estimated first year tuition: A\$33,270	Assumed knowledge: None for Law. Please refer to single degree listing.
Entry: February	Units of credit (per year/total): 48/312	Faculty: Law

NOTE: UNSW Law continually enhances their program offerings to ensure students have the most comprehensive dual degree options available to them. Please check the Law website for up-to-date dual degree listings as they are confirmed: law.unsw.edu.au/ugprograms

LIFE SCIENCES

Bachelor of Life Sciences (3966)

Duration: 3 years
Entry: February and July
Estimated first year tuition: A\$39,360
Units of credit (per year/total): 48/144
Assumed knowledge: Mathematics, plus one of Biology or Chemistry
Faculty: Science

The Bachelor of Life Sciences will satisfy your innate curiosity about life, from the way things work at the molecular level, to the study of entire ecosystems. Life Science underpins health and environmental science. Discoveries in the life sciences are integral to the advancement of our world and society.

As a graduate, you will leave equipped to enter a wide range of interesting and rewarding careers, both in and beyond the sphere of the life sciences. Besides

the many employment opportunities, the degree is a useful pathway to postgraduate study, especially in health and medical fields.

The Bachelor of Life Sciences allows you to undertake a wide range of complementary studies. You can also use your studies as a transfer into almost any other degree. Those students who excel in life sciences can undertake an Honours research year in a related field after completing their degree.

Major discipline areas include:

- Anatomy
- Biology
- Biological Chemistry
- Biotechnology
- Ecology
- Genetics
- Marine Science
- Microbiology

- Molecular and Cell Biology
 - Pathology
 - Pharmacology
 - Physiology
 - Psychology*
- *Please refer to the Bachelor of Psychology for further information on professional recognition

The availability of majors may be subject to periodical review. Please visit the Faculty of Science website for updates: science.unsw.edu.au

Career opportunities

Graduates are expected to find employment in a variety of fields in science and pursue employment in health, agriculture, medicine and the pharmaceutical and food science industries. Alternatively, graduates may continue to pursue postgraduate study and research, which can lead to fulfilling careers in research, teaching and scientific leadership.

MATERIALS SCIENCES

Bachelor of Engineering (Honours) in Materials Science and Engineering (3131)

Duration: 4 years
Entry: February and July
Estimated first year tuition: A\$39,360
Units of credit (per year/total): 48/192
Assumed knowledge: Maths, Physics
Faculty: Science

Materials science and engineering is a broad-ranging discipline, which applies the principles of science and engineering to the development of metallic, ceramic

and polymeric materials, their manufacture into finished products and their subsequent performance in service. Major areas of study are physical metallurgy, process metallurgy, materials engineering and ceramic engineering.

Career opportunities

As a materials science and engineering graduate, you can find employment with primary production industries, research and development in industrial laboratories or research institutions, consultants, the

materials producing industries, utilities (such as power generators, railways and airlines) or the manufacturing sector.

This degree is professionally recognised.

Combine this degree with:

Bachelor of Engineering (Honours) in Chemical Engineering, Bachelor of Commerce, Master of Biomedical Engineering

Dual Award duration: 5 to 5.5 years.

MEDIA ARTS

Bachelor of Media Arts (Honours) (4816)

Duration: 4 years
Entry: February and July
Estimated first year tuition: A\$30,480
Units of credit (per year/total): 48/192
Assumed knowledge: None
Faculty: Art & Design

Bachelor of Media Arts (Honours) is four years full-time study, designed to meet industry demand for creative practitioners and content developers who possess multiple skills and breadth of knowledge in media arts including video making, sound, web design, digital imaging, 3D modelling, animation, and critical and creative thinking within the domain of digital media.

Career opportunities

The Bachelor of Media Arts (Honours) produces creative content developers with sound technical and problem solving skills and the ability to work creatively and collaboratively across a diverse and wide range of disciplines in the creative media world. As a graduate, you will be a lead player in the cultural, digital, entertainment, creative media and technology industries with strengths in creative design and technical innovation.

Our graduates find employment in areas including:

- Animation Design and Production
- Digital Publishing and Communications
- Video, Online and Mobile Media
- Interaction, User-Experience and Environments

- Game Development and Production
- Digital Strategy
- Film, Television, Online and Mobile Production
- Multiplatform Media Development and Production
- Production Management and Development
- Sound Design, Composition and Production
- Scientific Imaging and Visualization
- Media Strategy and Planning
- Entrepreneurship, Innovation and Digital Media Startups

Combine this degree with:

Bachelor of Science (Computer Science), Bachelor of Education (Secondary)

Duration of Dual Award Degree programs is 5 years.

MEDIA AND COMMUNICATION

Bachelor of Media (Communication and Journalism) (3429)

Duration: 3 years
Entry: February and July
Estimated first year tuition: A\$30,480
Units of credit (per year/total): 48/144
Assumed knowledge: None
Faculty: Arts & Social Sciences

We are ranked 40th in the world for Communication and Media Studies / QS World University Rankings by Subject 2016

This degree will provide you with skills and knowledge in storytelling across all forms of journalism and communication including news reporting, mobile media and digital media. You will study media core courses, communication & journalism courses and elective courses. You will learn through experience as you undertake a media internship or portfolio.

Career opportunities

The Bachelor of Media (Communication and Journalism) prepares you for a career in journalism and professional communications across a range of contemporary platforms. Graduates have the skills to pursue a career in corporate organisational and

public sector communication. Career options include: Journalism (online, print, broadcast), corporate communications, media account management, internal communications, corporate affairs, media relations and social media.

Combine this degree with:

Bachelor of International Studies, Bachelor of Music, Bachelor of Laws

Dual Award duration: 4 to 5 years.

Related degrees:

Bachelor of Arts with major in Media, Culture and Technology - page 41

Bachelor of Media (Public Relations and Advertising) (3434)

Duration: 3 years
Entry: February and July
Estimated first year tuition: A\$30,480
Units of credit (per year/total): 48/144
Assumed knowledge: None
Faculty: Arts & Social Sciences

This degree will teach you to be a persuasive influencer. You will learn practical skills to represent and promote companies, governments, agencies, individual clients and brands. You will study media core courses, public

relations and advertising core courses and elective courses and will learn through experience as you undertake a media internship or portfolio.

Career opportunities

Bachelor of Media (Public Relations and Advertising) graduates have advanced skills and knowledge in professional work relevant to public relations, media relations and organisational communication. Career options include: Public relations, advertising and account management, advertising creative services, corporate affairs, media relations, social media, and communications.

Combine this degree with:

+ Bachelor of Media (Public Relations and Advertising), Bachelor of Design (Honours), Bachelor of International Studies, Bachelor of Music
Dual Award duration: 4 to 5 years.

Related degrees:

Bachelor of Arts - page 41

Bachelor of Media (Screen and Sound Production) (3438)

Duration: 3 years
Entry: February and July
Estimated first year tuition: A\$30,480
Units of credit (per year/total): 48/144
Assumed knowledge: None
Faculty: Arts & Social Sciences

In this degree you will develop fundamental skills in video and sound production, screenwriting, animation and game design. You will study media core courses,

screen and sound core courses and elective courses and will learn through experience as you undertake a media internship or portfolio.

Career opportunities

The Bachelor of Media in Screen and Sound Production develops practical, creative and conceptual skills in screen and sound-based media with a sophisticated understanding of the theoretical and industry environments of contemporary film and media. Your knowledge and professional skills will

prepare you for careers in a wide range of media and communication, audio-visual, music, film and media industries.

Combine this degree with:

Bachelor of International Studies, Bachelor of Music
Dual Award duration: 4 to 5 years.

Related degrees:

Bachelor of Arts – page 41

MEDICINE

Bachelor of Medical Studies/Doctor of Medicine (3805)

Duration: 6 years
Entry: February
Estimated first year tuition: A\$62,640
Units of credit (per year/total): 48/288
Assumed knowledge: Chemistry and English
Faculty: Medicine

We are ranked 46th in the world for Medicine / QS World University Rankings by Subject 2016

This six-year integrated medicine program which leads to the awards of Bachelor of Medical Studies (BMed) and Doctor of Medicine (MD) includes a compulsory independent learning project (30 UOC) to ensure that all graduates acquire knowledge of research principles and methods applicable to medicine and its professional practice. If you have achieved a high standard in the BMed you may undertake a one year program of supervised research leading to the award of the BSc (Med) Honours.

The program is organised into two degrees: **BACHELOR OF MEDICAL STUDIES (BMed)** The BMed includes Phase 1 and Phase 2. Phase 1 commences with the foundations course, followed by seven eight-week courses focusing on basic medical sciences in relation to the human life cycle; social, ethical and legal issues related to health care; and early experience in clinical or other health-related environments. During this phase, you will undertake

a variety of learning activities involving students from different stages of the program working collaboratively in small groups.

Phase 2 consists of two 16-week courses, with increased clinical content and an emphasis on correlation between prior and current learning.

DOCTOR OF MEDICINE (MD)

The MD includes the independent learning project (ILP), followed by a clinical transition course prior to the Phase 3 courses. During the independent learning project students should also complete 12 UOC of general education courses in a faculty or faculties other than Medicine.

Phase 3 consists of 10 eight-week courses with a clinical focus, but still includes relevant content from the basic medical sciences and the social sciences. You are required to complete a course in the disciplines of internal medicine, surgery, psychiatry, primary care, obstetrics and gynaecology and children's health (paediatrics). You may choose from a range of other available clinical modules to complete Phase 3 requirements. All clinical courses in Phase 3 adopt the principles of clinical clerkship, in which you learn through experience and participation in the treatment of patients under the care of medical practitioners and/or medical teams to which you are attached.

In all phases of the program, you will be required to travel to various clinical environments associated with UNSW, which will be the predominant locations for

learning in Phases 2 and 3. These locations include clinical schools associated with St Vincent's Hospital, Darlinghurst; St George Hospital, Kogarah; Sutherland Hospital; the Randwick Campus Hospitals; various locations in the South Western Sydney Clinical School based around Liverpool. Throughout the program, you may be attached to multiple sites.

Students wishing to undertake a full year of research may be able to enrol in the BSc (Med) Honours program (3831) subject to the approval from the Honours Committee. These students will be exempt from undertaking the independent learning project. Exemption from the independent learning project will also be granted to students who have previously completed a research honours program or higher research degree, or a Master degree.

Professional recognition

After completing formal program requirements for the award of the BMed MD degrees, you will be provisionally registered by the Medical Board of Australia to work for at least one year in selected hospitals before obtaining final registration as a medical practitioner. International graduates are not guaranteed an internship and should check with state health departments to confirm internship availability. Although the UNSW Medicine degree is recognised internationally, many countries require foreign graduates to sit a licensing examination to ensure the doctor understands the local health problems and health care systems prior to practicing.

Application process for UNSW Medicine—Bachelor of Medical Studies/Doctor of Medicine for International Students (does NOT apply to Medical Science program)			
	Details	Closing Date	Australian or New Zealand HSC or International Baccalaureate
Step 1	University Application Form – apply through Universities Admissions Centre www.uac.edu.au	30 Sep	●
OR	All other applicants – apply through UNSW Admissions apply.unsw.edu.au	30 Nov (1)	●
Step 2	International Student Admission Test – apply and sit ISAT www.isat.acer.edu.au	Mid Nov (2) check ISAT website to confirm 2016 dates	● ●
Step 3	Medicine Application Form – complete online at med.unsw.edu.au	30 Nov (2)	● ●
Step 4	Selected students will be offered a Skype or telephone interview		● ●
Step 5	Offer of a place – Offers will be made once academic, ISAT and interview results are all available		● ●

(1) Applicants should apply earlier if possible, as places may fill prior to the closing date.
 (2) ISAT tests are held from March until November. ISAT test result must be available before 30 November at the latest, however, earlier application is strongly recommended.

Bachelor of Exercise Physiology (3871)

Duration: 4 years
Entry: February
Estimated first year tuition: A\$39,630
Units of credit (per year/total): 48/192
Assumed knowledge: Maths and Chemistry
Faculty: Medicine

The program offers a comprehensive education in the area of health and exercise with a focus on the use of physical activity as preventative and rehabilitative therapy. Four years of full-time study leads to the award of a Bachelor of Exercise Physiology. A total of 192 units of credit must be successfully completed for the

award of this degree. As a graduate, you can expect to find employment as an exercise physiologist in rehabilitation clinics and hospitals working in post-acute rehabilitation, sports medicine clinics, corporate health, specialised fitness centres, government departments establishing policy guidelines regarding physical activity and preventative health, and private practice for rehabilitation/exercise prescription for people requiring specialist guidance (for example, workplace rehabilitation).

Career opportunities
 Exercise physiologists are employed in rehabilitation clinics and hospitals working in post-acute rehabilitation, aged care, sports medicine clinics,

corporate health and private practice for rehabilitation/exercise prescription for people requiring specialist guidance (for example workplace rehabilitation departments). The degree also provides excellent preparation to apply for graduate degrees in nutrition, physiotherapy and other allied-health professions, or research higher degrees (Masters or PhD).

★ This degree is professionally recognised.

Related degrees:
 Bachelor of Science with majors in anatomy, biochemistry and molecular biology, chemistry, genetics and molecular genetics, microbiology, pathology, physics, physiology and pharmacology - page 59
 Bachelor of Advanced Science (Honours) - page 60

MEDICAL SCIENCE

Bachelor of Medical Science (3991)

Duration: 3 years
Entry: February
Estimated first year tuition: A\$39,360
Units of credit (per year/total): 48/144
Assumed knowledge: Maths and Chemistry
Faculty: Science

Medical science underpins the practice of medicine. It incorporates the study of structure and chemistry of the cells that make up living organisms (cell and molecular

biology and biochemistry) with particular reference to humans, and specifically of the structure and function of the human body (anatomy and physiology). It then deals with the general processes leading to disease (pathology), the role of bacteria, viruses and other micro-organisms in disease (microbiology) as well as drugs which are used to cure human diseases (pharmacology). Other areas available for study include the way in which our form and function is inherited (genetics), the processes of development from the fertilised ovum (embryology), the natural defences of the body (immunology) and the study of the structure and function of the brain (neuroscience).

Career opportunities
 The Bachelor of Medical Science is an excellent starting point for postgraduate study in medicine and paramedical fields, or a career in biomedical science, health policy and management, medical journalism or a variety of positions in pharmaceutical and other industries related to the medical field.

Related degrees:
 Bachelor of Science - page 59
 Bachelor of Advanced Science (Honours) - page 60

MEDICINAL CHEMISTRY

Bachelor of Medicinal Chemistry (Honours) (3999)

Duration: 4 years
Entry: February
Estimated first year tuition: A\$39,360
Units of credit (per year/total): 48/192
Assumed knowledge: Maths and Chemistry
Faculty: Science

The Bachelor of Medicinal Chemistry encompasses all

aspects of new drug design and development from the initial concept and design of drug candidates, planning and execution of their synthesis including scale-up where larger quantities are needed, biological testing and the study of biochemical effects and regulatory and ethical matters.

Career opportunities
 Medicinal chemistry graduates are in demand for employment in the pharmaceutical and biotechnology industries. As a graduate, you will be equipped with

skills in modern molecular biology and pharmacology. These skills are underpinned with a comprehensive background in chemistry with relevant synthetic skills necessary for synthesising complex drug candidates. You can also find employment opportunities within the research, government, management, legal and education sectors.

+ **Combine this degree with:**
 Bachelor of Laws (6.5 years)

MUSIC

Bachelor of Music (3436)

Duration: 4 years
Entry: February
Estimated first year tuition: A\$32,160
Units of credit (per year/total): 48/192
Assumed knowledge: Audition/Interview required
Faculty: Arts & Social Sciences

As a UNSW music student you will benefit from our innovative courses, purpose built facilities, diverse performance opportunities and teaching from leading academics in the field. You will complete core courses in music performance, musicianship and musicology; your choice of a specialist music stream; extensive training in ensemble skills and professional practices; and electives.

Music Streams
 Music Creative Practice - Develop high-level performance and/or compositional skills

Music Enquiry - Studies in historical musicology, ethnomusicology, and the psychology of music

Sonic Arts - Develop foundational technical, aesthetic, and theatrical skills in sound

Music Pedagogy - Specialist study in studio music teaching and preparation for further music education studies

Career opportunities
 Our graduates are highly skilled musicians with specialist knowledge and practical skills in music cognition, analysis and performance. Career options include: Performance,

teaching, broadcasting, arts administration, arts management, composition, conducting, arts advocacy, music recording and film industries, research, and arts journalism.

+ **Combine this degree with:**
 Bachelor of Arts, Bachelor of Commerce, Bachelor of Education (Secondary), Bachelor of Engineering (Honours), Bachelor of Law, Bachelor of Media (Communications and Journalism), Bachelor of Media (Public Relations and Advertising), Bachelor of Media (Screen and Sound Production), Bachelor of Science, Bachelor of Advanced Science (Honours)

Dual Award duration: 5 to 6.5 years.

NANOSCIENCE

Bachelor of Nanoscience (Honours) (3618)

Duration: 4 years
Entry: February and July (will require summer semester after first semester of study)
Estimated first year tuition: A\$39,360
Units of credit (per year/total): 48/192
Assumed knowledge: Maths, Chemistry and Physics
Faculty: Science

Nanotechnology is the science of understanding the structure and behaviour of materials at the atomic and molecular level. Through an understanding of how to manipulate atoms and molecules, it is possible to create devices and machines with unique properties and applications.

Career opportunities
 Nanoscience is an emerging growth industry worldwide. Well known producers of nanotech devices and materials include the CSIRO, Adidas, Daewoo, IBM, Intel, L'Oreal, Microsoft, and Samsonite. Graduates will be equipped with a range of skills, which allow them to think critically and problem solve. They will be qualified to pursue a range of careers in academic research or development in the science and technology sector.

OPTOMETRY

Bachelor of Optometry (Honours)/Bachelor of Science (3952)

Duration: 5 years
Entry: February
Estimated first year tuition: A\$39,360
Units of credit (per year/total): 48/240
Assumed knowledge: Math, Chemistry, Physics and English (Advanced)
Faculty: Science*

This program is currently under review with changes planned for 2017.

Optometry combines the theoretical discipline of vision science with the clinical art of primary eye care. It includes the optics of lenses, the physiology of the eye, the psychophysics of vision and the neuroscience of the brain. Optometry includes the diagnosis and management of ocular disease, the dispensing of spectacles and contact lenses, the management of people with special needs (for example, children or people with low vision), sports vision and vision in the workplace. Graduates of this degree will be able to register as an optometrist in Australia.

Career opportunities
 The majority of the graduates go on to become accredited optometrists in Australia, New Zealand and most parts of Asia, specialised in clinical practice, paediatric optometry, contact lenses, public health, sports vision, low vision rehabilitation or behavioural optometry. Other job opportunities are available in a wide range of public and private sector areas that specialise in primary eye care, optical devices and technologies, teaching, and scientific research in vision and ophthalmology.

★ This degree is professionally recognised.

PROFESSIONAL PRACTICE

Diploma of Professional Practice (7018)

Duration: 1 year
Entry: February and July
Estimated first year tuition: A\$29,520
Units of credit (per year/total): 48
Assumed knowledge: None

The Diploma of Professional Practice provides you with formal, structured work-based opportunities to systematically reflect upon and develop your knowledge, skills and capabilities as a global citizen, leader and professional practitioner. On completion of the diploma, you should have developed a deeper

understanding of, and capability for, leadership, and professional practice in an international community.

This program can only be studied after completion of your Bachelor degree at UNSW.

PSYCHOLOGY

Bachelor of Psychology (Honours) (3632)

Duration: 4 years
Entry: February
Estimated first year tuition: A\$39,360
Units of credit (per year/total): 48/192
Assumed knowledge: Maths
Faculty: Science

★ We are ranked 16th in the world for Psychology / QS World University Rankings by Subject 2016

A discipline of both scientific research and applied practice, psychology is concerned with the study of behaviour and underlying mental and neural processes. Topics include learning, memory, cognition, perception, motivation, life-span development, personality, social interactions and abnormal psychology. This program meets the requirements of four years of academic

training towards membership of the Australian Psychological Society, and state government registration as a psychologist.

Career opportunities
 A professional qualification in psychology leads to careers in clinical, organisational and forensic settings as well as teaching and research. The main employer of trained psychologists is the government sector where psychologists work in areas ranging from health, education and community services through to police, corrective services, industrial relations and road and traffic authorities.

Other employers are tertiary institutions, management and personnel consultants, market research organisations and banks. Many psychologists also work in private employment as clinical, educational or industrial consultants.

★ **Professional recognition**
 To become a member of the Australian Psychological Society, and for registration as a psychologist in New South Wales, Australia, you must first complete an approved four-year degree in psychology followed by an accredited postgraduate course in psychology such as one of the Master of Psychology degrees (Clinical, Forensic) offered at UNSW. An alternative to postgraduate study is two years of supervised experience in professional practice.

+ **Combine this degree with:**
 Bachelor of Laws (6 years)

Related degrees:
 Bachelor of Science - page 59
 Bachelor of Advanced Science (Honours) - page 60
 Bachelor of Psychological Science - page 58

Bachelor of Psychological Science (3435)

Duration: 3 years
Entry: February and July
Estimated first year tuition: A\$39,360
Units of credit (per year/total): 48/144
Assumed knowledge: Maths
Faculty: Science

A discipline of both scientific research and applied practice, psychology is concerned with the study of behaviour and underlying mental and neural processes. Topics include learning, memory, cognition, perception, motivation, life-span development, personality, social interactions and abnormal psychology. This program meets the requirements of four years of academic training towards membership of the Australian Psychological Society, and state government registration as a psychologist.

Career opportunities
 For those wishing to use their degree in psychology as a general training for future employment, the skills acquired during the degree in psychological science are extremely valuable to a wide variety of careers. Psychologists work in a range of organisations within both the public and private sector. These include clinical and health settings such as clinics and hospitals, a diverse collection of commercial and

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Bachelor of Psychological Science (3435)

non-profit organisations, and forensic settings such as prisons and law courts. Employers range from the army to schools, from the Roads and Maritime Service to the Department of Health.

For those wishing to practice as a specialist professional psychologist, typical areas of work include clinical, organisational, forensic, counselling and educational psychology.

Psychologists are employed across several industries including health care and social assistance, public

administration and safety, education and training, and administrative and support services. This mix of industries is highly favourable for employment growth prospects.

★ Professional recognition

To become a member of the Australian Psychological Society and for Registration as a psychologist in New South Wales Australia you must complete this three year degree followed by an Honours Year and then followed by an accredited postgraduate course in psychology

such as the Master of Psychology (Clinical or Forensic) offered at UNSW.

+ **Combine this degree with:** Bachelor of Laws (5 years)

Bachelor of Psychological Science (Honours) (4518)

Duration: 1 year

Entry: February and July

Estimated first year tuition: A\$39,360

Units of credit (per year/total): 48/48

Assumed knowledge: See Admissions requirements

Faculty: Science

The purpose of Honours in Psychology is to enable students who have performed well at undergraduate level to deepen their knowledge of approaches, perspectives and traditions in psychology and undertake a significant research project. Honours is a means for connecting undergraduate study with supervised independent research by consolidating and extending work completed in the undergraduate program and providing an academic foundation for students continuing on to a Masters by coursework, a Masters by research, or a PhD.

✓ Admissions requirements

To be eligible for this program, students must have completed a Bachelor's Degree or Graduate Diploma from an approved institution. See the UNSW Online Handbook for more information and details.

📖 Career opportunities

See Bachelor of Psychology (Honours) or Bachelor of Psychological Science.

For those interested in furthering their career as a psychologist, they can apply to do a Masters degree in Psychology (Clinical or Forensic).

Related degrees:

- Bachelor of Advanced Science (Honours) major in psychology page 60
- Bachelor of Arts with a major in psychology - page 41
- Bachelor of Science with a major in psychology - page 59
- Bachelor of Life Sciences with a major in psychology - page 55

SCIENCE

Bachelor of Science (3970)

Duration: 3 years

Entry: February and July (may require summer semester after first semester of study)

Estimated first year tuition: A\$39,360

Units of credit (per year/total): 48/144

Assumed knowledge: Maths and Chemistry plus one of Biology or Earth and Environmental Science or Physics

Faculty: Science

🌟 We are ranked 16th for Psychology, 33rd for Materials Science and 46th in the world for Geography and Area Studies. / QS World University Rankings by Subject 2016

The Bachelor of Science is one of the most flexible degree programs at UNSW. This program offers a wide range of study options. It is based on a solid foundation of core areas in science and students can choose from 25 majors. The Bachelor of Science is structured so that you have the opportunity to apply to transfer between this program and other UNSW science programs, including professional and advanced level degrees. If you achieve excellent grades, you will be invited to complete an honours fourth year.

📖 Major discipline areas include:

- Anatomy
- Bioinformatics
- Biology
- Biotechnology
- Chemistry
- Earth Science
- Ecology

- Food Science
- Genetics
- Geography
- Marine Science
- Materials Science
- Mathematics
- Mathematics for Education (a stream for a major in Mathematics for Education as part of a concurrent Bachelor of Science/Bachelor of Education program (4076). Only students enrolled concurrently in both a Bachelor of Science and Bachelor of Education program may take this major.)
- Microbiology
- Molecular and Cell Biology
- Neuroscience
- Pathology
- Pharmacology
- Physical Oceanography
- Physics
- Physiology
- Psychology*
- Statistics
- Vision Science

* Please refer to The Bachelor of Psychology for further information on Professional Recognition

- Food Science
- Genetics
- Geography
- Marine Science
- Materials Science
- Mathematics
- Mathematics for Education (a stream for a major in Mathematics for Education as part of a concurrent Bachelor of Science/Bachelor of Education program (4076). Only students enrolled concurrently in both a Bachelor of Science and Bachelor of Education program may take this major.)
- Microbiology
- Molecular and Cell Biology
- Neuroscience
- Pathology
- Pharmacology
- Physical Oceanography
- Physics
- Physiology
- Psychology*
- Statistics
- Vision Science

The availability of majors may be subject to periodical review. Students may choose also to complete an optional minor. Please visit the Faculty of Science website for updates: science.unsw.edu.au

* Please refer to The Bachelor of Psychology for further information on Professional Recognition

📖 Career opportunities

Graduates are expected to find employment in a variety of fields in science and technology-based industries. They are employed in areas as diverse as

pharmaceutical and medical research, businesses in management, occupational health and safety, research and communication within industry, government, education, and applications of mathematics and statistics in the finance industry. Alternatively, graduates may continue to pursue postgraduate study and research, which can lead to fulfilling careers in research, teaching and scientific leadership.

+ Combine this degree with:

- Bachelor of Actuarial Studies, Bachelor of Arts, Bachelor of Commerce, Bachelor of Economics, Bachelor of Education (Secondary), Bachelor of Engineering (Honours), Bachelor of Fine Arts, Bachelor of Laws, Bachelor of Music, Bachelor of Optometry (Honours), Bachelor of Science & Business, Bachelor of Science (Computer Science), Bachelor of Social Research and Policy

Dual Award duration: 4 to 5 years.

Related degrees:

- Bachelor of Aviation - page 42
- Bachelor of Engineering (Honours) in various disciplines - pages 46 – 50
- Bachelor of Environmental Management - page 50
- Bachelor of Medical Science - page 57
- Bachelor of Exercise Physiology - page 57
- Bachelor of Optometry (Honours) /Bachelor of Science - page 58
- Bachelor of City Planning - page 43
- Bachelor of Psychology (Honours) - page 58
- Bachelor of Biotechnology (Honours) - page 42
- Bachelor of Food Science (Honours) - page 51
- Bachelor of Nanoscience (Honours) - page 58

Bachelor of Science (Honours) (4500)

Duration: 1 year

Entry: February and July

Estimated first year tuition: A\$39,360

Units of credit (per year/total): 48/48

Assumed knowledge: See entry requirements

Faculty: Science

Honours is a means for connecting undergraduate study with supervised independent research by consolidating and extending work completed in the undergraduate program and providing an academic

foundation for students continuing on to a Masters by research or a PhD.

✓ Admissions requirements

Students are expected to have completed the requirements for a three year full-time undergraduate Bachelor degree typically with a minimum overall WAM (weighted average mark) of a credit, and completed a major within the desired honours discipline.

Students must apply to the relevant School for admission into Honours, and admission requirements as well as the number of places available

are determined by the Head of School or nominee. For details of the entry requirements for a particular discipline, please see the relevant plan entry in the UNSW Online Handbook.

📖 Career opportunities

See Bachelor of Science

For those interested in furthering their career by obtaining a research degree, honours graduates in science may proceed to a Doctor of Philosophy degree by research, which can lead to fulfilling careers in teaching and scientific leadership.

Bachelor of Science (International) (3987)

Duration: 4 years

Entry: February and July (may require summer semester after first semester of study)

Estimated first year tuition: A\$39,360

Units of credit (per year/total): 48/192

Assumed knowledge: Maths and Chemistry plus one of Biology or Earth and Environmental Science or Physics

Faculty: Science

📖 Major

Students must complete at least one approved Bachelor of Science (International) major and one language minor.

Science discipline areas: please refer to Bachelor of Science

Language discipline areas:

- Chinese Studies (Extended);
- French Studies (Extended);
- German Studies (Extended);
- Indonesian Studies (Extended)
- Japanese Studies (Extended);
- Korean Studies (Extended);
- Spanish and Latin American Studies (Extended)

The availability of majors may be subject to review. Please visit the Faculty of Science website for updates: science.unsw.edu.au

★ Please refer to the Bachelor of Psychology for further information on professional recognition.

📖 Career opportunities

Graduates are prepared for careers in global market. They are expected to find employment in a variety of science and technology based industries and businesses, in management, research and communication, within industry, government and the private sector.

See Bachelor of Science for more information.

Bachelor of Science and Business (3925)

Duration: 3 years

Entry: February and July

Estimated first year tuition: A\$38,880

Units of credit (per year/total): 48/144

Assumed knowledge: Maths and Chemistry plus one of Biology or Earth and Environmental Science or Physics

Faculty: Science

The program allows students to combine a coherent stream of studies in a contemporary science discipline with courses that provide a broad background to business and management. You will study a range of foundation business courses that will provide exposure to several aspects of business practices, and will also have the opportunity to increase your breadth of experience using electives, and select from a limited number of higher year courses to gain a greater understanding of a feature of the commercial domain.

📖 Major discipline areas

Please refer to Bachelor of Science

📖 Career opportunities

The program has been designed for students whose passion is science, but who also recognise that awareness of contemporary business practices can be vital in the modern workplace.

Graduates are equipped with the technical skills to work in the scientific industry as well as the background of understanding the commercial environment in which they are employed.

+ Combine this degree with:

Bachelor of Laws (6 years)

Bachelor of Advanced Science (Honours) (3962)

Duration: 4 years

Entry: February and July (may require summer semester after first semester of study)

Estimated first year tuition: A\$39,360

Units of credit (per year/total): 48/192

Assumed knowledge: Maths and Chemistry plus one of Biology or Earth and Environmental Science or Physics

Faculty: Science

📖 Majors in Advanced Science

As per Bachelor of Science plus additional:

- Advanced Physical Oceanography
- Advanced Physics
- Archaeology & Palaeoenvironments
- Climate Science
- Geochemistry
- Marine and Coastal Science

The availability of the majors may be subject to review. Students may choose also to complete an optional minor. Please visit the Faculty of Science website for updates: science.unsw.edu.au

📖 Career opportunities

Graduates are expected to gain employment with research institutes, innovative start-ups, university or industry in Australia or overseas. Areas include technology management, analysis in business or finance, psychology, medical research and development, environmental protection and forensic science.

See Bachelor of Science for more information.

+ Combine this degree with:

Bachelor of Arts, Bachelor of Commerce, Bachelor of Economics, Bachelor of Engineering (Honours), Bachelor of Fine Arts, Bachelor of Laws, Bachelor of Music, Bachelor of Science (Computer Science), Bachelor of Social Research and Policy

Dual Award duration: 5 to 6 years.

How to apply

Confirm your future with us.

- 1 Choose your program**
Choose your degree at international.unsw.edu.au or from our international student guides, noting down the degree code.
- 2 Check your entry requirements**
You need to satisfy your chosen degree's entry requirements (see page 62 for the requirements specific to your degree). You also need to satisfy UNSW's English language requirements (unsw.edu.au/elp).
- 3 Submit your application online**
Submit your application at UNSW Apply Online (apply.unsw.edu.au). Click 'Register now' and fill out your details. Upload your supporting documents and pay your application fee.
- 4 Track your application**
Once you have submitted your application you will be emailed a confirmation receipt with your UNSW Student ID number and details of any additional documents that we need. We will also send you the information you need to track the progress of your application.
If you are a recognised UNSW agent you will need login details and permission from your applicant to access their account.
Once you have provided all of the necessary documentation, it should take 2-3 weeks for UNSW to assess your application.
- 5 We will send you a letter of offer**
We will notify you of the outcome of your application via email. If your application is successful, you will receive a full offer if everything is fine or a conditional offer if more steps are required. If you are receiving assistance with your application, your nominated representative will also receive a copy of the email.
- 6 Accept your offer**
If you received a full offer, you can accept it at gettingstarted.unsw.edu.au. Pay your deposit and you will receive an electronic confirmation of enrolment (eCoE).
- 7 Enrol online**
You can then enrol in your degree and courses online at myUNSW (<http://my.unsw.edu.au>).

Need help?

If you have any questions regarding your application, go to enquiry.unsw.edu.au.

Other ways to apply

You can also apply to UNSW at a conference or event where we are present, or through a UNSW agent located in your country. Head to international.unsw.edu.au to find out more.

2017 Dates

	Semester 1	Semester 2
Coursework applications deadline	30 Nov 2016	31 May 2017
Orientation dates	20 Feb – 24 Feb 2017	19 Jul – 21 Jul 2017
Semester dates	27 Feb – 26 Jun 2017	24 Jul – 21 Nov 2017

Admissions Office
UNSW Australia
Sydney, NSW 2052 Australia
T: +61 2 9385 3656
W: enquiry.unsw.edu.au

Scholarships

A wide range of scholarships are on offer for international students.

UNSW undergraduate scholarships

UNSW Hong Kong Alumni Award

Established to assist residents of Hong Kong who aspire to contribute to the betterment of society without particular regard for their own personal or commercial gain. This scholarship is valued at A\$4,000, for one year.

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.

Other scholarship providers

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.

Australian government scholarships

Australia Awards are international scholarships and fellowships funded by the Australian government offering the next generation of global leaders an opportunity to undertake study, research and professional development. For more information, go to www.australiaawards.gov.au

- 1 Go to: scholarships.unsw.edu.au**
- 2 Search for scholarships**
Make sure to select 'International' in the Residency search box to see the list of scholarships available to you. To be considered for a scholarship, you must submit a separate application in addition to your enrolment application for UNSW.
- 3 Register for your chosen scholarship**
Before applying for your chosen scholarship, first register your interest by following the instructions at the bottom of the page. You need to have lodged an application for enrolment at UNSW to be able to register and apply for a scholarship.
- 4 Apply for your chosen scholarship**
To apply, log in at the bottom of the page using your UNSW ID (e.g. z1234567) and UniPass. Double check the requirements as some scholarships may have specific questions or require supporting documentation. Complete your application and submit it.

UNSW Australia has many scholarships open to International students and new opportunities come up all the time. We recommend that you check our website regularly.

If you're eligible for any scholarships, we encourage you to take the time to apply. Feel free to apply for as many scholarships as you wish. To be considered for a scholarship, you must submit a separate application in addition to your enrolment at UNSW, and we require you to have a satisfactory English language test result.

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

Entry requirements

To gain entry to UNSW, you'll need to meet both the academic entry requirements and the English language requirements.

Academic entry requirements

High School Studies

Direct entry applicants to UNSW must hold high school qualifications that are acceptable to UNSW for admission. As a minimum, you must have a qualification considered to be equivalent to a Year 12 qualification (completion of high school) in Australia. Some of the qualifications accepted by UNSW are listed on page 63. If your qualifications are not listed, contact the UNSW Admissions Office to check whether your qualifications are recognised: enquiry.unsw.edu.au
Direct entry table: page 62-63

UNSW Foundation Studies

UNSW Foundation Studies can be completed by students who do not meet UNSW entry requirements or whose high school qualifications are not recognised by UNSW. After completing Foundation Studies in the appropriate academic stream, if you achieve the grade point average and the English language result required for entry into the UNSW program, you will qualify for a place to study at UNSW. UNSW Foundation Studies: page 69 or visit ufs.unsw.edu.au

Recognised Prior Study

Prior study can be recognised for applicants who have graduated with diplomas from recognised institutions – this is called articulation. Entry is based on academic achievement during your diploma studies. If you intend to use a diploma as a pathway to UNSW, we recommend that you confirm accreditation before committing to a study program. The UNSW Admissions Office can confirm whether your study can be recognised: enquiry.unsw.edu.au

University transfer

To transfer from your current university to UNSW you must have completed at least one year of a Bachelor degree at a recognised university. Entry will be based on academic results achieved during these studies. Some faculties will also consider final year high school qualifications plus results from one year of university study. The UNSW Admissions Office can confirm whether your university studies can be recognised: enquiry.unsw.edu.au

You may also be able to transfer credit for subjects you have already studied. Refer to the online credit transfer tool: credittransfer.unsw.edu.au

Contact UNSW Admissions:

T: +61 2 9385 3656
W: enquiry.unsw.edu.au

English language entry requirements

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)

90 overall (minimum 23 in writing, 22 in reading, listening and speaking).
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+ with a minimum of 20 in the writing component. Some UNSW programs require a higher grade. www.languages.unsw.edu.au/courses/academic-english/the-university-english-entry-course

Pearson Test of English Academic

Score of 64 overall (minimum 54 in each subtest).

Other English qualifications

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

Direct Entry Table: page 62 - 63

UNSW Institute of Languages

Study with UNSW Institute of Languages to meet the English language entry requirements to start your UNSW degree. UNSW Institute of Languages offers a comprehensive range of English language programs which cover academic English, general English and professional English. Programs are developed and delivered by highly qualified and experienced teachers who are specialists in teaching English. They will help you achieve the language skills needed for your academic and career success. Demand for programs is high, and we recommend that you apply at least three months before your intended start date for a UNSW Institute of Languages program. For more information visit: languages.unsw.edu.au

Foundation English Entry Course (FEEC)

If you are planning to enrol in UNSW Foundation Studies prior to starting a Bachelor degree, this intensive English course offers you a direct pathway to meeting the English language entry requirements. You will not need to retake an IELTS or similar exam after successfully completing the FEEC program. www.languages.unsw.edu.au/courses/academic-english/feec

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. www.languages.unsw.edu.au/courses/academic-english/theuniversity-english-entry-course

UNSWIL Term Dates	2016 Dates	2017 Dates
Term 1	4 Jan – 5 Feb	3 Jan- 3 Feb
Term 2	8 Feb – 11 Mar	6 Feb- 10 Mar
Term 3	14 Mar – 15 Apr	13 Mar- 13 Apr
Term 4	18 Apr – 20 May	18 Apr- 19 May
Term 5	23 May – 24 Jun	22 May- 23 Jun
Term 6	27 Jun – 29 Jul	26 Jun- 28 Jul
Term 7	1 Aug – 2 Sept	31 Jul- 1 Sep
Term 8	5 Sept – 7 Oct	4 Sep- 6 Oct
Term 9	10 Oct – 11 Nov	9 Oct- 10 Nov
Term 10	14 Nov-16 Dec	13 Nov- 15 Dec

You can find an application form for UNSW Institute of Languages on page 76
Course Fees: for fee information please see languages.unsw.edu.au

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.

www.languages.unsw.edu.au/courses/academic-english/tertiaryorientation-program

Application form

You can find an application form for UNSW Institute of Languages on page 76 of this guide.

Contact UNSW Global

223 Anzac Parade Kensington Sydney NSW 2052 Australia
T: +61 2 9385 5396 | F: +61 2 9662 2651
E: admissions@unswglobal.unsw.edu.au
W: languages.unsw.edu.au

CRICOS PROVIDER CODE: 01020K

Foundation Studies

Complete our foundation program to meet the academic entry requirements to start your degree at UNSW.

UNSW Foundation Studies was established in 1988 and is the longest running and leading provider of pre-university programs in Australia. You'll learn high-level academic skills needed for a smooth transition into UNSW undergraduate studies.

If you are an international student who successfully completes a UNSW Foundation Studies program, you will have a guaranteed place in a UNSW Bachelor degree. Further conditions may apply to some programs, for more information, email: admissions@unswglobal.unsw.edu.au

Why study with us?

- The prestigious UNSW Foundation Studies programs are accredited academic programs of UNSW –guaranteeing your place to study your UNSW degree upon successful completion.
- Over 20,000 international students have graduated from UNSW Foundation Studies and we're proud to have a high record of success, with over 85% of our students qualifying for entry to university.
- Our teaching style follows university practice with lectures and tutorials. Most tutorial classes have about 18 students, so students receive close attention.
- Extra one-on-one consultation sessions with teachers are offered outside class time to help you achieve your academic goals.
- You'll participate in class activities which help develop your presentation skills and give you greater confidence in speaking English.
- UNSW Pathway Packages are available to give you a seamless study pathway which combines UNSW Institute of Languages (if additional English language training is required), UNSW Foundation Studies and UNSW Bachelor degrees – all on one visa.
- Accommodation is offered at our UNSW Foundation Studies UniLodge, just a five minute walk from campus. See page 21.

Transition Program (4 months)

This intensive, one semester program is recommended if you have very strong English language skills and have graduated from high school. You will need a senior high school qualification such as A-Levels, International Baccalaureate Diploma, GaoKao or HKDSE, plus IELTS of 6.0 or equivalent. **2017 PROGRAM FEE: A\$19,850**

Standard Foundation Program (9 months)

This two semester program is recommended if you have strong English language skills and strong academic results. You will have completed 11 or 12 years schooling plus IELTS of 5.5 (with 5.5 in writing and a minimum 5.0 in other individual scores) or equivalent. An offer can be made on the basis of your Year 11 or Year 12 Semester 1 results. **2017 PROGRAM FEE: A\$29,500**

Standard Plus Program (12 months)

This extended, two semester program is recommended if you have good English language skills and good academic results but would like a steady pace of study. You will have completed 11 years of schooling (primary and secondary) plus IELTS of 5.5 and a minimum of 5.0 in individual scores or equivalent. An offer can be made on the basis of your Year 11 or Year 12 Semester 1 results. **2017 PROGRAM FEE: A\$34,500**

Foundation English Entry Course (2 months)

If you have just missed out on the English entry requirement for a Foundation Studies program, you can enrol in a 10-week Foundation English Entry Course followed by either the Standard or Standard Plus program. You will need an IELTS of 5.0 or equivalent to apply for this packaged program. For more details including fees email: admissions@unswglobal.unsw.edu.au

Application form

You can find an application form for the UNSW Foundation Studies on page 78.

Contact us

223 Anzac Parade
Kensington Sydney NSW 2052 Australia
T: +61 2 9385 5396
F: +61 2 9662 2651
E: admissions@unswglobal.unsw.edu.au
W: ufs.unsw.edu.au

Academic programs calendar

	2017												2018													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Transition	Transition Program 8 Feb – 2 Jun						Transition Program 23 Aug – 15 Dec						Transition Program 24 Sep- 18 Jan 2019													
							Transition Program 26 Sep – 19 Jan						Transition Program 7 Feb – 1 Jun						Transition Program 22 Aug – 14 Dec							
Standard	FEEC Starts 3 Jan			Standard 5 Apr – 24 Nov																						
							FEEC Starts 26 Jun			Standard 27 Sep – 1 Jun																
Standard Plus	Standard Plus 18 Jan – 24 Nov																									
				FEEC Starts 18 Apr			Standard Plus 12 Jul – 1 Jun									FEEC Starts 2 Jan			Standard 4 Apr – 23 Nov							
										FEEC Starts 9 Oct			Standard Plus 17 Jan – 23 Nov													

■ = UNSW Degree Begins

Please refer to our website www.ufs.unsw.edu.au/academic-programs/dates-and-fees for course fees.

Academic and English Language Entry Requirements to UNSW Foundation Studies

	China	International Baccalaureate	British System	Hong Kong	Other Qualifications	English Language Requirement
Transition Program	Gaokao 70% of overall score 65% of overall score from some provinces	24 points over 6 subjects from IB 2 year diploma	GCE A levels 8 points: A=5, B=4, C=3, D=2, E=1	HKDSE 15 points over best 5 subjects from category A only	Contact UNSW Foundation or visit: ufs.unsw.edu.au/academic-programs/entry-requirements	IELTS 6.0 with 5.5 in writing (or equivalent)
Standard Foundation	Senior 3 (year 12) 80% average Senior 2 (year 11) 90% average	Year 2 of the Diploma/ Certificates with 12 points over 4 subjects	IGCSE O levels B grade average	HKDSE 11 points over best 5 subjects from Category A only		IELTS 5.5 with 5.5 in writing and no band score less than 5.0 (or equivalent)

* If you are not eligible for the transition and standard programs (see above), you are welcome to apply for the standard plus 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 undergraduate coursework programs

* Indicative fee only.

Faculty	2016 (A\$/UOC)	2017 (A\$/UOC)*
Arts and Social Sciences	\$635	\$675
International Studies	\$670	\$710
Performing Arts	\$670	\$710
Education	\$670	\$710
Social Work	\$635	\$675
Business School	\$780	\$825
Built Environment		
All coursework programs except the B Architectural Studies program	\$710	\$755
B Architectural Studies program	\$760	\$805
B Ind Design / B Int Arch program	\$710	\$755
Art & Design	\$635	\$675
Engineering	\$820	\$870
Law	\$775	\$820
UNSW Medicine		
B Med/ MD program	\$1,305	\$1,385
Non B Med/ MD program	\$835	\$885
UNSW Science	\$820	\$870

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 2016. The fees listed for 2017 are indicative only; these fees may change during the program. Actual fees for 2017 will be released in late 2016.

student.unsw.edu.au/fees

Fees are charged based on the year of commencement

For example, if you start in Semester 2 (July) 2016, the fees for the first semester will be calculated at 2016 rates. Your second semester will be calculated at 2017 rates. If you are required to complete a course again, you will be charged at the rate applicable to the year you re-take the course.

Estimating your tuition fees

While it isn't possible to give a fixed annual fee for each program, it is possible to provide an estimate.

Estimates for each program are outlined in the undergraduate degrees section, starting on page 37.

You can also calculate your own expected fees on the following page. Most programs will require 48 units of credit (UOC) per year. Most courses (subjects) are 6 UOC.

General education course fees are charged at the rate set by the relevant faculty. As an example, GENT0803 – Introduction to Australian Cinema will be calculated using the Faculty of Arts and Social Sciences rate.

For more information about the UNSW fees policy, including refund of fees and overpayments, visit: student.unsw.edu.au/fees-policy-international-students

Other study-related costs

Some programs and courses have costs, which are additional to the tuition fees, for expenses like laboratory kits, equipment and field trips. Textbooks are not considered compulsory, but we recommend budgeting around A\$1,000 per year for books.

An estimate of your total costs (tuition and other study-related costs) will be shown on your Confirmation of Enrolment Form (CoE) that will be issued on acceptance of an offer of admission to UNSW.

Fees and cost calculation

Example of fee calculation for a Bachelor of Arts (specialising in Philosophy and Psychology)*

Courses	2016			2017			2018		
	A\$/UOC	UOC	A\$/FEE	A\$/UOC	UOC	A\$/FEE	A\$/UOC	UOC	A\$/FEE
Psychology	\$820	12	\$9,840	\$870	18	\$15,660	\$920	24	\$22,080
History	\$635	12	\$7,620	-	-	-	\$715	6	\$4,290
Philosophy	\$635	12	\$7,620	\$675	18	\$12,150	\$715	12	\$8,580
Politics	\$635	12	\$7,620	\$675	6	\$4,050	-	-	-
General Education (Art & Design)	-	-	-	\$675	6	\$4,050	\$715	6	\$4,290
Total	-	48	\$32,700	-	48	\$35,910	-	48	\$39,240
Total tuition fees (A\$)							\$107,850		

* Indicative fee only.

Other study costs (approximate)	\$1,000
Living costs (including set up costs)	\$22,000
OSHC 1 year (2016 for single cover)	\$600
Total expected first year costs	\$54,725

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.

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.

There are five registered providers of OSHC

Medibank (UNSW's preferred health cover provider), BUPA Australia Health, Worldcare, NIB OSHC and Australian Health Management.

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.

US financial aid

We are authorised by the US Department of Education to administer Federal Direct Loans for eligible US students studying at UNSW. If you are eligible for this support, the UNSW Financial Aid Office will be able to help you with your application.

You can find more information at this page: international.unsw.edu.au/for-us-students

International student loans

If you are from Canada, Sweden, Norway, Denmark or UK and have applied for a student loan or a grant from your home country, we can help you certify your enrolment at UNSW.

Please send the Certification Form to financialaid@unsw.edu.au

For more information, visit: international.unsw.edu.au/financial-aid

UNSW quicklinks

UNSW faculties

Arts & Social Sciences
arts.unsw.edu.au

Art & Design
artdesign.unsw.edu.au

Built Environment
be.unsw.edu.au

Business School
business.unsw.edu.au

Engineering
engineering.unsw.edu.au

Law
law.unsw.edu.au

Medicine
med.unsw.edu.au

Science
science.unsw.edu.au

UNSW Canberra
unsw.adfa.edu.au

Applying to UNSW

Apply Online
apply.unsw.edu.au

Student portal access point
my.unsw.edu.au


Online Handbook
handbook.unsw.edu.au

UNSW Institute of Languages
languages.unsw.edu.au

UNSW Foundation Studies
ufs.unsw.edu.au


Social media

 www.facebook.com/unsw

 www.twitter.com/unsw

 plus.google.com/+universityofnsw

 www.youtube.com/user/UNSW

 <http://e.weibo.com/ozunsw>

 <http://i.youku.com/u/UNTc1OTlyMTQ4>

 www.pinterest.com/unsw

 www.linkedin.com/company/university-of-new-south-wales

 www.instagram.com/unsw

More about UNSW

UNSW Home page
unsw.edu.au

UNSW International
international.unsw.edu.au

UNSW China 中文官网
china.unsw.edu.au

Student Life@UNSW
unsw.edu.au/life

UNSW Alumni
alumni.unsw.edu.au

Student services

Accommodation
housing.unsw.edu.au

University Library
library.unsw.edu.au

UNSW Scholarships
scholarships.online.unsw.edu.au

Student Development International (SDI)
student.unsw.edu.au/international

Careers and Employment
careers.unsw.edu.au

Arc@UNSW
arc.unsw.edu.au

Government resources

Student visas
www.border.gov.au

Australia Awards
www.australiaawards.gov.au

Australian diplomatic missions
www.dfat.gov.au/missions

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: _____

Mailing address (This is the address the University will send all correspondence to): _____

Residential address (This is the address where you currently live. Please do not use a PO Box address): _____

2. Visa Details

What visa type will you hold during your studies? (eg. 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? (eg. Australian Embassy, Berlin) _____

If you currently have a passport, what is the passport number? _____

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

Preference	Program code e.g. 8404	Program name: e.g. Master of Commerce	Specialisation: e.g. Finance
1st			
2nd			
3rd			

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.

I will be sponsored: YES NO

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

OR the sole 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. YES NO

OR 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. YES NO

OR I hold a certificate of English proficiency from an approved test (e.g. IELTS or TOEFL) undertaken within the last two years. YES NO

This is NOT an application form. Please do NOT send this form to UNSW. To apply, please go to apply.unsw.edu.au

5. English Language Proficiency – for further details please visit, unsw.edu.au/elp			
If yes, test name:	Test score:	Test date: / / (dd/mm/yy)	
OR I will be sitting a test (test name):		Test date: / / (dd/mm/yy)	
Please note that you can apply for admission without having satisfied UNSW's English language requirements and you may be eligible to receive a conditional offer. A confirmed offer will not be issued until all requirements have been met.			

6. Admissions Qualifications – Please complete the relevant section			
<i>6.1 Application for undergraduate programs – If you are applying for postgraduate programs, you do not have to provide these details.</i>			
Country in which I attended high school:			
Name of qualification:			
Name of institution:			
Have you been awarded this qualification?	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
If yes, what was your score or grade?			
Date qualification was/will be awarded:	/	/	(dd/mm/yy)

<i>6.2 Application for postgraduate programs</i>			
Study level (e.g. undergraduate, postgraduate):			
Country:			
Name of institution:			
Qualification awarded:			
Have you completed this qualification?	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
If yes, what was your score, GPA or overall achievement?			
Dates of study:	From: / /	To: / /	(dd/mm/yy)
Date qualification was/will be awarded:	/	/	(dd/mm/yy)
Honours category (if relevant):			
Are you seeking credit for any of the above tertiary study?	YES <input type="checkbox"/>	NO <input type="checkbox"/>	

7. Other qualifications held – if not appropriate, do not complete this section	
Please include details of other qualifications and/or memberships of professional bodies relevant to your application. e.g. Institute of Chartered Accountants (ICAA) or Engineers Australia (IEAust).	1. 2.

8. Employment details: Complete this section if you are applying for a program that includes work experience as one of the criteria for admission. You should provide details of your current/most relevant employment here. Otherwise, leave this section blank.	
Description of relevant position:	
Division/Department (if applicable):	
Company/Organisation:	
Number of years of professional/management experience:	

9. Declaration and signature	
I declare that the information declared on this form is complete and correct. I authorise the University to obtain information from any educational institution previously or currently attended by me. If any information supplied by me is considered to be untrue, incomplete or misleading in any respect, I understand the University may take such action as it believes necessary including the disclosure of the information to any person or body the University considers has a legitimate interest in receiving it and I consent to such disclosure. I understand the University reserves the right to vary or reverse any decision made on the basis of untrue, incomplete or misleading information. I have made this application having had access to sufficient information regarding UNSW programs, courses, fees, costs, facilities and services. I understand the University reserves the right to make alterations to any matter offered in this publication without notice and that this agreement does not remove my right to take further action under the Australian consumer protection laws.	

Name (Print):	Date:
---------------	-------

Signature:

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: www.languages.unsw.edu.au/international-students/how-to-apply. We will endeavour to place you in your requested course/s. 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: (DD/MM/YYYY) / /	Gender Male <input type="checkbox"/> Female <input type="checkbox"/>
Country of Birth:	Nationality: Passport No.:
Please attach a copy of the first page of your passport which shows your photograph.	
Will you be under 18 on arrival? Yes <input type="checkbox"/> No <input type="checkbox"/>	

*Please note: if you are under 18 years of age on commencement of study, certain visa regulations apply.

2. Emergency Contact Details		
Family Name	Given Name	
Telephone	Mobile	Email

3. Citizenship		
Please select your citizenship status	<input type="checkbox"/> Australian Citizen*	<input type="checkbox"/> Australian Permanent Resident or New Zealand Citizen*
	<input type="checkbox"/> Australian Temporary Resident*	<input type="checkbox"/> International Student - (see next questions)**

*If you ticked any of the above questions, you will need to do the following: Attach evidence of Australian Citizenship/Permanent Residency status
**If you ticked a box with an asterisk (*), you will need Overseas Student Health Cover (OSHC). This can be arranged by UNSW Institute of Languages in section 11.

What type of visa will you be applying for?	<input type="checkbox"/> Student	<input type="checkbox"/> Student Dependant	<input type="checkbox"/> Tourist	<input type="checkbox"/> Working Holiday
---	----------------------------------	--	----------------------------------	--

4. Correspondence Address (of student)			
Address			
City	State/Province	Country	Postcode
Telephone	Email		

5. English Programs			
Academic English Pathways			
<input type="checkbox"/> Academic English	<input type="checkbox"/> Tertiary Orientation Program (TOP)		
<input type="checkbox"/> IELTS Test Preparation (ITP)	<input type="checkbox"/> Foundation English Entry Course (FEEC)	<input type="checkbox"/> University English Entry (UEEC)	

General English	
<input type="checkbox"/> General English (Beginner to Advanced)	<input type="checkbox"/> GE Cambridge Exam Preparation

Full time Professional English	
<input type="checkbox"/> English for Business Communication	<input type="checkbox"/> English for Law

Term and start date? Term: _____ Start date: / /
How many weeks do you intend to study English? (minimum 5 weeks)

6. Scholarships
Have you been granted a scholarship? <input type="checkbox"/> Yes <input type="checkbox"/> 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 Test Report Form No:	Cambridge Score:
TOEFL/IBT/PBT 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

8. Do you have future study plans in Australia?

<input type="checkbox"/> No	<input type="checkbox"/> Yes, UNSW Foundation Studies	<input type="checkbox"/> Yes, UNSW	<input type="checkbox"/> Yes, other university
Level of course:	<input type="checkbox"/> Bachelor Degree (Undergraduate)	<input type="checkbox"/> Master Degree (Postgraduate)	<input type="checkbox"/> PhD (Doctorate)
Name of course:	Faculty		
Do you have a Letter of Offer?	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes, Package offer <input type="checkbox"/> Yes, Conditional offer
Commencement date:	UNSW Student ID Number (if available)		

* Student applying for UEEC course must provide UNSW offer letter

9. Accommodation

Would you like to receive information about accommodation?	
<input type="checkbox"/> UNSW Accommodation	<input type="checkbox"/> UNSW Foundation Studies Residential College, UniLodge@UNSW <input type="checkbox"/> Homestay <input type="checkbox"/> Other
Proposed Accommodation start date:	/ / Proposed length of stay _____ weeks

10. Airport Pick-up A\$150

Do you require airport pick-up? Yes <input type="checkbox"/> No <input type="checkbox"/> 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:
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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.

Yes, please arrange
<input type="checkbox"/> Single rate for myself OR <input type="checkbox"/> Couple rate for myself and partner OR <input type="checkbox"/> Family rate for myself and dependant/s

The length of OSHC will be calculated and advised, depending on your proposed enrolment period. If you wish to combine your English course together with your UNSW academic program under one student visa and you would like us to arrange OSHC to cover the entire period of the visa, please provide a copy of your UNSW offer letter.

<input type="checkbox"/> No, I will make my own arrangements for the duration of my student visa
--

If you have a current OSHC, please quote your OSHC policy number:	Expiry date:
---	--------------

12. Agent Information

Are you applying through an agent? Yes <input type="checkbox"/> No <input type="checkbox"/>	
Agency Name	
Branch Address	
Agent Contact Name	Agent Email

13. Additional Information

How did you hear about UNSW Institute of Languages?

14. Checklist

<input type="checkbox"/> Application Form filled out completely and correctly?	<input type="checkbox"/> Attached certified copies of all required documents?
<input type="checkbox"/> Listed your program preferences and commencement date?	<input type="checkbox"/> Copy of your UNSW offer letter (if applicable).
<input type="checkbox"/> 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 Enrolment¹ and acknowledge that the personal information provided is covered under the Privacy Policy².

Signature of Student (as it appears in your passport):	Date (dd/mm/yyyy) / /
--	-----------------------

(Unsigned applications cannot be processed. Please sign your name on the signature box. A typed-in name cannot be accepted. Education Representatives cannot sign on behalf of the student.)

If applicant is under 18 years of age the signature of a Parent or Legal Guardian is required.

Signature of Parent or Legal Guardian	Date (dd/mm/yyyy) / /
---------------------------------------	-----------------------

Correspondence

Lodge the completed form with a UNSW Global representative in your country or post to:

UNSW Institute of Languages, PO Box 853, Kensington NSW 1465 Australia

T: 61 2 9385 5396 | E: admissions@unswglobal.unsw.edu.au

UNSW Global Pty Limited CRICOS Provider Code: 01020K UNSW Global Pty Limited ABN 62 086 418 582

An online application form is available at www.languages.unsw.edu.au/international-students/how-to-apply

¹ www.unswglobal.unsw.edu.au/coen.pdf

² languages.unsw.edu.au/privacy.html

UNSW Foundation Studies

Application form



Before completing the application form, please visit www.ufs.unsw.edu.au/academic-programs/entry-requirements.asp or refer to the Foundation Studies Student Guide for the academic and English requirements. You can also apply through our new online application form: www.ufs.unsw.edu.au/apply/online-application-new. We will endeavour to place you in your requested course/s. 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 preferred undergraduate degree.

1. Personal Details (as in passport)

Family Name	Given Name
Other Names	
Date of Birth: (DD/MM/YYYY) / /	Gender Male <input type="checkbox"/> Female <input type="checkbox"/>
Country of Birth	
Nationality*	Will you be under 18 on arrival? Yes <input type="checkbox"/> No <input type="checkbox"/>

*Please attach a certified copy of your passport (if available)

2. Emergency Contact Details

Family Name	Given Name	
Telephone	Mobile	Email

3. Citizenship

Please select your citizenship status	<input type="checkbox"/> Australian Citizen*	<input type="checkbox"/> Australian Permanent Resident or New Zealand Citizen*
	<input type="checkbox"/> Australian Temporary Resident	<input type="checkbox"/> International Student – (see next question)**

*If you ticked any of the above questions, you will need to do the following: Attach evidence of Australian Citizenship/Permanent Residency status. If you ticked a box with an asterisk (**), you will need Overseas Student Health Cover (OSHC). This can be arranged by UNSW Foundation Studies in section 12.

If you are an International Student, which type of visa will you be applying for?	<input type="checkbox"/> Student	<input type="checkbox"/> Student Dependant	<input type="checkbox"/> Tourist	<input type="checkbox"/> Working Holiday
---	----------------------------------	--	----------------------------------	--

4. Correspondence Address (of student)

Address			
City	State/Province	Country	Postcode
Telephone	Email		

5. Previous Study

Name of Secondary School	
Name of Qualification*	Level Completed
Country	Level Completed

*Please attach certified copies of your academic qualifications.

6. UNSW Degree Selection

UNSW Undergraduate Degree Preferences

Preference	UNSW Code
Preferred Start	<input type="checkbox"/> Semester 1 (March) <input type="checkbox"/> Semester 2* (July)

*Please check that your preferred undergraduate degree has a Semester 2 intake.

7. UNSW Foundation Studies

Preferred Program:	<input type="checkbox"/> Transition	<input type="checkbox"/> Standard	<input type="checkbox"/> Standard Plus
Preferred Intake:	<input type="checkbox"/> Next available	<input type="checkbox"/> Date ¹ / /	/ /

¹ For more information on these Program dates, please refer to the Academic Programs Calendar on page 106.

Preferred Stream ² :	<input type="checkbox"/> Physical Science	<input type="checkbox"/> Life Science	<input type="checkbox"/> Commercial/Actuarial
Preferred Intake:	<input type="checkbox"/> Design/Fine Arts ³	<input type="checkbox"/> Arts(SS) / International Studies / Arts(Law) ³	

² If your preferred program and stream do not match your preferred undergraduate degree, we will offer you the most appropriate program and stream.

³ These streams are available in Standard and Standard Plus only.

8. Scholarships

Have you been granted a scholarship? <input type="checkbox"/> Yes <input type="checkbox"/> No	Scholarship's Name or Sponsor's Name:
---	---------------------------------------

9. English Proficiency

Have you sat an IELTS, TOEFL or other recognised English proficiency test?
Your test must have been taken within 12 months of the official course commencement date.

Yes → Please attach a certified copy of your English test results or provide the IELTS TRF number:

Note: If your English test results do not meet the English Language entry requirements, you will receive a conditional UNSW Foundation Studies offer, and an UNSW Institute of Languages offer for the Foundation English Entry Course (FEEC) or English course best suited to your needs.

No → A conditional UNSW Foundation Studies offer will be issued until the English Language requirements have been met.

Please indicate if you are interested in undertaking your English Language studies with UNSW Institute of Languages: Yes No
Course name: _____ Number of weeks: _____

10. Accommodation

Would you like to receive information about accommodation?
 UNSW Accommodation UNSW Foundation Studies Residential College, UniLodge@UNSW Homestay Other
Proposed Accommodation start date: ____/____/____ Proposed length of stay _____ weeks

11. 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: _____

12. Overseas Students Health Cover (OSHC)

You must maintain OSHC for the proposed duration of your student visa.
UNSW Foundation Studies can arrange visa-length cover with Medibank, our preferred provider of OSHC.

Yes, please arrange
 Single rate for myself OR Couple rate for myself and partner OR Family rate for myself and dependant/s

The length of OSHC will be calculated and advised, depending on your proposed enrolment period.

No, I will make my own arrangements for the duration of my student visa

If you have a current OSHC, please quote your OSHC policy number: _____ Expiry date: _____

13. Agent Information

Are you applying through an agent? Yes No

Agency Name _____

Branch Address _____

Agent Contact Name _____ Agent Email _____

14. Additional Information

How did you hear about UNSW Foundation Studies?

15. Checklist

<input type="checkbox"/> Application form is filled out completely and correctly. Incomplete application forms will incur delays in processing.	<input type="checkbox"/> Attached certified copies of the following documents: Please note that each page must be certified in accordance with our guidelines available at www.ufs.unsw.edu.au/apply/how-to-apply
<input type="checkbox"/> Nominated your preferred Undergraduate Degree and preferred start	<input type="checkbox"/> Academic transcripts
<input type="checkbox"/> Provided your preferred Foundation Studies program and preferred stream	<input type="checkbox"/> English Proficiency test scores (if applicable)
<input type="checkbox"/> Signed the declaration on this form. If under 18 years of age, your parent/legal guardian must also sign.	<input type="checkbox"/> Passport (if applicable)
	<input type="checkbox"/> Visa (if available)
	<input type="checkbox"/> Any other documents relevant to your application

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 Enrolment¹ and acknowledge that the personal information provided is covered under the Privacy Policy².

Signature of Student (as it appears in your passport): _____ Date (dd/mm/yyyy) ____/____/____

(Unsigned applications cannot be processed. Please sign your name on the signature box. A typed-in name cannot be accepted. Education Representatives cannot sign on behalf of the student.) If applicant is under 18 years of age the signature of a Parent or Legal Guardian is required.

Signature of Parent or Legal Guardian _____ Date (dd/mm/yyyy) ____/____/____

¹ <http://unswglobal.unsw.edu.au/coen.pdf>

² ufs.unsw.edu.au/privacy-policy

Correspondence

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