The International Guide tells you about our courses, university life, and how to apply for a degree here.

sydney.edu.au/ask-international
1800 SYD UNI (1800 793 864)
+61 2 8627 1444
(outside Australia)
Forest Stewardship Council (FSC®) is a globally recognised certification overseeing all forest sourcing standards. This provides guarantees for the consumer that products are made of woodchips from well-managed forests and other controlled sources, with strict environmental, social, and economic standards.
Sydney is Australia’s most dynamic and beautiful city, and the University of Sydney reflects its wealth of exciting possibilities.

Regularly ranked in the top 50 universities worldwide*, the University is a place where you can attain excellent and widely recognised qualifications.

Our world-class facilities, inspirational academics and dedicated professional staff will support you to make your vision a reality. If you don’t have a vision yet, we’ll help you to discover it.

As a student with us, you can enjoy an outstanding campus life – many clubs and societies that will enable you to make lifelong friends. You will also be part of a global network of leading academics and distinguished graduates and alumni. Come and join us.

Dr Michael Spence AC
Vice-Chancellor and Principal

*QS World University Rankings 2016-17
The University of Sydney combines the best of teaching with practical, future-focused learning. Enjoy internship opportunities and the flexibility of choosing a degree that crosses many study areas and suits all of your passions.

Our staff and students work together to solve real-world problems and improve lives. We look at challenges from all angles, uniting expertise and insights across multiple disciplines to translate research into real action.

Outside the classroom, you can make lifelong friends and connections and enjoy unforgettable experiences.

1st in Australia and ranked 4th in the world for graduate employability*
Find the right degree to fulfil your goals with 400+ areas to choose from

Combine study and travel with one of our 270+ international partners

Enrich your student experience by joining one of our 200+ clubs and societies

Connect with a network of more than 320,000 alumni worldwide

Number 1 for student experience in Australia**

Ranked in the world’s top 50 universities***

* QS Graduate Employability Rankings 2017
*** QS World University Rankings 2016-17
Our University is located in the heart of one of the most popular cities in the world for international university students.

Set around the world’s largest natural harbour, Sydney is home to beautiful golden beaches, world-class museums and art galleries, delicious fresh food, and a calendar of exciting events and festivals.

The University of Sydney has campuses in the heart of the city and beyond.

Our Camperdown/Darlington Campus is close to Sydney’s business district and sandy beaches. The surrounding areas are both cosmopolitan and multicultural, with the lively suburb of Newtown, laid-back Glebe Point Road, and the bustling Central Park precinct a short walk away.

The campus is also easily accessible by Sydney’s public transport network, being located near Central and Redfern train stations, and on major bus routes.

Find out about Sydney’s suburbs:
- www.cityofsydney.nsw.gov.au

Find out about public transport:
- www.transportnsw.info

Find your way around our campuses:
- sydney.edu.au/maps
“Any opportunity I have to get away from my desk I try to get down to the beach. Even if it’s in the middle of winter and too cold to swim, it is still nice to sit and look.”

Ellie Hewitt
Bachelor of Commerce

“Living in a multicultural city like Sydney is such a blessing. It has a beautiful landscape (a coastal walk is the best thing you can do while you are here), great coffee (I once queued for an hour just to get the best one!) and amazing people who respect those from different backgrounds. These are just a few points – I can write a book about how amazing living in Sydney is!”

Nanda Aprilia
Master of Digital Communication and Culture
Australia Awards Scholar
Home country: Indonesia

More reasons to choose Sydney

− ranked as one of the world’s top 10 safest cities by The Economist™
− a frequent winner of the Condé Nast Traveler Readers Choice Award for Best City
− one of the most multicultural cities in the world – more than a quarter of our residents speak a language other than English
− Australia’s economic capital and home to the Asia-Pacific headquarters of more than 600 multinational companies.

*Mercer Quality of Living survey 2016; QS Best Student Cities 2016; PwC ‘Cities of Opportunity’ report
**The Daily Telegraph (United Kingdom) and The Huffington Post (United States).
***The Economist Safe Cities Index, 2015
Our main campus occupies a central location in Camperdown and Darlington, and is home to most of our faculties.

We also have several faculty-specific campuses and teaching locations, such as Health Sciences in Cumberland, Dentistry in Surry Hills and Westmead, Sydney Conservatorium of Music and the Business School in the central business district, and Agriculture and Veterinary Science in Camden.

All are easily reached by public transport.
“It’s only those who are persistent and willing to study things deeply who achieve master work.”

Paulo Coelho (1947–) lyricist and novelist
We are one of the world’s top research universities and a member of Australia’s prestigious Group of Eight* network and the Association of Pacific Rim Universities. That association partners us with others that excel in research, including Stanford, UCLA, Shanghai Jiao Tong University and the University of Hong Kong.

We invest in research that changes the way we think about the world and how we live and work in it. Associate Professor Robyn Alders has spent more than 20 years helping farmers in Africa and Asia to improve food and nutrition security on those continents. She has also been a driving force behind an Australian Government-funded project to improve child and maternal nutrition in East Timor by vaccinating chickens.

Another of our researchers, Professor Richard Payne, is developing new drugs to combat some of the world’s greatest health challenges, from cancer to tuberculosis, malaria and antibiotic-resistant bacterial infections. His underlying technologies are being picked up by pharmaceutical companies internationally.

Find out more about our current research: sydney.edu.au/research

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70 world-renowned interdisciplinary research and teaching centres

Top 50 – one of the world’s best research universities**

All our research is ranked at world standard or above*

Our 10 multidisciplinary research initiatives are among the world’s leaders**

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*The Group of Eight (Go8) is a coalition of leading Australian universities, intensive in research and comprehensive in general and professional education.
**QS World University Rankings 2016-17

*Excellence in Research for Australia 2015 report
**Our multidisciplinary research initiatives are focused on finding solutions to challenges posed by cancer, obesity, mental health, nanoscience and other important issues, such as politics and international relations.
Research degrees at Sydney

Whether you’re an aspiring academic, seeking a competitive edge in your career, or want to explore a specific passion, a research degree will put you at the pinnacle of your studies. Embarking on a research degree at Sydney is an opportunity to work alongside some of the world’s brightest and most accomplished academics. We offer exceptional facilities, an innovative edge and the drive to challenge traditional ways of thinking. The University is increasing its investment in new research scholarships, which will be available to international postgraduate research students in any discipline. You will have all the support you need to contribute to research that makes a meaningful, real-world impact.

Our postgraduate research degrees include:

Master’s by research/
Master of Philosophy (MPhil)
This degree usually requires 1–2 years of full-time study, and allows a candidate to undertake research and advanced specialisation. It can also provide a pathway to further study at PhD level.

Doctor of Philosophy (PhD)
This is our premier research award and the highest qualification on the Australian Qualifications Framework. It comprises independent research and writing on an approved topic toward a thesis for examination.

Admission to research degrees is highly competitive. In general, to be eligible for admission you need to demonstrate sufficient prior research experience and capability.

Find out more about our research degrees:
- sydney.edu.au/pg-research

“I loved the University of Sydney from the very first minute and every minute I’ve been here – the campus, the facilities and the supportive staff. In addition to completing my PhD, I have attended a number of workshops and conferences that have improved my social skills, professional knowledge and extended my networks. I would never have become who I am now, possessing independent research skills and great passion for doing research, without the skills I gained while at the University.”

Nga Ngo
Doctor of Philosophy (Education)
Australia Awards Scholar
Home country: Vietnam
We have a packed calendar of events and celebrations for you to enjoy. With more than 200 clubs and societies, including 26 cultural groups, there’s something for everyone.

We are regularly ranked first for student experience and campus culture in Australia.* Our clubs and societies provide endless networking opportunities and allow you to develop your leadership skills for future careers.


200+ clubs and societies, 4 live performance spaces and 12 cafés on campus.

The University of Sydney Union is a student-led, not-for-profit organisation that runs many activities and invests all funds back into the student experience.

– www.usu.edu.au

Excellent sporting facilities, including 2 fitness centres and a 50-metre swimming pool
When you get to the University of Sydney, you’ll have plenty of help. Here are just a few of the ways we support your health, wellbeing and academic achievement.

**STUDENT SUPPORT SERVICES**

- **Academic, language and learning support**
  - Transition/bridging courses
  - Workshops
  - Online learning resources

- **Orientation and arrival sessions**
  - Welcome to university
  - Adjusting to Sydney
  - Arrival sessions for international students
  - Meet our alumni, staff and fellow students

- **Academic enrichment**
  - Bridging courses
  - Online learning resources
  - Drop-in support
  - Mathematics learning support
  - Faculty-embedded support
  - Academic plans

- **Practical skills workshops**
  - Study skills
  - Accelerating learning
  - Academic Plans

- **Accommodation**
  - On-campus student housing
  - Residential colleges
  - Off-campus living

- **Health and wellbeing**
  - Doctors’
  - Dentists’
  - Counsellors and psychologists (CAPS)
  - Pathology services’
  - Optometrists’
  - Physiotherapists’
  - On-campus pharmacy
  - Multifaith chaplaincy and prayer rooms

- **Career support**
  - Employability skills workshops
  - Transition support to the Australian workplace
  - Resume writing, interview skills and career planning advice
  - Meet with employers
  - Sydney CareerHub, an online jobs database

- **Financial assistance**
  - Study-related expenses
  - Help with essential living costs

- **Disability services**
  - Assisted technology
  - Lecture support
  - Building/room accessibility

*These services may involve fees for services and retail costs for goods.*
Start by exploring our Accommodation Services website, where you’ll find advice on where to live, expected costs, and accommodation options on and off campus. This service also allows you to register for University-owned housing. On-campus accommodation is limited and we advise you to apply well in advance to secure a place.

− sydney.edu.au/accommodation

Temporary arrival accommodation
Before you move to Sydney, we recommend that you book a temporary place to stay. Once you get here, you can look for longer-term accommodation.

− sydney.edu.au/accommodation/short_term

On-campus – residential colleges (fully catered)
The University has eight residential colleges on the Camperdown/Darlington Campus, including International House, a residential community of global scholars. Colleges provide comfortable, fully furnished single rooms and daily meals, along with sporting, cultural, leadership and social programs. They also include on-site tutorials and campus-based classes.

− sydney.edu.au/colleges

On-campus residences (self-catered)
The University has two self-run residences – Queen Mary Building (QMB) and Abercrombie Student Accommodation – on the Camperdown/Darlington Campus. Both just under a year old, they house up to 1000 students. These residences provide modern single-study rooms with large common living, learning and study spaces, communal kitchens, a theatre, gym, soundproofed music rooms, art studios, sky lounges and rooftop gardens. In addition to national-class facilities the University residences host student-led arts, cultural, sporting, academic, leadership and social programs through University priority programs and the substantially funded student initiatives grant program.

The University offers apartments and shared housing around the Camperdown/Darlington Campus, Cumberland and Camden campuses. Private providers offer furnished rooms in shared or self-contained apartments in residential buildings, usually within walking distance of the University.

Off-campus living
More than 90 percent of our students live off campus. The University is close to many vibrant and multicultural suburbs such as Annandale, Newtown, Chippendale and Glebe. A great place to search is our large online database of properties.
### Camperdown/Darlington Campus

<table>
<thead>
<tr>
<th>Places</th>
<th>Gender</th>
<th>Phone</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>University residence halls (A$205 – $431 per week)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Abercrombie</td>
<td>200</td>
<td>+61 2 9351 3322</td>
<td>sydney.edu.au/accommodation</td>
</tr>
<tr>
<td>Darlington House</td>
<td>54</td>
<td>+61 2 9351 3322</td>
<td>sydney.edu.au/accommodation</td>
</tr>
<tr>
<td>Queen Mary Building</td>
<td>799</td>
<td>+61 2 9351 3322</td>
<td>sydney.edu.au/accommodation</td>
</tr>
<tr>
<td>Selle House</td>
<td>14</td>
<td>+61 2 9351 3322</td>
<td>sydney.edu.au/accommodation</td>
</tr>
<tr>
<td>Terraces</td>
<td>78</td>
<td>+61 2 9351 3322</td>
<td>sydney.edu.au/accommodation</td>
</tr>
<tr>
<td>Residential colleges (A$397 – $687 per week)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>International House</td>
<td>200</td>
<td>+61 2 9950 9800</td>
<td>sydney.edu.au/internationalhouse</td>
</tr>
<tr>
<td>Mandelbaum House</td>
<td>36</td>
<td>+61 2 9692 5200</td>
<td><a href="http://www.mandelbaum.usyd.edu.au">www.mandelbaum.usyd.edu.au</a></td>
</tr>
<tr>
<td>Sancta Sophia College</td>
<td>170</td>
<td>+61 2 9577 2100</td>
<td>sanctasophiacollege.edu.au</td>
</tr>
<tr>
<td>St Andrew’s College</td>
<td>285</td>
<td>+61 2 9565 7300</td>
<td>standrewscollege.edu.au</td>
</tr>
<tr>
<td>St John’s College</td>
<td>252</td>
<td>+61 2 9394 5000</td>
<td>stjohnscollege.edu.au</td>
</tr>
<tr>
<td>St Paul’s College</td>
<td>300</td>
<td>+61 2 9550 7444</td>
<td><a href="http://www.stpauls.edu.au">www.stpauls.edu.au</a></td>
</tr>
<tr>
<td>Wesley College</td>
<td>260</td>
<td>+61 2 9565 3333</td>
<td>wesleycollege.usyd.edu.au</td>
</tr>
<tr>
<td>The Women’s College</td>
<td>280</td>
<td>+61 2 9517 5000</td>
<td>thewomenscollege.com.au</td>
</tr>
<tr>
<td>Independently run student housing (A$90 – $649 per week)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sydney University Village</td>
<td>650</td>
<td>+61 2 9036 4000</td>
<td>sydneyuv.com.au</td>
</tr>
<tr>
<td>Urbanest Cleveland</td>
<td>438</td>
<td>+61 2 8091 9959</td>
<td>urbanest.com.au/sydney/cleveland-st</td>
</tr>
<tr>
<td>Urbanest Glebe</td>
<td>185</td>
<td>+61 2 8091 9959</td>
<td>urbanest.com.au/sydney/glebe</td>
</tr>
<tr>
<td>Stucco</td>
<td>40</td>
<td></td>
<td>stucco.org.au</td>
</tr>
</tbody>
</table>

### Camden and Cumberland campuses

<table>
<thead>
<tr>
<th>Places</th>
<th>Gender</th>
<th>Phone</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>University residence halls (A$140 – $335 per week)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nepean Hall (Camden)</td>
<td>43</td>
<td>+61 2 9351 1645</td>
<td>sydney.edu.au/accommodation</td>
</tr>
<tr>
<td>Nepean Lodge (Camden)</td>
<td>98</td>
<td>+61 2 9351 1645</td>
<td>sydney.edu.au/accommodation</td>
</tr>
<tr>
<td>Yannadah (Cumberland)</td>
<td>39</td>
<td>+61 2 9351 1645</td>
<td>sydney.edu.au/accommodation</td>
</tr>
</tbody>
</table>

For information on approximate living costs in Sydney, including accommodation, transport and other living expenses, please visit:
- sydney.edu.au/study/living-costs

**Important fee information:**
The accommodation fees listed are intended as a guide for students and are based on 2017 fees for new students. They are correct at the time of printing to the best of the University of Sydney’s knowledge. Students should contact the individual accommodation providers for detailed and up-to-date information, including additional costs and fees. Please note that some colleges charge non-refundable application fees. Students are also advised that some residences have 52-week contracts, while others only provide accommodation during semester.
GLOBAL OPPORTUNITIES

We’ll connect you to the world through our overseas study programs and placements, helping you enhance your career prospects and build your networks.

Combine study and travel
At the University of Sydney, our students have access to global opportunities that broaden their horizons and prepare them for the workforce.

We offer overseas field schools, global professional placements, short-term, semester, and year-long exchange opportunities in more than 50 countries.

Exchange programs
The University of Sydney has more than 270 exchange partners in 41 countries; more than 100 of which are listed among the top 200 universities in the world.*

As an exchange student you remain enrolled full time at the University while you are abroad and continue to pay your usual tuition fees. A student from your host institution does the same in reverse, and the result is an exchange of students and places. Most students undertake an exchange program for a semester or a year, but there are also short-term exchange options at some of our partner institutions during the summer and winter breaks.

Study abroad
As a study abroad student, you enrol and pay tuition fees directly to the host institution or a program provider. Many students choose to undertake short-term study abroad programs during the breaks, with options available at universities such as Cambridge, Harvard, Yale, and the London School of Economics.

*Times Higher Education World University Rankings 2016-17.
How do I choose the right program?

You can use our global mobility database to search by location or institution name and filter your search results by ranking, level of study, duration, language of instruction and subject areas.

− sydney-au-sa.terradotta.com

Funding

There are scholarship opportunities offered by Sydney Abroad, faculties and external groups such as community organisations, exchange partner institutions and foreign governments. You can find more information on the scholarships website.

− sydney.edu.au/scholarships/current/exchange.shtml

Global Citizenship Award

The Global Citizenship Award (GCA) is an extra-curricular program providing you with distinctive international and leadership opportunities to prepare you for your future as a global citizen. Through the GCA you’ll further be supported to make the most of overseas and local student programs such as international exchange, faculty-led programs, international internships and volunteering.

− sydney.edu.au/sydney-abroad/gca
Non-award programs

If you are not sure about studying a full degree at the University of Sydney, you can study for one or two semesters on a non-award basis. You will have more than 2500 units of study to choose from and will receive an official academic transcript at the end of your study period. You can use that transcript to request credit at your home institution. Depending on your home institution’s relationship with the University of Sydney, you can apply as a study abroad or an exchange student.

Exchange

We have exchange programs with more than 270 partner universities in 41 countries. If you’re enrolled at one of our international partner universities, you may be eligible to apply for exchange. When you come as an exchange student, your tuition fees are paid to your home university while you study at Sydney.

If your home university has a partnership with us, you first need to apply to your home university’s international exchange program.

More information

To find more about our partner universities, visit:
− sydney-au-sa.terradotta.com

Study abroad

If your home university does not have an exchange partnership with the University of Sydney, you can still apply for non-award study as a study abroad student. You can come for one or two semesters and tuition fees will apply. If you are looking for something shorter, there is a special six-week program that runs from late May to early July.

We also offer programs for those just finishing secondary school, interested in a gap year or semester, or in their first year of university study.

Going on exchange is a life-changing experience that pushes you out of your comfort zone and makes you realise that there’s an entire world to be explored! It allows you to pursue an invaluable academic experience overseas and learn about yourself as well as the world around you.

“Life is short, and the window of opportunity is small. If you get the opportunity to go on exchange, take it and don’t look back.”

Tupou Veiongo Lamipeti
Bachelor of Health Sciences
(Majoring in Human Resources Management and Industrial Relations)
Exchange to Manchester University, United Kingdom

Study abroad indicative semester tuition fees for 2018*
A$12,300 flat rate study abroad tuition fee

Short-term indicative tuition fees for 2018*
1 unit of study A$3075
2 units of study A$6150

− sydney-au-sa.terradotta.com

*Tuition fees listed are quoted in Australian dollars and correct at the time of publication. All tuition fees are subject to an annual review by the University and subject to increase each year, effective at the beginning of each calendar year.
THE SYDNEY UNDERGRADUATE EXPERIENCE
The world is changing, and university education needs to change too.

We’ve reimagined the Sydney Undergraduate Experience – the way we teach and the way you’ll learn – to prepare you for a future full of possibilities.
We offer unparalleled choice
At Sydney you’ll have access to a breadth and depth of excellence in disciplines and professional fields that is unparalleled in Australia.

Follow your interests. All of them.
We have created a new level of flexibility with a shared pool of majors and minors so you can expand your education with a second field of study.

For instance, you will be able to enjoy studying science without having to give up your interest in history; combine your major in marketing with the study of digital cultures; or learn both engineering and a language.

Broaden your skills
You can widen your skills in entrepreneurial thinking, persuasive communication, project management and ethical reasoning by taking short, on-demand and workshop-supported courses in our Open Learning Environment.
YOUR EXPERIENCE

Academic rigour
Gain a deep understanding of your chosen disciplines of study and learn from those who are leaders in their fields.

Global perspectives
Set yourself up to go anywhere in the world by gaining the skills and understanding to work effectively across cultural boundaries. Go on exchange, study a language, or undertake projects in distinctive cultural settings here and overseas.

Cross-disciplinary learning
Study across or work with other disciplines to build your skills and tackle some of the most complex challenges of our time.

Real-world projects
Bridge the gap between theory and application by working on real-world industry, community, research and entrepreneurship projects.

YOUR FUTURE

You will leave university with the confidence and ability to think critically, collaborate productively, and influence the world.

sydney.edu.au/ug-experience
INTRODUCING THE COMBINED BACHELOR OF ADVANCED STUDIES

Taken in combination with a three-year degree, the new Bachelor of Advanced Studies supercharges your undergraduate experience at Sydney.

You will have the opportunity to:
- design your own degree by combining studies from a range of disciplines
- build on your expertise with advanced coursework and project work
- complete a second major (see the shared pool of majors and minors list on pages 30 and 31).

This new combined degree focuses on disciplinary depth and cross-disciplinary problem-solving for real-world industry, community and research challenges. It will give you access to advanced modules, entrepreneurship and leadership skills, broaden your opportunities and prepare you for future success.
Overall structure of a combined three-year degree and Bachelor of Advanced Studies

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
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<tbody>
<tr>
<td>Major 1</td>
<td>Major 1</td>
<td>Major 1</td>
<td>Major 2</td>
</tr>
<tr>
<td>Major 1</td>
<td>Major 1</td>
<td>Major 1</td>
<td>Major 2</td>
</tr>
<tr>
<td>Major 2</td>
<td>Major 2</td>
<td>Major 2</td>
<td>Advanced coursework</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
<td>Project</td>
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<tr>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
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</tr>
<tr>
<td>Elective</td>
<td>Open Learning Environment</td>
<td>Open Learning Environment</td>
<td></td>
</tr>
</tbody>
</table>

Bachelor’s degree

<table>
<thead>
<tr>
<th>Degree Components</th>
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</thead>
<tbody>
<tr>
<td>Duration 3 years</td>
</tr>
<tr>
<td>Bachelor of Advanced Studies Duration 4 years</td>
</tr>
<tr>
<td>Components</td>
</tr>
<tr>
<td>Major</td>
</tr>
<tr>
<td>Double major optional</td>
</tr>
<tr>
<td>Double major mandatory</td>
</tr>
<tr>
<td>Minor</td>
</tr>
<tr>
<td>(or second major)</td>
</tr>
<tr>
<td>Open Learning Environment</td>
</tr>
<tr>
<td>Elective</td>
</tr>
<tr>
<td>Exchange (available)</td>
</tr>
<tr>
<td>Advanced coursework</td>
</tr>
<tr>
<td>Substantial project</td>
</tr>
</tbody>
</table>

For studies in Arts, Commerce, Design Computing, Economics, Science and Visual Arts
Exclusive to high-achieving students with an ATAR (or equivalent) of 98+, the Dalyell Scholars program is an opportunity to challenge yourself alongside your most promising and talented peers.

The program enables you to draw on the rich interdisciplinary depth and breadth on offer at the University, cultivating the leadership and professional expertise to join the ranks of our distinguished global alumni.

The Dalyell Scholars program allows you to collaborate and network with like-minded world influencers.

In addition to completing distinctive Dalyell units of study with other high achievers, you will have access to enrichment opportunities including:

- acceleration to master’s level study
- access to specialised Language (Arts) and Mathematical Sciences (Science) programs
- exclusive research and entrepreneurship programs
- direct access to industry-based project learning
- tailored mentoring and professional skills development to enhance your study and career opportunities
- international experiences to develop your global perspective, including a global mobility scholarship.

Who was Elsie Jean Dalyell?

A highly distinguished University of Sydney medical graduate, Elsie Jean Dalyell OBE (1881-1948) was the first full-time female academic in our Faculty of Medicine. After travelling to London on a University scholarship and serving in World War I, she conducted pioneering work with a medical team in Vienna, Austria, into childhood diseases. Her academic excellence and commitment to creating her own path are hallmarks of our Dalyell Scholars program.

The following courses are available to study through the Dalyell Scholars program.

**Education and social work**
- B Education (Secondary: Humanities and Social Sciences)/B Arts
- B Education (Secondary: Mathematics)/B Science
- B Education (Secondary: Science)/B Science
- B Arts/B Social Work

**Engineering and IT**
- B Advanced Computing
- B Advanced Computing/B Commerce
- B Advanced Computing/B Science
- B Engineering Honours (Advanced Computing)
- B Engineering Honours/B Arts
- B Engineering Honours/B Commerce
- B Engineering Honours (Civil)/B Design in Architecture
- B Engineering Honours/B Project Management
- B Engineering Honours/B Science

**Health, medicine and dentistry**
- B Arts/D Medicine
- B Arts/M Nursing
- B Science/D Dental Medicine
- B Science/D Medicine
- B Science/M Nursing
- B Science (Health)/M Nursing

**Business**
- B Commerce
- B Commerce/B Advanced Studies (Dalyell Scholars)

**Architecture and interaction design**
- B Design Computing/B Advanced Studies

**Arts and social sciences**
- B Arts
- B Arts/B Advanced Studies (Dalyell Scholars including Languages)
- B Arts/B Advanced Studies (International and Global Studies)
- B Arts/B Advanced Studies (Media and Communications)
- B Arts/B Advanced Studies (Politics and International Relations)
- B Economics
- B Economics/B Advanced Studies
- B Visual Arts
- B Visual Arts/B Advanced Studies

**Science, agriculture, environment and veterinary science**
- B Science with Space Engineering
- B Science/B Advanced Studies (Advanced)
- B Science/B Advanced Studies (Agriculture)
- B Science/B Advanced Studies (Animal and Veterinary Bioscience)
- B Science/B Advanced Studies (Food and Agribusiness)
- B Science/B Advanced Studies (Health)
- B Science/B Advanced Studies (Medical Science)
- B Science/M Nutrition and Dietetics

**Law**
- B Arts/B Laws
- B Commerce/B Laws
- B Economics/B Laws
- B Engineering Honours/B Laws
- B Science/B Laws

**Notes**
- 'B' for 'Bachelor of'
- 'M' for 'Master of'
- 'D' for 'Doctor of'
- '†' Entry to these courses is by application
SHARED POOL OF MAJORS AND MINORS

The shared pool of majors and minors allows you to explore a wide range of study areas within your degree as you acquire multidisciplinary knowledge and critical analytical skills that complement your primary area of study.

The shared pool is available to all students studying the Bachelor of Arts, Bachelor of Commerce, Bachelor of Design Computing, Bachelor of Economics, Bachelor of Science, and Bachelor of Visual Arts, as well as all Bachelor of Advanced Studies degrees.

Combine your primary major with a major or minor in one of the areas below.

**Architecture and interaction design**
- Design

**Arts and social sciences**
- Agricultural and Resource Economics
- American Studies
- Ancient Greek
- Ancient History
- Anthropology
- Arabic Language and Cultures
- Archaeology
- Art History
- Asian Studies
- Biblical Studies and Classical Hebrew
- Chinese Studies
- Cultural Studies
- Digital Cultures
- Economic Policy
- Economics
- English
- European Studies
- Film Studies
- French and Francophone Studies
- Gender Studies
- Germanic Studies
- Hebrew (Modern)
- History
- Indigenous Studies
- Indonesian Studies
- International and Comparative Literary Studies
- International Relations
- Italian Studies
- Japanese Studies
- Jewish Civilisation, Thought and Culture
- Korean Studies
- Latin
- Linguistics
- Modern Greek
- Philosophy
- Political Economy
- Politics
- Socio-legal Studies
- Sociology
- Spanish and Latin American Studies
- Studies in Religion
- Theatre and Performance Studies
- Visual Arts

**Business**
- Accounting
- Banking
- Business Analytics
- Business Information Systems
- Business Law
- Finance
- Industrial Relations and Human Resource Management
- International Business
- Management
- Marketing
Most of the majors listed in the shared pool can also be taken as minors. You also have the opportunity to study minors in Australian Literature, Celtic Studies, Criminology, Diversity Studies, Sanskrit, Social Policy, Writing Studies, Immunology, Pathology, Plant Science, Wildlife Conservation and Virology.

<table>
<thead>
<tr>
<th>Education and social work</th>
<th>Health, medicine and dentistry</th>
<th>Science, agriculture, environment and veterinary science</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Education</td>
<td>- Anatomy and Histology</td>
<td>- Animal Health, Disease and Welfare</td>
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<tr>
<td></td>
<td>- Applied Medical Science</td>
<td>- Animal Production</td>
</tr>
<tr>
<td></td>
<td>- Health</td>
<td>- Behavioural Sciences</td>
</tr>
<tr>
<td></td>
<td>- Hearing and Speech</td>
<td>- Biochemistry and Molecular Biology</td>
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<tr>
<td></td>
<td>- Immunology and Pathology</td>
<td>- Biology</td>
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<td></td>
<td>- Infectious Diseases</td>
<td>- Cell and Developmental Biology</td>
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<td></td>
<td>- Neuroscience</td>
<td>- Chemistry</td>
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<td></td>
<td>- Pharmacology</td>
<td>- Data Science</td>
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<td></td>
<td>- Physiology</td>
<td>- Ecology and Evolutionary Biology</td>
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<td></td>
<td>- Environmental Studies</td>
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<td></td>
<td></td>
<td>- Environmental Studies</td>
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<td>- Financial Mathematics and Statistics</td>
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<td>- Food Science</td>
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<td>- Genetics and Genomics</td>
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<td>- Geography</td>
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<td>- Music</td>
<td>- Geology and Geophysics</td>
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<td></td>
<td>- History and Philosophy of Science</td>
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<td></td>
<td>- Marine Sciences</td>
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<td></td>
<td></td>
<td>- Mathematics</td>
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<td></td>
<td></td>
<td>- Medicinal Chemistry</td>
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<td>- Microbiology</td>
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<td></td>
<td>- Nutrition Science</td>
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<td></td>
<td></td>
<td>- Physics</td>
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<td></td>
<td></td>
<td>- Plant Production</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Quantitative Life Sciences</td>
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<tr>
<td></td>
<td></td>
<td>- Soil Sciences and Hydrology</td>
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<td></td>
<td></td>
<td>- Statistics</td>
</tr>
</tbody>
</table>
We offer a wide choice of courses – from architecture to business, law, science and sustainability. You will be taught by world-class academics who look at problems from every angle, drawing on expertise from many different fields to find solutions.

**Architecture, urbanism and interaction design**

Invent with intent. When you study architecture, urbanism or interaction design at the University of Sydney, you’ll combine creative flair with finely tuned technical skills to shape the spaces, services and experiences – both physical and digital – in which we live, work and play. From designing a single house to master planning entire cities, opportunities for architects and urban planners abound.

We are ranked first in Australia and 15th in the world for our architecture and built environment subjects.*

Our undergraduate and postgraduate programs in Interaction Design provide specialised training for the rapidly emerging fields of user experience (UX) and creative technologies. You’ll join the leading edge of interaction design through websites, mobile applications and services for the internet of things.

*QS World University Rankings by Subject 2017
Arts and social sciences

To the ancient Greeks, the liberal arts were the ultimate mark of an educated person, preparing them for success in public life. Today’s digital world demands the same creativity, logic and critical-thinking skills, and you can develop all these and more by studying the humanities, economics, social sciences or visual arts.

Bring your intellectual curiosity and we’ll provide more than 45 majors for you to choose from, including anthropology, Asian or European studies, economics, history and Indigenous studies. You can explore archaeology, gender and culture, financial economics and econometrics, politics and international relations, literature, languages and linguistics, digital media, theatre and performance, sociology and social policy.

Business

There is nothing ‘business as usual’ about the University of Sydney Business School. When you study with us you will gain the in-depth knowledge and targeted skills essential for succeeding in business or building your own start-up. We provide a broad range of majors essential for tomorrow’s leaders, including accounting, banking, data analysis and information systems, economics, entrepreneurship, finance, international business, management and marketing.

Postgraduate students can choose from a Master of Management, MBA and a full suite of postgraduate and professional development courses. We are the only business school in Australia to achieve membership to CEMS – the Global Alliance in Management Education – as well as international accreditation from AACSB and EQUIS.
Education and social work

“One book, one pen, one child and one teacher can change the world,” said Pakistani activist and Nobel laureate Malala Yousafzai. Through teaching or social work you can make a world of difference. At the University of Sydney you’ll explore ideas and issues in your chosen field to become a highly informed practitioner and a lifelong learner.

Our education degrees are accredited by the NSW Education Standards Authority, and our social work degrees are accredited by the Australian Association of Social Workers. We have education programs in early childhood, primary and high school teaching with diverse specialisations including drama, English and languages, science, mathematics, economics, physical education, history, music and social sciences.

Studying social work will engage you in policy development, frontline social care, counselling, advocacy and community development.

Engineering and information technologies

“What we consider to be impossible are simply engineering problems,” physics professor and futurist Michio Kaku says. From wi-fi to space travel, engineers, project managers and information technology professionals develop innovative and sustainable solutions to society’s greatest problems. When you study at the University of Sydney, you can be part of achieving the impossible.

Our students work closely with leading academics, researchers and industry partners to create smarter ways of running our planet. They help airlines to fly cleaner and farmers to increase crop yields, explore deep under water or in outer space and bring solar power to remote communities.

Engineering and IT are the fields of the future – 75 percent of the fastest-growing occupations need STEM skills and knowledge.”

*Australian Industry Group research report: Lifting our Science, Technology, Engineering and Mathematics (STEM) Skills
Health, medicine and dentistry

They say healthy people are a nation’s greatest asset. Health is one of the fastest-growing sectors in Australia and around the world – doctors, dentists, nurses, pharmacists and health professionals of all kinds are in constant demand. The University of Sydney is ranked second in Australia and ninth in the world for nursing, and number one in Australia and 15th in the world for medicine.* We also offer the largest range of health courses of any Australian university, giving you many rewarding career options. Our graduates are globally aware, highly skilled and go on to improve lives for individuals, families and communities across the world.

Alongside degrees in medicine, dentistry, pharmacy and nursing, we offer courses in exercise and sports science, diagnostic radiography, exercise physiology, occupational therapy, physiotherapy, speech pathology, and nutrition and dietetics. You can study the human body from head to toe or explore the bigger picture in population health, healthcare management, e-health and health policy.

Law

Law is everywhere and affects everything. The study of law combined with a degree in the humanities, sciences, economics or engineering offers you the freedom to develop your interest in just about anything. The University of Sydney Law School has a 150-year tradition of academic strength and strong ties with the legal profession – our degrees can take you around the world. We were ranked 13th in the world for the discipline of law in the 2017 QS World University Rankings by Subject.

With flexible programs covering crime, constitutional law, contracts, banking and finance, media law, social justice and more, you will learn to apply various areas of law to real cases. From geopolitics in international law to global warming in environmental law, medicine in tort law and sociology in family law, you will gain sharp social observation skills and a deep sense of ethics and community service.

*QS World University Rankings by Subject 2017
Science, agriculture, environment and veterinary science

At the University of Sydney we’ve revolutionised our science degrees. We’ve united our expertise in science, agriculture, environment and veterinary sciences to revamp our courses completely and offer you the broadest possible choice. Alongside biology, chemistry and physics, we have new courses in nanoscience, food science, data science, applied medical sciences, life sciences and health.

Science is behind rapid advancements in technology and holds the key to environmental challenges. Studying science at Sydney can take you from the nanoscale to the cosmic, the soil to the stars, through biological, chemical and physical processes to understanding disease in people, animals and plants and how to prevent it. You can study in some of the world’s best scientific facilities, including the Sydney Nanoscience Hub or the Westmead medical precinct.

The University is ranked 11th in the world, and first in Australia, for veterinary science.*

Music

“I often think in music,” physicist Albert Einstein said. “I see my life in terms of music.” At the Sydney Conservatorium of Music, one of the most prestigious music schools in the Asia-Pacific region, music is our life. We’ve been at the heart of Sydney’s cultural history for more than a century. Your musical future looks bright.

We welcome postgraduate students in diverse areas of research, particularly ethnomusicology and Indigenous music. You can study musicology, conducting, composition, instruments (piano, organ, strings, brass, woodwind, percussion and voice) and styles (from classical to jazz and contemporary to digital music and media).

Our undergraduate degrees in composition, performance, contemporary music and music education allow you to combine your music studies with a range of other subjects from across the University.

*QS World University Rankings by Subject 2017
UNDERGRADUATE COURSES
All the courses in these tables are CRICOS registered for international students who intend to study full time in Australia on a student visa, unless indicated otherwise. For a more accurate listing of current courses, visit the CRICOS register:
- cricos.education.gov.au

The qualification and entry score list on our entry table is only a small sample of the qualifications the University accepts. For a full list of qualifications, visit:
- sydney.edu.au/study/secondary-qualifications

For a guide to entry scores for a number of common secondary qualifications, visit:
- sydney.edu.au/ug-entry

Please note that the entry requirements published are a guide only and are subject to change. Entry requirements vary from year to year and the entry scores listed in this guide will not necessarily result in an offer of a place. Additional requirements may also apply for some courses. For more information, please refer to the University’s ‘Find a course’ website at:
- sydney.edu.au/courses

**Double degree progression requirements**

Double degrees listed in this guide, such as those combined with the Doctor of Medicine or Doctor of Dental Medicine, have progression requirements that must be satisfied before students can be admitted to the second degree. You can find important information on these progression rules in the relevant faculty handbook at:
- sydney.edu.au/handbooks

**Important tuition fee information**

Tuition fees listed in this course table are:
- quoted in Australian dollars and correct at the time of publication
- indicative tuition fees for study in Year 1, in the 2018 calendar year only
- set for each course based on a full-time student enrolment load of 48 credit points per year, or 1.0 Equivalent Full-Time Student Load (1.0 EFTSL). If your study load for the year is more or less than 1.0 EFTSL, your tuition fee will differ.

**Annual review**

Importantly, tuition fees are subject to annual review by the University and will increase each year, effective at the start of each calendar year.
B Veterinary Biology/D Veterinary Medicine (combined degree) tuition fees
This combined degree has a combination of undergraduate components (Bachelor of Veterinary Biology) in years 1 and 2, and postgraduate components (Doctor of Veterinary Medicine, DVM), in years 3 to 6.

The course table on page 45 lists two separate tuition fee rates for the combined degree. You will be paying higher tuition fees in Years 3 to 6 than in Years 1 and 2 of the combined degree.

The first tuition fee in the course table is for students commencing the combined degree in 2018 for Year 1. This fee is indicative and subject to annual increases for each year of your study.

The second tuition fee is for students commencing the DVM in 2018 for Year 1. Your Year 3 commencing tuition fee for the DVM component, and the tuition fees each year thereafter, will be subject to a number of reviews and indexation before you may be eligible to commence.

At the time of publication, the University is unable to provide you with a precise indication of your Year 3 commencing tuition fees for the DVM component of the combined degree (Years 3 to 6).

Combined degree tuition fees
For combined degrees (refer to the glossary on page 112 for a definition), where there is one indicative tuition fee (Year 1, 2018 only), listed in the course table on pages 42 to 45, a single course tuition fee rate applies for the duration of your study in the combined degree, regardless of the units of study that are selected in each of the two qualifications (eg, B Arts and B Laws).

The tuition fee listed for Year 1, 2018 is subject to annual review and will increase each year of your study in the combined degree. The tuition fee structure for the B Veterinary Biology/D Veterinary Medicine combined degree is different – please see the tuition fees information above.

Double degree tuition fees (undergraduate to postgraduate) – price differentiation
In a double degree students complete two qualifications under one set of course resolutions with no cross-crediting of units of study between the qualifications (see the glossary on page 112 for a definition). The course table on pages 42 and 45 lists two separate tuition fee rates for double degrees that comprise an undergraduate degree and a postgraduate degree, with a higher tuition fee rate applying to the postgraduate degree.

The first tuition fee is for students commencing the undergraduate degree in 2018, as part of the double degree, for Year 1. The fee is indicative and subject to annual increases for each year of your study.

The second tuition fee is for students commencing the postgraduate degree in 2018 for Year 1. This fee will also be subject to a number of annual reviews and indexation before you may be eligible to commence your study in the postgraduate degree.

At the time of publication, the University is unable to provide you with a precise indication of your commencing Year 1 tuition fees for the postgraduate degree.

Other costs
There are other costs in addition to tuition fees. For important fee-related information, refer to the fees and costs information on page 108.
A+C
A combination of ATAR (Australian Tertiary Admissions Rank) or equivalent score plus additional selection criteria (e.g., portfolio, audition, interview). Check the additional selection criteria on pages 106 and 107 for more information. You can also check the details for your specific degree online at:
- sydney.edu.au/courses

n/a
Not applicable as an entry score cannot be applied.

Assumed knowledge
Under the assumed knowledge column, subjects generally refer to the NSW Higher School Certificate (HSC) curriculum or equivalent in other qualifications. Mathematics refers to the HSC course, Mathematics (not Mathematics General). To better understand the equivalent level expected in other qualifications, you can refer to the HSC syllabus:
- www.boardofstudies.nsw.edu.au/syllabus_hsc

For more information, refer to the glossary on page 112.

Majors and minors
The majors and minors listed are indicative only and are subject to change. For the most up-to-date list of major and minor options available, please visit
- sydney.edu.au/handbooks

English – IELTS
The first score is the overall score required, the second score(s) in brackets is the minimum score required in each component (L for Listening, R for Reading, S for Speaking and W for Writing). For more information on other tests and meeting English requirements, refer to the academic and English language requirements section (pages 104 and 105) or visit:
- sydney.edu.au/ug-int-english

GCE A Levels
General Certificate of Education Advanced Levels (includes UK GCE and Cambridge overseas qualifications).
- All students must complete a minimum of three Advanced Level (A Level) subjects.
- No more than four A Level subjects will be considered for admission.
- Subjects must usually be presented in the same academic year, with at most one A Level or Advanced Subsidiary (AS) subject which may be included from the preceding academic year, or at most one A Level subject which may be included from the following academic year.
- Students presenting only three A Level subjects can include one AS subject that has not been undertaken at A Level.
- Lower case in the table denotes AS subjects.

The combination of grades listed is only a guide and students can meet the entry requirements through other grade combinations. As a guide, an aggregate of grades similar to the aggregate derived for the combination of grades listed can be worked out based on A*=140, A=120, B=100, C=80, D=60, E=40, a=60, b=50, c=40, d=30, e=20.

International Baccalaureate (IB) Diploma
Entry is based on the total score for the completed IB Diploma.

USFP
University of Sydney Foundation Program - The USFP scores can serve as a guide to entry for other foundation programs. However, students should note that, depending on the foundation program, the requirements may vary from course to course. Some foundation programs are expressed as a percentage. In this table an 8 is equal to 80 percent, 9.5 is 95 percent and so on. Separate English requirements will also apply.

ACT
American College Test (ACT) composite score – Applicants must also present the optional essay component of the ACT with a 50 percent pass mark. Evidence of graduation from a senior secondary
qualification is also required. ACT scores required

SAT
Scholastic Aptitude Test (SAT 1) composite score for
tests taken from 2016. Applicants must also present
the optional essay component with a 50 percent
pass mark. Evidence of graduation from a senior
secondary qualification is also required. SAT scores
required can be lower for applicants presenting
Advanced Placement tests (APs) with a score of 4 or better.

For test scores prior to the new SAT, refer to the
relevant regional entry table:
- sydney.edu.au/ug-entry

^ Teaching programs: Bachelor of Education
(Primary), Bachelor of Education (Health and
Physical Education), and Bachelor of Music
(Music Education)

Students entering these teaching programs need
to achieve a minimum of three Band 5s in their NSW
HSC, one of which must be English (not English as a
Second Language (ESL)). Similar requirements will
be applied to the IB and other Australian Year 12
qualifications.

For other secondary qualifications you need to
achieve the minimum scores provided as a guide and
good results in English (not ESL). If you also need
to meet English proficiency requirements through
a test such as IELTS, you need to complete those
requirements separately.

* Double degree Medicine and Dentistry
Double degree medicine degrees are expected
to have an ATAR of 99.95 (or equivalent scores for
other accepted secondary school qualifications) for
domestic applicants and a similarly high threshold
for international applicants. Check the relevant
website for more information.
- sydney.edu.au/medicine/ddmp

The double degree Dentistry program is expected
to have a minimum ATAR of 99.5 (or equivalent
scores for other secondary school qualifications) for all students.

All eligible Dentistry and Medicine double degree
applicants are also required to undertake a double
degree Medicine/Dentistry assessment which is
comprised of a written assessment and a faculty
discussion session. The University will contact
eligible applicants for the assessment.

Admission criteria and application processes for
these courses are subject to change without notice.
Check the additional selection criteria on pages 106
and 107 for more information.

** Sciences Po and the University of Sydney
Dual Degrees
Admission to the Dual Degree program is highly
competitive. Acceptance to the program will be
determined by a Sciences Po and University of
Sydney Dual Degree Admissions Committee based on
evidence of academic achievement and intellectual
readiness, and on applicants’ own representation of
their experience, ideas and aspirations. Applicants
need to also meet the minimum admission
requirements for their degree of choice at the
University of Sydney, including English language
requirements.

The Sciences Po program requires a total of four
years of full-time study to be eligible for two
separate awards from Sciences Po and the University
of Sydney. During years 1-2, students will enrol at
Sciences Po, France and pay the applicable fee
direct to Sciences Po. During years 3-4, students
enrol in the applicable Sydney degree (international
students enrol in the applicable CRICOS-registered
Sydney degree), with eligible transfer credits for
studies undertaken at Sciences Po. Students will
pay the applicable Sydney fee in years 3-4 to the
University of Sydney.

For more information on entry requirements, tuition
fees and application processes, visit the relevant
course page:
- sydney.edu.au/courses

◊ Bachelor of Nursing Post Registration (Singapore)
This course is delivered in Singapore by a third party
 provider and is not available for full-time study in
Australia on a student visa. For more information,
refer to the Singapore Institute of Management
website.
- www.simge.edu.sg

EFTSL
Equivalent Full-Time Student Load.

‡ Dalyell Scholars courses (by application)
Enter to these Dalyell Scholars courses is by
application. Several other courses can be studied
through the Dalyell Scholars program by invitation
only. For a full list of courses available through the
Dalyell Scholars program, see page 29.
Below are the Australian Tertiary Admission Rank (ATAR) and equivalent entry scores for some common qualifications for 2017. These scores are a guide and can change from year to year, but this gives you an indication of what you will need to gain entry in 2018. You can also find out the indicative entry requirements for our new combined Bachelor of Advanced Studies degrees.

For an expanded list of qualifications and entry scores, visit sydney.edu.au/ug-entry

<table>
<thead>
<tr>
<th>Course Name</th>
<th>IELTS</th>
<th>ATAR</th>
<th>USFP</th>
<th>GCE A Levels</th>
<th>IB</th>
<th>ACT</th>
<th>SAT</th>
<th>Commencing semester</th>
<th>Duration in years (full time)</th>
<th>2018 indicative tuition fee (A$)/EFTSL***</th>
<th>Page number</th>
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</thead>
<tbody>
<tr>
<td><strong>Architecture and interaction design</strong></td>
<td></td>
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</tr>
<tr>
<td>B Architecture and Environments</td>
<td>7.0 (6.0)</td>
<td>80.00</td>
<td>6.9</td>
<td>ABC/B</td>
<td>28</td>
<td>23</td>
<td>1140</td>
<td>M</td>
<td>3</td>
<td>39,500</td>
<td>49</td>
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<tr>
<td>B Design Computing</td>
<td>7.0 (6.0)</td>
<td>80.00</td>
<td>6.9</td>
<td>ABC/B</td>
<td>28</td>
<td>23</td>
<td>1140</td>
<td>M/J</td>
<td>3</td>
<td>39,500</td>
<td>54</td>
</tr>
<tr>
<td>B Design Computing/B Advanced Studies</td>
<td>7.0 (6.0)</td>
<td>80.00</td>
<td>6.9</td>
<td>ABC/B</td>
<td>28</td>
<td>23</td>
<td>1140</td>
<td>M/J</td>
<td>4</td>
<td>39,500</td>
<td>54</td>
</tr>
<tr>
<td>B Design in Architecture</td>
<td>7.0 (6.0)</td>
<td>90.00</td>
<td>7.5</td>
<td>ABC/B</td>
<td>33</td>
<td>26</td>
<td>1270</td>
<td>M</td>
<td>3</td>
<td>39,500</td>
<td>54</td>
</tr>
<tr>
<td>B Design in Architecture (Honours)/M Architecture</td>
<td>7.0 (6.0)</td>
<td>92.00</td>
<td>7.7</td>
<td>ABC/B</td>
<td>34</td>
<td>27</td>
<td>1290</td>
<td>M</td>
<td>5</td>
<td>39,500</td>
<td>55</td>
</tr>
<tr>
<td><strong>Arts and social sciences</strong></td>
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</tr>
<tr>
<td>B Arts</td>
<td>6.5 (6.0)</td>
<td>80.00</td>
<td>6.9</td>
<td>ABC/B</td>
<td>28</td>
<td>23</td>
<td>1140</td>
<td>M/J</td>
<td>3</td>
<td>37,000</td>
<td>50</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies</td>
<td>6.5 (6.0)</td>
<td>80.00</td>
<td>6.9</td>
<td>ABC/B</td>
<td>28</td>
<td>23</td>
<td>1140</td>
<td>M/J</td>
<td>4</td>
<td>38,500</td>
<td>51</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (Dalyell Scholars including Languages)**</td>
<td>6.5 (6.0)</td>
<td>80.00</td>
<td>6.9</td>
<td>ABC/B</td>
<td>28</td>
<td>23</td>
<td>1140</td>
<td>M/J</td>
<td>4</td>
<td>38,500</td>
<td>51</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (International and Global Studies)</td>
<td>6.5 (6.0)</td>
<td>87.00</td>
<td>7.4</td>
<td>ABC/B</td>
<td>31</td>
<td>25</td>
<td>1220</td>
<td>M</td>
<td>4</td>
<td>38,500</td>
<td>51</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (Media and Communications)</td>
<td>7.5 (7.0)</td>
<td>90.00</td>
<td>7.5</td>
<td>ABC/B</td>
<td>33</td>
<td>26</td>
<td>1270</td>
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*B* for ‘Bachelor of’, *M* for ‘Master of’, *D* for ‘Doctor of’

** are courses available through the Dalyell Scholars program. For a list of Dalyell Scholars courses, see page 29.
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*** Tuition fees are subject to annual increases each year. For further information, see pages 38-39.
A+C, n/a, *, **, ◊: See ‘Table notes’ on pages 40 and 41.
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### Health, medicine and dentistry

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Ø The B Veterinary Biology/D Veterinary Medicine lists two tuition fee rates. The first tuition fee is for students commencing the combined degree in 2018 for Year 1. The second tuition fee is for students commencing the DVM in 2018 for Year 1. Tuition fees are subject to annual review and will increase each year of your study. Refer to important fee information on page 39.

# This double degree lists two tuition fee rates. The first tuition fee is for students commencing in the undergraduate degree in 2018 for Year 1. The second tuition fee is for students commencing the postgraduate degree in 2018 for Year 1. Tuition fees are subject to annual review and will increase each year of your study. Refer to important fee information on page 38.

*** Tuition fees are subject to annual increases each year. For further information, see pages 38-39.
A+C, n/a, *, **, ◊: See ‘Table notes’ on pages 40 and 41.
Below you can find out the Australian Tertiary Admission Rank (ATAR) or International Baccalaureate (IB) scores for 2017. These entry scores are a guide and can change from year to year, but this gives you an indication of what you need to gain entry in 2018. You can also find out the indicative entry requirements for our new combined Bachelor of Advanced Studies degrees.

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*B* for ‘Bachelor of’, *M* for ‘Master of’, *D* for ‘Doctor of’

‡ are courses available through the Dalyell Scholars program. For a list of Dalyell Scholars courses, see page 29.
<table>
<thead>
<tr>
<th>Course name</th>
<th>ATAR/IB</th>
<th>Duration in years</th>
<th>See page</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Engineering Honours/B Project Management</td>
<td>90/33</td>
<td>5</td>
<td>60</td>
</tr>
<tr>
<td>B Engineering Honours/B Science</td>
<td>90/33</td>
<td>5</td>
<td>60</td>
</tr>
<tr>
<td>B Project Management</td>
<td>85/31</td>
<td>3</td>
<td>63</td>
</tr>
<tr>
<td><strong>Health, medicine and dentistry</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Applied Science (Diagnostic Radiography)</td>
<td>95/37</td>
<td>4</td>
<td>49</td>
</tr>
<tr>
<td>B Applied Science (Exercise and Sport Science)</td>
<td>82/29</td>
<td>3</td>
<td>49</td>
</tr>
<tr>
<td>B Applied Science (Exercise Physiology)</td>
<td>90/33</td>
<td>4</td>
<td>49</td>
</tr>
<tr>
<td>B Applied Science (Occupational Therapy)</td>
<td>92/34</td>
<td>4</td>
<td>49</td>
</tr>
<tr>
<td>B Applied Science (Physiotherapy)</td>
<td>99/42</td>
<td>4</td>
<td>49</td>
</tr>
<tr>
<td>B Applied Science (Speech Pathology)</td>
<td>95/35</td>
<td>4</td>
<td>49</td>
</tr>
<tr>
<td>B Arts/D Medicine*</td>
<td>A+C (99.95/45)</td>
<td>7</td>
<td>53</td>
</tr>
<tr>
<td>B Arts/M Nursing</td>
<td>80/28</td>
<td>4</td>
<td>53</td>
</tr>
<tr>
<td>B Nursing (Advanced Studies)</td>
<td>84/31</td>
<td>3</td>
<td>62</td>
</tr>
<tr>
<td>B Oral Health</td>
<td>A+C</td>
<td>3</td>
<td>62</td>
</tr>
<tr>
<td>B Pharmacy</td>
<td>90/33</td>
<td>4</td>
<td>62</td>
</tr>
<tr>
<td>B Pharmacy and Management</td>
<td>90/33</td>
<td>5</td>
<td>62</td>
</tr>
<tr>
<td>B Science/D Dental Medicine*</td>
<td>A+C (99.95/43)</td>
<td>7</td>
<td>66</td>
</tr>
<tr>
<td>B Science/D Medicine*</td>
<td>A+C (99.95/45)</td>
<td>7</td>
<td>67</td>
</tr>
<tr>
<td>B Science/M Nursing</td>
<td>80/28</td>
<td>4</td>
<td>67</td>
</tr>
<tr>
<td>B Science (Health)/M Nursing</td>
<td>80/28</td>
<td>4</td>
<td>67</td>
</tr>
<tr>
<td><strong>Law</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Arts/B Laws</td>
<td>99.5/43</td>
<td>5</td>
<td>52</td>
</tr>
<tr>
<td>B Commerce/B Laws</td>
<td>99.5/43</td>
<td>5</td>
<td>54</td>
</tr>
<tr>
<td>B Economics/B Laws</td>
<td>99.5/43</td>
<td>5</td>
<td>56</td>
</tr>
<tr>
<td>B Engineering Honours/B Laws</td>
<td>99.5/43</td>
<td>6</td>
<td>60</td>
</tr>
<tr>
<td>B Science/B Laws</td>
<td>99.5/43</td>
<td>5</td>
<td>66</td>
</tr>
</tbody>
</table>

### Music

<table>
<thead>
<tr>
<th>Course name</th>
<th>ATAR/IB</th>
<th>Duration in years</th>
<th>See page</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Music</td>
<td>A+C</td>
<td>4</td>
<td>61</td>
</tr>
<tr>
<td>B Music (Composition)</td>
<td>A+C</td>
<td>4</td>
<td>61</td>
</tr>
<tr>
<td>B Music (Music Education)^</td>
<td>A+C</td>
<td>4</td>
<td>61</td>
</tr>
<tr>
<td>B Music (Performance)</td>
<td>A+C</td>
<td>4</td>
<td>61</td>
</tr>
</tbody>
</table>

### Science, agriculture, environment and veterinary science

<table>
<thead>
<tr>
<th>Course name</th>
<th>ATAR/IB</th>
<th>Duration in years</th>
<th>See page</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Liberal Arts and Science</td>
<td>70/25</td>
<td>3</td>
<td>61</td>
</tr>
<tr>
<td>B Psychology</td>
<td>96/38</td>
<td>4</td>
<td>63</td>
</tr>
<tr>
<td>B Science</td>
<td>80/28</td>
<td>3</td>
<td>63</td>
</tr>
<tr>
<td>B Science (Health)</td>
<td>80/28</td>
<td>3</td>
<td>63</td>
</tr>
<tr>
<td>B Science (Medical Science)</td>
<td>90/33</td>
<td>3</td>
<td>64</td>
</tr>
<tr>
<td>B Science/B Advanced Studies</td>
<td>80/28</td>
<td>4</td>
<td>64</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Dalyell Scholars including Mathematical Sciences)</td>
<td>98/40</td>
<td>4</td>
<td>64</td>
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<tr>
<td>B Science/B Advanced Studies (Advanced)</td>
<td>95/37</td>
<td>4</td>
<td>65</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Agriculture)</td>
<td>80/28</td>
<td>4</td>
<td>65</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Animal and Veterinary Bioscience)</td>
<td>80/28</td>
<td>4</td>
<td>65</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Food and Agribusiness)</td>
<td>80/28</td>
<td>4</td>
<td>65</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Health)</td>
<td>80/28</td>
<td>4</td>
<td>66</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Medical Science)</td>
<td>90/33</td>
<td>4</td>
<td>66</td>
</tr>
<tr>
<td>B Science/M Nutrition and Dietetics</td>
<td>97/39</td>
<td>5</td>
<td>67</td>
</tr>
<tr>
<td>B Veterinary Biology/D Veterinary Medicine</td>
<td>A+C</td>
<td>6</td>
<td>67</td>
</tr>
</tbody>
</table>

A+C, n/a, ^, *, **: See ‘Table notes’ on pages 40 and 41.
### UNDERGRADUATE COURSES A-Z

<table>
<thead>
<tr>
<th>Course description</th>
<th>Majors and minors</th>
<th>Assumed knowledge</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Advanced Computing</td>
<td>The Bachelor of Advanced Computing is designed with your computing career in mind. It develops practical and theoretical skills across the computing, information technology and business transformation industries. With Australia’s most innovative IT course, you can combine your passion for computing with one of more than 100 cross-disciplinary majors as you cultivate specialist industry knowledge and computing expertise.</td>
<td>Computer science, computational data science, information systems, software development. A second major or a minor may also be taken from the shared pool.</td>
<td>Computer programmer, computer system administrator, consultancy, information services management systems analyst, software engineer, web development and management</td>
</tr>
<tr>
<td>B Advanced Computing/ B Science</td>
<td>Designing the digital world is big business. The combined Bachelor of Advanced Computing and Bachelor of Science program will develop your knowledge, skills in computing and IT while cultivating business expertise. It combines practical learning with industry opportunities to launch your career as a leader of innovation and business transformation.</td>
<td>Refer to B Advanced Computing and B Science.</td>
<td>Accountant, business systems analyst, computer programmer, computer system administrator, economist, financial specialist, information services management, management consultant, project manager, software engineer, web development and management</td>
</tr>
<tr>
<td>B Advanced Computing/ B Science (Health)</td>
<td>Redefine the digital and physical landscapes. The combined Bachelor of Advanced Computing and Bachelor of Science (Health) program will develop your technical skills in computing and IT while cultivating your knowledge of scientific enquiry. Underpinned by critical analytical and leadership skills, you will be positioned to transform our world for the better.</td>
<td>Refer to B Advanced Computing and B Science (Health).</td>
<td>Computer programmer, consultancy, corporate health, disability and ageing management and research, global health research and policy analyst, hospital management, information services management, mental health and safety, software engineer, web development and management</td>
</tr>
<tr>
<td>B Advanced Computing/ B Science (Medical Science)</td>
<td>Transform the health industry and beyond. The combined Bachelor of Advanced Computing and Bachelor of Science (Medical Science) program will develop your technical skills in computing and IT while you also explore the latest developments in health and healthcare systems. Combine research and interdisciplinary study to lead the next wave of healthcare innovation.</td>
<td>Refer to B Advanced Computing and B Science (Medical Science).</td>
<td>Computer programmer, consultancy, doctor (after further study in medicine), geneticist, infectious diseases researcher, information services management, microbiologist, pathologist, software engineer, systems analyst, web development and management</td>
</tr>
</tbody>
</table>

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B for 'Bachelor of', M for 'Master of', D for 'Doctor of', Dip for 'Diploma of'
<table>
<thead>
<tr>
<th>Course Description</th>
<th>Majors and Minors</th>
<th>Assumed Knowledge</th>
<th>Career Possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B Applied Science (Diagnostic Radiography)</strong></td>
<td>Learn the skills to create meaningful medical images. In the Bachelor of Applied Science (Diagnostic Radiography) you will learn to use equipment ranging from small mobile X-ray machines to larger units; from MRI and CT scanners to sophisticated cardiac units, enabling timely and accurate patient diagnoses.</td>
<td>This degree covers studies in anatomy, biological sciences, equipment and imaging techniques, image processing, pathology, physics, psychology and radiation biology.</td>
<td>Recommended studies: Mathematics plus one of Physics, Biology or Chemistry</td>
</tr>
<tr>
<td><strong>B Applied Science (Exercise and Sport Science)</strong></td>
<td>The Bachelor of Applied Science (Exercise and Sport Science) develops the skills to integrate exercise and physical activity with disease prevention and the promotion of good health, rehabilitation, nutrition and sports performance. Graduates are eligible for membership with Exercise and Sport Science Australia and professional registration as an exercise scientist.</td>
<td>This degree covers studies in anatomy, biochemistry, biomechanics, learning and control of human movement, nutrition, physiology/exercise physiology, and the application of these fundamental sciences to sport, exercise, ageing, public health, rehabilitation and research.</td>
<td>Chemistry and Mathematics Exercise scientist, coach, personal trainer, strength and conditioning specialist</td>
</tr>
<tr>
<td><strong>B Applied Science (Exercise Physiology)</strong></td>
<td>The Bachelor of Applied Science (Exercise Physiology) provides you with the knowledge, competencies and clinical experience required to deliver exercise and behaviour change strategies for the prevention and management of chronic disease. Graduates are eligible for both exercise science and exercise physiology accreditation through Exercise and Sport Science Australia.</td>
<td>This degree covers studies in biomechanics, clinical exercise practice, ergonomics, exercise physiology, functional anatomy, motor control and behaviour.</td>
<td>Chemistry and Mathematics Health and physical education (PDHPE) specialist</td>
</tr>
<tr>
<td><strong>B Applied Science (Occupational Therapy)</strong></td>
<td>The Bachelor of Applied Science (Occupational Therapy) will enable you to help people with disabilities, and those recovering from injury or with ongoing conditions to overcome barriers that may be preventing them from participating more fully in life. It teaches you alternative techniques that help them to achieve a given task and facilitate skill improvement.</td>
<td>This degree covers studies in human anatomy, neuroscience, occupational therapy theory and practice, psychology, social sciences.</td>
<td>Recommended studies: Biology Occupational therapist</td>
</tr>
<tr>
<td><strong>B Applied Science (Physiotherapy)</strong></td>
<td>The Bachelor of Applied Science (Physiotherapy) will teach you how to assess, diagnose and treat people with movement problems caused by a wide variety of joint, muscle and nerve disorders. You will also learn how to help people avoid injuries and maintain a fit and healthy body.</td>
<td>This degree covers studies in biomedical sciences, behavioural and social sciences, exercise science, human anatomy, human movement, neuroscience, theory and practice of musculoskeletal, neurological and cardiopulmonary physiotherapy across the lifespan.</td>
<td>Chemistry and Physics. Recommended studies: Mathematics Physiotherapist</td>
</tr>
<tr>
<td><strong>B Applied Science (Speech Pathology)</strong></td>
<td>Accredited by Speech Pathology Australia, the Bachelor of Applied Science (Speech Pathology) prepares you for professional practice as a speech pathologist. You will be involved in the study and treatment of communication and speech disorders in children and adults, including problems with speaking, comprehension, reading, writing, voice problems and stuttering.</td>
<td>This degree covers studies in anatomy, audiologia, linguistics and language development, neurobiology, phonetics, psychology, research methods, speech pathology specialist areas (eg, aphasia, cleft palate, dysarthria, dyslexia, stuttering).</td>
<td>Recommended studies: English (Advanced) Speech therapist</td>
</tr>
<tr>
<td><strong>B Architecture and Environments</strong></td>
<td>The Bachelor of Architecture and Environments provides a uniquely broad overview of the built environment through studies in design and architecture, urban planning, sustainability, heritage, building systems and construction and property.</td>
<td>Core areas of study in architectural and environmental design, architectural history and theory, architectural sciences and technologies, property and sustainability, urban design and planning. University of Sydney School of Architecture, Design and Planning electives may include acoustics, lighting, structures and design computing. Electives may also be taken in other faculties.</td>
<td>English (Advanced) and Mathematics Architecture, property and real estate, construction, project management, urban design, urban planning</td>
</tr>
</tbody>
</table>

See 'Table notes' on pages 40 and 41.
### Course description

**B Arts**  
3 years full time  
Dalyell by invitation

The Bachelor of Arts provides an outstanding liberal arts education. It prepares you to meet the challenges of the modern workforce, where expertise, inventiveness, logic and critical thinking come to the fore.

Whether you wish to learn a new language or study a new culture, explore great books, ideas or minds, discover the past, analyse the present or consider the shape of the world’s future, this degree will expand your horizons and challenge you to think outside the box.

### Majors and minors

- Agricultural and resource economics
- American studies
- Ancient Greek
- Ancient history
- Anthropology
- Arabic language and cultures
- Archaeology
- Art history
- Asian studies
- Biblical studies
- Classical Hebrew
- Celtic studies
- Chinese studies
- Criminology
- Cultural studies
- Digital cultures
- Diversity studies
- Economics
- Economic policy
- English
- European studies
- Film studies
- French and francophone studies
- Gender studies
- Germanic studies
- Hebrew (modern)
- History
- Indigenous studies
- Indonesian studies
- International comparative literary studies
- International relations
- Italian studies
- Jewish civilisation
- Korean studies
- Latin
- Linguistics
- Modern Greek studies
- Music
- Philosophy
- Political economy
- Politics
- Psychology
- Sanskrit
- Social policy
- Sociology
- Spanish
- Latin American studies
- Studies in religion
- Theatre and performance studies
- Writing studies

A second major or a minor may also be taken from these options or from the shared pool.

### Assumed knowledge

Assumed on Arts subjects chosen. Most subject areas in Arts require no previous knowledge. For Languages program: prior language learning experience is not required but recommended.

### Career possibilities

Anthropologist, archaeologist, business administrator or manager, economist, editor or publisher, foreign affairs and trade officer, government policy officer, historian, language specialist, journalist, museum or gallery curator, public relations manager, researcher, sociologist, teacher.

### B Arts (Dual Degree, Sciences Po, France)**

2+2 years full time

Are you ready for the opportunity of a lifetime? Travel abroad, immerse yourself in the French culture, learn a new language and complete a dual degree with a social science focus, all at the same time.

This four-year program enables you to work towards both a Bachelor of Arts degree at Sciences Po in France for the first two years, and a Bachelor of Arts degree at the University of Sydney for the remaining two years.

Refer to B Arts for Sydney majors.  
Refer to B Arts for information on studies in France, including units of study, refer to sydney.edu.au/arts/international/years_1_2.shtml

Refer to B Arts Anthropologist, archaeologist, business administrator or manager, economist, editor or publisher, foreign affairs and trade officer, government policy officer, historian, language specialist, journalist, museum or gallery curator, public relations manager, researcher, sociologist, teacher.
## B Arts/ B Advanced Studies

### Course description
This combined degree provides an outstanding liberal arts education. It prepares you to meet the challenges of the modern workforce, where expertise, inventiveness, logic and critical thinking come to the fore.

Whether you wish to learn a new language or study a new culture, explore great books, ideas or minds, discover the past, analyse the present or consider the shape of the world’s future, this degree will expand your horizons and challenge you to think outside the box.

In your fourth year you will undertake advanced coursework and a community, industry, research or entrepreneurship project that builds on the skills and knowledge developed in the Bachelor of Arts. You will also complete a second major, creating a study profile that reflects your expertise in a range of disciplines.

### Majors and minors
- Agricultural and resource economics; American studies; ancient Greek; ancient history; anthropology; Arabic language and cultures; archaeology; art history; Asian studies; Australian literature (minor only); biblical studies and classical Hebrew; Celtic studies (minor only); Chinese studies; criminology (minor only); cultural studies; digital cultures; diversity studies (minor only); economics; economic policy; English; European studies; film studies; French and francophone studies; gender studies; Germanic studies; Hebrew (modern); history; Indigenous studies; Indonesian studies; international comparative literary studies; international relations; Italian studies; Japanese studies; Jewish civilisation, thought and culture; Korean studies; Latin; linguistics; modern Greek studies; music; philosophy; political economy; politics; psychology (program); Sanskrit (minor only); social policy (minor only); socio-legal studies; sociology; Spanish and Latin American studies; studies in religion; theatre and performance studies; writing studies (minor only).

A second major must be taken from these options or from the shared pool.

### Assumed knowledge
Depending on subjects chosen. For language studies: prior language experience is not required but recommended.

### Career possibilities
- Anthropologist, archaeologist, business administrator or manager, economist, editor or publisher, foreign affairs and trade officer, government policy officer, historian, language specialist, journalist, museum or gallery curator, public relations manager.

The Bachelor of Arts/ Bachelor of Advanced Studies equips you with the breadth and depth of knowledge and the critical analytical skills to pursue an extensive range of established and emerging careers. It prepares you for the jobs of the future.

### B Arts/ B Advanced Studies (Dalyell Scholars including Languages) 

#### 4 years full time

As a Dalyell Scholar in the Bachelor of Arts/Bachelor of Advanced Studies, you will gain an outstanding liberal arts education. It prepares you to meet the challenges of the modern workforce, where expertise, inventiveness, logic and critical thinking come to the fore.

Your studies will be complemented by distinctive Dalyell units and a suite of enrichment opportunities. You will also complete a second major and in your final year will undertake advanced coursework and a substantial project.

Dalyell Scholars will have the option of completing a Languages program that will broaden your understanding of languages and culture, and open up a diverse range of global career opportunities.

Refer to B Arts/B Advanced Studies. A second major must also be taken from these options or from the shared pool.

As a Dalyell Scholar you will undertake 12 credit points of distinctive Dalyell units complemented by additional enrichment opportunities, including mentoring, professional skill development and a global mobility experience.

#### Assumed knowledge
- Depends on subjects chosen. For language studies: prior language experience is not required but recommended.

#### Career possibilities
- Anthropologist, archaeologist, business administrator or manager, economist, editor or publisher, foreign affairs and trade officer, government policy officer, historian, language specialist, journalist, museum or gallery curator, public relations manager.

The Bachelor of Arts/Bachelor of Advanced Studies equips you with the breadth and depth of knowledge and the critical analytical skills to pursue an extensive range of established and emerging careers. It prepares you for the jobs of the future.

## B Arts/ B Advanced Studies (International and Global Studies)

#### 4 years full time

Dalyell by invitation

This stream within the Bachelor of Arts and Bachelor of Advanced Studies gives you a rigorous understanding of the paradoxes and complex inter-connections of globalisation. A semester abroad at one of our leading partner universities deepens your knowledge and provides first-hand international experience.

You will also undertake a second major from a range of disciplines and advanced coursework, and complete a substantial final-year project.

Refer to B Arts/ B Advanced Studies.

#### Assumed knowledge
- Human rights advocate, policy adviser, diplomat, foreign correspondent, international business, journalist, parliamentary officer, foreign aid worker, communications consultant, community development program manager, embassy officer, social policy researcher, trade negotiator, consultant.
<table>
<thead>
<tr>
<th>Course description</th>
<th>Majors and minors</th>
<th>Assumed knowledge</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Arts/ B Advanced Studies (Media and Communications)</td>
<td>This stream of the Bachelor of Arts and Bachelor of Advanced Studies will provide you with a broad array of skills tailored to meet the needs of the fast-changing media and communications landscape. You will gain real-world experience in media writing, radio, video and digital media production; and media relations and a scholarly and critical education in media and communications theory and practice. You will also undertake a second major from a range of disciplines and advanced coursework, and complete a substantial final-year project.</td>
<td>This stream requires completion of a program in Media and Communications (including a major in Media Studies). A second major must be taken from those available in the B Arts or from the shared pool. You will also complete a research, community, industry or entrepreneurship project in your fourth year.</td>
<td>Refer to B Arts/ B Advanced Studies</td>
</tr>
<tr>
<td>B Arts/ B Advanced Studies (Politics and International Relations)</td>
<td>This stream of the Bachelor of Arts and Bachelor of Advanced Studies combines the majors in Politics and International Relations with a unique focus on contemporary global issues that shape the world today. You will delve into the inner workings of political institutions and the complex distribution of power at the domestic and international level. You will also undertake a second major from a range of disciplines and advanced coursework, and complete a substantial final-year project.</td>
<td>This stream requires completion of a program in Politics and International Relations. A second major must be taken from those available in the B Arts or from the shared pool. You will also complete a research, community, industry or entrepreneurship project in your fourth year.</td>
<td>Refer to B Arts/ B Advanced Studies</td>
</tr>
<tr>
<td>B Arts/B Laws</td>
<td>The most established double-degree combination in Australia, the Bachelor of Arts and Bachelor of Laws will challenge your outlook and give you the skillset to think differently about how to find real-world, workable and ethical solutions to contemporary problems and issues.</td>
<td>Refer to B Arts. You may take a Global Studies or Media Studies major and may also take a minor or second major from the B Arts or from the shared pool. Units of study for Law: First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Torts and contracts II, legal research II, public international law, public law. Fourth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property and the legal profession. Final year: Private international law A and seven elective units of study.</td>
<td>Refer to B Arts. For Law: None.</td>
</tr>
<tr>
<td>B Arts/ B Social Work</td>
<td>This five-year program offers the opportunity to combine the professional social work qualification with majors that complement the Bachelor of Social Work, such as sociology and social policy, gender studies or philosophy, offered through the Bachelor of Arts.</td>
<td>Refer to B Arts and B Social Work. You may also take a minor or second major from the B Arts or the shared pool. Social work includes a professional two-year program, including research skills, social policy and social work.</td>
<td>Refer to B Arts. For B Social Work: Depends on subjects chosen</td>
</tr>
</tbody>
</table>

* B for 'Bachelor of', M for 'Master of', D for 'Doctor of', Dip for 'Diploma of'
### Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Majors and Minors</th>
<th>Assumed Knowledge</th>
<th>Career Possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>D Arts/B D Medicine</strong>&lt;sup&gt;*&lt;/sup&gt;</td>
<td>7 years full time</td>
<td>This double degree gives you the opportunity to study in the area of arts and social sciences before undertaking medicine.</td>
<td>Refer to B Arts and the course website: sydney.edu.au/courses. You may also take a minor or second major from the B Arts or the shared pool. During the Bachelor of Arts you will complete studies in biology, physics and chemistry plus a zero-credit-point subject in Medicine. In the Doctor of Medicine component, practical experience – including contact with patients and observation of the physical aspects of disease – commences in the first year and continues to the final year.</td>
<td>Refer to B Arts</td>
</tr>
<tr>
<td><strong>B Arts/M Nursing</strong></td>
<td>4 years full time</td>
<td>This pathway allows school leavers who have achieved exceptional results to commence a three-year undergraduate arts degree and follow on with the four-year graduate-entry Doctor of Medicine (MD). With a deeper understanding of the fundamentals that underpin the health profession combined with your study of the arts, you will be better prepared for any career in medicine, from specialisation to research and teaching.</td>
<td>Refer to B Arts. You may also take a minor from the B Arts or the shared pool. Focus areas for Nursing: acute care, aged care, chronic illness, clinical practice, Indigenous health, mental healthcare and management, pharmacology, physiology, professional practice, and social and health policy.</td>
<td>Refer to B Arts</td>
</tr>
<tr>
<td><strong>B Commerce/B Advanced Studies</strong></td>
<td>4 years full time</td>
<td>Make a lasting difference. The combined Bachelor of Arts and Master of Commerce program develops analytical and critical capabilities alongside the skills and expertise you need to become a registered nurse. It opens up a wide range of career opportunities across both clinical and non-clinical settings.</td>
<td>Mathematics. Other assumed knowledge depends on the first-year subjects selected.</td>
<td>Accountant, business analyst, corporate/ government relations officer, economist, entrepreneur, enterprise architect, financial dealer and broker, human resources specialist, international business consultant, investment banker, management consultant, marketing executive, policy adviser, project manager</td>
</tr>
<tr>
<td><strong>B Commerce/B Advanced Studies (Dalyell Scholars)</strong></td>
<td>4 years full time</td>
<td>Your global business journey starts here. Our Bachelor of Commerce offers a wide variety of subject options, immersive learning experiences and a strong commercial grounding in business. Take advantage of our international exchange and industry placement opportunities and tailor your degree to launch your career in virtually any field, anywhere in the world.</td>
<td>Accounting, banking (major only), business analytics, business information systems, business law, finance (major only), industrial relations and human resource management, international business, management, marketing, professional accounting (program). A second major or a minor may be taken from these options or from the shared pool.</td>
<td>Accountant, business analyst, corporate/ government relations officer, economist, entrepreneur, enterprise architect, financial dealer and broker, human resources specialist, international business consultant, investment banker, management consultant, marketing executive</td>
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</table>

**Note:** Refer to B Arts and the course website: sydney.edu.au/courses. A+C, n/a, ^, *, **: See 'Table notes' on pages 40 and 41.
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<tr>
<td><strong>B Commerce/ B Laws</strong>&lt;br&gt;5 years full time&lt;br&gt;Dalyell by invitation</td>
<td>Pursue your interests in business and law through our combined degree program and graduate with a degree that will open doors to excellent career prospects in both fields. You will develop foundational knowledge of law with the commercial, technical and management skills to launch your career as a legal practitioner, or step into the business world where a law degree is highly regarded.</td>
<td>Refer to B Commerce. Units of study for Law: First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Torts and contracts II, legal research II, public international law, public law. Fourth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property and the legal profession. Final year: Private international law A and seven elective units of study.</td>
<td>Mathematics. Other assumed knowledge depends on the first-year subjects selected. Legal practice in many specialist fields, Criminal defence, prosecution, legal aid, international NGOs, government service, marketer, human resources specialist, financial specialist, entrepreneur, small business owner, project manager, accountant, management consultant, economist, global analyst</td>
</tr>
<tr>
<td><strong>B Design Computing</strong>&lt;br&gt;3 years full time</td>
<td>This is the only undergraduate degree in Australia that will provide you with specialised training for a career in interaction design and creative technologies. From websites and mobile apps to internet-of-things products and immersive environments, you will be at the leading edge of today's user experience (UX) design world when you study with us.</td>
<td>Core areas of study include app design, creative technology, design thinking, graphic design, interaction design, physical computing, sound design, user experience and user-centred design. Core studies in digital design, interaction design, information visualisation design and human computer experience. Related units may be taken from arts and social sciences, business, engineering, information technology, music and visual arts.</td>
<td>Mathematics</td>
</tr>
<tr>
<td><strong>B Design Computing/ B Advanced Studies</strong>&lt;br&gt;4 years full time&lt;br&gt;Dalyell by invitation</td>
<td>This is the only undergraduate degree in Australia that will provide you with specialised training for a career in interaction design and creative technologies. From websites and mobile apps to internet-of-things products and immersive environments, you will be at the leading edge of today's user experience (UX) design world when you study with us. During this degree you will complete a second major, combine studies from a range of disciplines, undertake advanced coursework, and get involved in cross-disciplinary community, professional, research or entrepreneurial project work.</td>
<td>Core areas of study include app design, creative technology, design thinking, graphic design, information architecture, physical computing, sound design, user experience and user-centred design. Core studies in digital design, interaction design, information visualisation design and human computer experience. You will also take a major from the shared pool and complete a research, community, industry or entrepreneurship project in your fourth year.</td>
<td>Mathematics</td>
</tr>
<tr>
<td><strong>B Design in Architecture</strong>&lt;br&gt;3 years full time</td>
<td>The Bachelor of Design in Architecture is offered by the University of Sydney School of Architecture, Design and Planning, ranked first in Sydney and 15th in the world for Architecture/Built Environment (QS World University Rankings by Subject 2017). This degree introduces you to the rewarding profession of architecture and is your first step to becoming a registered architect.</td>
<td>Core areas of study include architectural design, architectural history and theory, architectural technologies, architecture workshops, environment and sustainability, professional practice and architectural communications. You will have the option of choosing to specialise in one of three streams: allied arts in architecture, urban design and planning, or digital architecture. You will also have the opportunity to take electives from the University of Sydney School of Architecture, Design and Planning as well as from other faculties and schools.</td>
<td>English (Advanced) and Mathematics</td>
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<td>Course description</td>
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<tr>
<td><strong>B Design in Architecture (Honours)/M Architecture</strong>&lt;br&gt;5 years full time</td>
<td>If you are passionate about learning and aspire to be a groundbreaking thinker in the practice of architecture, this limited-intake, five-year double degree is a fast track to achieving your goals.&lt;br&gt;&lt;br&gt;It combines the undergraduate Bachelor of Design in Architecture with the postgraduate Master of Architecture. You will also attain undergraduate honours, which otherwise requires an additional full year of study.</td>
<td>Core areas of study include architectural design, history and theory, technologies, architecture workshops, environment and sustainability, professional practice and architectural communications.&lt;br&gt;&lt;br&gt;You will have the option of choosing to specialise in one of three streams: allied arts in architecture, urban design and planning, or digital architecture. You will also have the opportunity to take electives from the University of Sydney School of Architecture, Design and Planning as well as from other faculties and schools.</td>
<td>English (Advanced) and Mathematics&lt;br&gt;&lt;br&gt;Architect, design manager, academic</td>
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<tr>
<td><strong>B Economics</strong>&lt;br&gt;3 years full time</td>
<td>The Bachelor of Economics will give you a comprehensive understanding of the overall context of business and government, and the high-level technical skills to analyse economic and social data and events.&lt;br&gt;&lt;br&gt;It will equip you with key capabilities to develop economic and social policy and to work in fields such as business, banking, financial markets, and consulting in both the private and public sectors.</td>
<td>Economics, econometrics, financial economics, agricultural and resource economics. A minor or second major must be taken from these options, those offered by the University of Sydney Business School (see Bachelor of Commerce on page 53) or from the shared pool.</td>
<td>Mathematics&lt;br&gt;&lt;br&gt;Business analyst, economic researcher, economist, management consultant, policy advisor, statistical analyst, fund and portfolio manager, project officer, financial adviser, banker</td>
</tr>
<tr>
<td><strong>B Economics/B Advanced Studies</strong>&lt;br&gt;4 years full time</td>
<td>This combined degree will give you a comprehensive understanding of the overall context of business and government, and the high-level technical skills to analyse economic and social data and events. It will equip you with key capabilities to develop economic and social policy and to work in fields such as business, banking, financial markets, and consulting in both the private and public sectors.&lt;br&gt;&lt;br&gt;In your final year, the Bachelor of Advanced Studies will enable you to undertake advanced coursework and a community, industry, research or entrepreneurship project that builds on the skills and knowledge developed in the Bachelor of Economics. You will also complete a second major, creating a study profile that reflects your expertise in a range of disciplines.</td>
<td>Economics, econometrics, financial economics, agricultural and resource economics. A second major must be taken from these options, those offered by the Business School (see Bachelor of Commerce) or from the shared pool.</td>
<td>Mathematics&lt;br&gt;&lt;br&gt;Business analyst, economic researcher, economist, management consultant, policy advisor, statistical analyst, fund and portfolio manager, project officer, financial adviser, banker</td>
</tr>
<tr>
<td><strong>B Economics (Dual Degree, Sciences Po, France)</strong>&lt;br&gt;2+2 years full time</td>
<td>Are you ready for the opportunity of a lifetime? Travel abroad, immerse yourself in the French culture, learn a new language and complete a dual degree with a social science focus, all at the same time.&lt;br&gt;&lt;br&gt;This four-program enables you to work towards both a Bachelor of Arts degree at Sciences Po in France for the first two years, and a Bachelor of Economics degree at the University of Sydney in the remaining two years.</td>
<td>Refer to B Economics for Sydney majors. For further information on studies in France, including units of study, please refer to sydney.edu.au/arts/international/years_1_2.shtml</td>
<td>Mathematics&lt;br&gt;&lt;br&gt;Economist, financial analyst, investment analyst, policy analyst, historian, teacher, translator, diplomat, market researcher, publisher, public relations adviser, linguist, writer, librarian, criminologist, aid worker</td>
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<tr>
<td><strong>B Economics/ B Laws</strong>&lt;br&gt;5 years full time&lt;br&gt;Dalyell by invitation</td>
<td>Discover where Economics and Law collide with this versatile combined degree combination. Choose from a career in business, finance or the law and experience how your double degree enhances your knowledge, expertise and learning capacity.&lt;br&gt;Specialised career fields include compliance, securities regulation and economic analysis.</td>
<td>Refer to B Economics. For Law: First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Torts and contracts II, legal research II, public international law, public law. Fourth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property and the legal profession. Final year: Private international law A and seven elective units of study.</td>
<td>Mathematics</td>
</tr>
<tr>
<td><strong>B Education (Early Childhood)</strong>&lt;br&gt;4 years full time</td>
<td>The Bachelor of Education (Early Childhood) will challenge you and develop your confidence to teach in all aspects of early childhood settings as you gain a professional qualification to teach children from birth up to five years old. It sets the benchmark in early childhood education programs, with compulsory professional experiences and in-depth study of child development and pedagogy.</td>
<td>General units in education and professional studies including child development and learning; early childhood curriculum and teaching; early childhood management, leadership and advocacy; families, community and diversity; study in key learning areas (eg, arts, health and wellbeing, literacy, mathematics, science). The arts and social sciences, business and science faculties offer studies in the humanities, sciences and social sciences.</td>
<td>Depends on units chosen</td>
</tr>
<tr>
<td><strong>B Education (Health and Physical Education)</strong>&lt;br&gt;4 years full time</td>
<td>The Bachelor of Education (Health and Physical Education) is a degree with a strong focus on integrating educational theory and practice that will produce teachers equipped with the necessary skills to be leaders of Health and Physical Education.&lt;br&gt;Students also complete a second teaching method. University lectures and practical workshops will be linked to a comprehensive professional development program, including various service learning experiences.</td>
<td>Health and physical education. Second teaching areas include: Aboriginal studies, biology, business studies, chemistry, commerce, drama, economics, English, geography, history (ancient and modern), languages, and mathematics.</td>
<td>Prerequisite: Band 5 in three HSC subjects, one of which needs to be English (not English as a Second Language) or equivalent</td>
</tr>
<tr>
<td><strong>B Education (Primary)</strong>&lt;br&gt;4 years full time</td>
<td>Inspire our next generation in this professional qualification to teach in a primary school with children aged five to 12 years. The Bachelor of Education (Primary) offers extensive professional experiences at schools throughout the four-year program and mandatory units in Indigenous education, Teaching English to Speakers of Other Languages (TESOL) and Special Education.</td>
<td>General units in child development and learning, education and professional studies, specialist studies in key learning areas: language, arts, mathematics, health and wellbeing, science. The arts and social sciences, business and science faculties offer elective units in the humanities, sciences and social sciences.</td>
<td>Prerequisite: Band 5 in three HSC subjects, one of which needs to be English (not English as a Second Language) or equivalent. Recommended studies for mathematics specialisation: Mathematics or equivalent</td>
</tr>
</tbody>
</table>
### B Education (Secondary: Humanities and Social Sciences)/B Arts

#### Course description
The Bachelor of Education (Secondary: Humanities and Social Sciences) and Bachelor of Arts five-year combined degree will give you a professional qualification to teach in secondary schools in the areas of humanities and social sciences.

#### Majors and minors
You will take a core program in education, along with intensive study and professional experience in teaching areas. You need to select two teaching areas, and these may include Aboriginal studies, business studies/commerce, drama, economics/commerce, English, geography, history, languages, mathematics and teaching English to speakers of other languages (TESOL). A major needs to be taken in your primary teaching area, alongside further study in a second teaching area. Business studies, geography, mathematics or TESOL may be taken as a second teaching area only. A third teaching area may be taken in TESOL or Aboriginal studies.

#### Assumed knowledge
Depends on Arts subjects chosen. Most subject areas in Arts require no previous knowledge. For languages: prior language learning experience is not required but recommended.

#### Career possibilities
Secondary teacher in areas including English, drama, history, mathematics, TESOL, geography, economics and languages, secondary school leadership roles, policy development, corporate training or development

#### Entry requirements
A major must be taken in sciences or social sciences. You need to select two teaching areas or units.

- **Assumed knowledge:** See 'Table notes' on pages 40 and 41.
- **Career possibilities:** Secondary teacher in areas including biology, chemistry, earth and environmental science, physics, geography and mathematics, secondary school leadership roles, policy development, corporate training or development

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### B Education (Secondary: Mathematics)/B Science

#### Course description
The Bachelor of Education (Secondary: Mathematics) and Bachelor of Science five-year combined degree will give you a professional qualification to teach in secondary schools in mathematics or science.

#### Majors and minors
You will take a core program of study in education along with intensive study and professional experience in teaching areas. A major must be taken in mathematics. A second teaching area can be taken in one of the following: biology, chemistry, earth and environmental science, geography, physics. Graduates intending to teach science at a secondary level need to complete at least one year of study in chemistry or physics during their degree.

#### Assumed knowledge
Mathematics or HSC Mathematics Extension 1 or equivalent. Other assumed knowledge depends on the areas or units studied.

#### Career possibilities
Secondary teacher in areas including biology, chemistry, earth and environmental science, physics, geography and mathematics, secondary school leadership roles, policy development, corporate training or development

#### Entry requirements
A major must be taken in sciences. For Bachelor of Science: Mathematics or HSC Mathematics Extension 1 or equivalent. Other assumed knowledge depends on the areas or units studied.

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### B Engineering Honours (Dalyell Scholars) #

#### Course description
Lead the next generation of engineering innovation and development. Designed for students who demonstrate outstanding academic ability, the Bachelor of Engineering Honours (Dalyell Scholars) provides access to a suite of enrichment opportunities and distinctive units of study that cultivate a sophisticated understanding of your chosen engineering stream.

#### Majors and minors
In addition to your chosen engineering stream, as a Dalyell Scholar you will complete distinctive Dalyell units and have access to enrichment opportunities that you can tailor to your needs. They include accelerated study options, additional senior level units of study from outside your primary discipline, mentoring and professional skill development, and a global mobility experience.

#### Assumed knowledge
Refer to relevant engineering stream.

#### Career possibilities
Along with career options from your chosen stream, the valuable insights you gain through your studies as a Dalyell Scholar will open up a range of opportunities across the public and private sectors including in business, banking, consulting, entrepreneurship and project management

#### Entry requirements
Refer to relevant engineering stream.

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### B Engineering Honours (Aeronautical)

#### Course description
Design and operate the aircraft of tomorrow. The Bachelor of Engineering Honours (Aeronautical) develops a comprehensive understanding of the design process and operation of aircraft within the Earth’s atmosphere and in space. By combining practical learning and industry experience, this program will equip you for the aerospace industry’s next evolution.

#### Majors and minors
There are more than 15 engineering majors to choose from. The faculty offers a major in Space Engineering to high-achieving students. If you have an ATAR of 99 or equivalent, or above, you may also apply for that major.

#### Assumed knowledge
HSC Mathematics Extension 1 and Physics or equivalent

#### Career possibilities
Design research and certification in the airline/aerospace industry, general engineering positions, and manufacturing and assembly
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<td><strong>B Engineering Honours (Biomedical)</strong>&lt;br&gt;4 years full time</td>
<td>Lead the revolution in life-saving medical technology. The Bachelor of Engineering Honours (Biomedical) develops a comprehensive knowledge of all aspects of biomedical engineering. By combining multidisciplinary learning with collaborative projects and industry experience, you will develop the knowledge and experiences to launch your career in this rapidly growing branch of engineering.</td>
<td>There are more than 15 engineering majors to choose from. The majors that best align with this stream are Chemical Engineering, Electrical Engineering, Humanitarian Engineering, Information Technology, Mechanical Engineering and Mechatronic Engineering.</td>
<td>HSC Mathematics Extension 1 and Physics or equivalent</td>
</tr>
<tr>
<td><strong>B Engineering Honours (Chemical and Biomolecular)</strong>&lt;br&gt;4 years full time</td>
<td>Lead positive change and improve lives. The Bachelor of Engineering Honours (Chemical and Biomolecular) will enable you to develop creative solutions throughout the chemical and environmental engineering fields. By combining collaborative learning and research with first-hand industry experience, you will be positioned to revolutionise society’s processes and address pressing environmental challenges.</td>
<td>There are more than 15 engineering majors to choose from. There are no specific majors aligned with this degree. You may choose additional units of study if you wish to major in a particular area of engineering.</td>
<td>HSC Mathematics Extension 1 and Chemistry or equivalent</td>
</tr>
<tr>
<td><strong>B Engineering Honours (Civil)</strong>&lt;br&gt;4 years full time</td>
<td>Take a lead role in designing and transforming your world. Through practical and industry experiences, this program develops the comprehensive ability to plan, design and test structures within the built and natural environments. A suite of embedded professional skills will equip you to contribute to infrastructure that improves lives in Australia and worldwide.</td>
<td>There are more than 15 engineering majors to choose from. The majors that best align with this stream are Construction Management, Environmental Engineering, Geotechnical Engineering, Humanitarian Engineering, Structures and Transport Engineering.</td>
<td>HSC Mathematics Extension 1 and Physics or equivalent</td>
</tr>
<tr>
<td><strong>B Engineering Honours (Electrical)</strong>&lt;br&gt;4 years full time</td>
<td>Create a brighter future. The Bachelor of Engineering Honours (Electrical) will develop your ability to design and build the systems and machines that generate, transmit, measure, control and use electrical energy. It will position you to tackle the world’s biggest challenges in health, education, and the environment.</td>
<td>There are more than 15 engineering majors to choose from. The majors that best align with this stream are Computer Engineering, Internet of Things, Power Engineering and Telecommunications Engineering.</td>
<td>HSC Mathematics Extension 1 and Physics or equivalent</td>
</tr>
<tr>
<td><strong>B Engineering Honours (Flexible First Year)</strong>&lt;br&gt;4 years full time</td>
<td>Discover where your strengths lie. The Bachelor of Engineering Honours (Flexible First Year) allows you to commence your studies with core subjects before transferring into your engineering stream of choice at the end of your first semester or year. You will still complete your engineering degree in the normal time (four years).</td>
<td>There are more than 15 engineering majors to choose from. Information on which majors align best with the different engineering streams can be found under the individual stream information. Students commencing their studies in Flexible First Year will have the opportunity to pursue a major once they have transferred to a stream.</td>
<td>HSC Mathematics Extension 1, Physics and/or Chemistry or equivalent</td>
</tr>
<tr>
<td><strong>B Engineering Honours (Mechanical)</strong>&lt;br&gt;4 years full time</td>
<td>Design the machines that will engineer our future. The Bachelor of Engineering Honours (Mechanical) will develop your ability to design, manage and maintain a diverse range of mechanical applications. Through practical learning and industry experiences, you will be ready to transform the use of machines across a range of innovative and emerging industries.</td>
<td>There are more than 15 engineering majors to choose from. The majors that best align with this stream are Environmental Engineering, Materials and Space Engineering.</td>
<td>HSC Mathematics Extension 1 and Physics or equivalent</td>
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<tr>
<td><strong>B Engineering Honours (Mechatronic)</strong>&lt;br&gt;4 years full time</td>
<td>Lead the next generation of machine design. The Bachelor of Engineering Honours (Mechatronic) offers a major in Space Engineering to high-achieving students. If you have an ATAR of 99 (or equivalent) or above, you may also apply for the Space Engineering major.</td>
<td>There are more than 15 engineering majors to choose from. The faculty offers a major in Space Engineering to high-achieving students. If you have an ATAR of 99 (or equivalent) or above, you may also apply for the Space Engineering major.</td>
<td>HSC Mathematics Extension 1 and Physics or equivalent</td>
</tr>
<tr>
<td><strong>B Engineering Honours (Software)</strong>&lt;br&gt;4 years full time</td>
<td>Create the software and games of tomorrow. Through the Bachelor of Engineering Honours (Software) you will learn first hand how to design and develop computer games, business applications, operating systems and network control systems. Combining technical knowledge with industry experience, you will be ready to transform the digital world.</td>
<td>There are more than 15 engineering majors to choose from. The majors that best align with this stream are Computer Engineering, Power Engineering, and Telecommunications Engineering.</td>
<td>HSC Mathematics Extension 1 and Physics or equivalent</td>
</tr>
<tr>
<td><strong>B Engineering Honours with Space Engineering</strong>&lt;br&gt;Dalyell by invitation&lt;br&gt;4 years full time</td>
<td>Revolutionise the next generation of space exploration. An innovative program, the Space Engineering major covers studies in aerospace systems, electronic devices and circuits, orbital mechanics, space vehicle design, systems engineering.</td>
<td>The major in Space Engineering major covers studies in aerospace systems, electronic devices and circuits, orbital mechanics, space vehicle design, systems engineering.</td>
<td>Refer to the relevant stream. The major in Space Engineering major covers studies in aerospace systems, electronic devices and circuits, orbital mechanics, space vehicle design, systems engineering.</td>
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<tr>
<td><strong>B Engineering Honours/ B Arts</strong>&lt;br&gt;5 years full time</td>
<td>This combined degree allows you to study engineering while pursuing your interests in the humanities, social sciences or languages. You can combine any of the Bachelor of Engineering Honours streams with a Bachelor of Arts.</td>
<td>Students take a major from B Arts and may take a minor or electives from the shared pool in addition to relevant B Engineering Honours stream requirements.</td>
<td>HSC Mathematics Extension 1, Physics and/or Chemistry or equivalent</td>
</tr>
<tr>
<td><strong>B Engineering Honours/ B Commerce</strong>&lt;br&gt;5 years full time</td>
<td>This combined degree program is designed to extend the management component of the Bachelor of Engineering Honours. You can combine any of the engineering streams with a Bachelor of Commerce. In addition to your engineering stream, this program allows you to complete one major and one minor in any area of commerce.</td>
<td>Students take a major from B Commerce and may take a minor or electives from the shared pool in addition to relevant B Engineering Honours stream requirements.</td>
<td>HSC Mathematics Extension 1, Physics and/or Chemistry or equivalent</td>
</tr>
<tr>
<td><strong>B Engineering Honours (Civil)/B Design in Architecture</strong>&lt;br&gt;5 years full time</td>
<td>Design unique and innovative infrastructure. In the combined Bachelor of Engineering Honours (Civil) and Bachelor of Design in Architecture program you will learn to analyse the forces within a structure and to design its skeleton to support these forces, complemented by the conceptual and aesthetic essentials of the design process.</td>
<td>Refer to B Engineering Honours (Civil) and B Design in Architecture.</td>
<td>HSC Mathematics Extension 1 and Physics or equivalent. For Architecture: English (Advanced) or equivalent</td>
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A+C, n/a, ^, *, **: See 'Table notes' on pages 40 and 41.
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<tr>
<td><strong>B Engineering Honours/ B Laws</strong>&lt;br&gt;6 years full time&lt;br&gt;Dalyell by invitation</td>
<td>This six-year combined degree will provide an excellent foundation for a career in law or engineering. Your engineering studies will emphasise the practical aspects of science, while your law studies will focus on the interpretation and application of the legal system. You can combine any of the engineering streams with a Bachelor of Laws.</td>
<td>Refer to the relevant B Engineering Honours stream. For Law: First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Torts and contracts II, legal research II, public international law, public law. Fourth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property and the legal profession. Final year: Private international law A and seven elective units of study.</td>
<td>Refer to relevant B Engineering Honours stream. For Law: solicitor, barrister, magistrate, judge. Non-legal: diplomacy, foreign affairs, human rights, international relations, investment banking, journalism, management consultancy, public policy</td>
</tr>
<tr>
<td><strong>B Engineering Honours/ B Project Management</strong>&lt;br&gt;5 years full time&lt;br&gt;Dalyell by invitation</td>
<td>In this combined degree you will develop technical expertise in your chosen engineering stream and complementary project management skills. Along with engineering, you will study core project management subjects including project finance, complex project coordination, analytics, risk management, organisational behaviour and psychology. You can combine any engineering stream with a Bachelor of Project Management.</td>
<td>Refer to the relevant B Engineering Honours stream and B Project Management.</td>
<td>Refer to relevant B Engineering Honours stream and B Project Management</td>
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<tr>
<td><strong>B Engineering Honours/ B Science</strong>&lt;br&gt;5 years full time&lt;br&gt;Dalyell by invitation</td>
<td>This combined degree emphasises the strong scientific foundations of engineering. It will expand your career options by giving you two qualifications with just one extra year of study. In addition to your engineering stream, you will complete a major in science. You can combine any engineering stream with a Bachelor of Science.</td>
<td>Students take a major from B Science and may take a minor or electives from the shared pool in addition to relevant B Engineering Honours stream requirements.</td>
<td>Refer to relevant B Engineering Honours stream and B Science</td>
</tr>
<tr>
<td><strong>B Engineering Honours/ B Science (Health)</strong>&lt;br&gt;5 years full time&lt;br&gt;Dalyell by invitation</td>
<td>This combined degree enables you to gain technical expertise in your chosen engineering stream and complementary knowledge in health and healthcare provision. Along with engineering, you will gain a thorough grounding in health and health systems at local, national and global levels. The degree will open up career opportunities across a range of diverse and innovative industries. You can combine any engineering stream with a Bachelor of Science (Health).</td>
<td>Refer to the relevant B Engineering Honours stream and B Science (Health).</td>
<td>Refer to relevant B Engineering Honours stream and B Science (Health)</td>
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<tr>
<td><strong>B Engineering Honours/ B Science (Medical Science)</strong>&lt;br&gt;5 years full time&lt;br&gt;Dalyell by invitation</td>
<td>This five-year combined degree links the core elements of engineering and medical science. The technology-based engineering skills you develop during your studies will be complemented by skills in medical sciences. It forms an ideal base for postgraduate research or graduate studies in medicine or dentistry. You can combine any engineering stream with a Bachelor of Science (Medical Science).</td>
<td>Refer to the relevant B Engineering Honours stream and B Science (Medical Science).</td>
<td>Refer to relevant B Engineering Honours stream and B Science (Medical Science)</td>
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For B Engineering Honours stream and B Project Management: Refer to relevant B Engineering Honours stream and B Project Management.

For B Engineering Honours stream and B Science: Refer to relevant B Engineering Honours stream and B Science.

For B Engineering Honours stream and B Science (Health): Refer to relevant B Engineering Honours stream and B Science (Health).

For B Engineering Honours stream and B Science (Medical Science): Refer to relevant B Engineering Honours stream and B Science (Medical Science).
### B Liberal Arts and Science

<table>
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<th>Course description</th>
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<tr>
<td>3 years full time</td>
<td>With its flexibility and huge choice of majors, the Bachelor of Liberal Arts and Science provides you with a background in both the humanities and the sciences, and gives you useful skills that will make you highly valued by potential employers in jobs across the market. From writing and presenting to thinking ethically and critically, this degree is your preparation for life beyond the classroom.</td>
<td>Refer to B Science and B Arts for major options.</td>
<td>Science media adviser, science historian, science documentary maker, algebraic geometrist, theoretical chemist, mammalian ecologist, human resources manager</td>
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### B Music

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<tr>
<th>Course description</th>
<th>Majors and minors</th>
<th>Assumed knowledge</th>
<th>Career possibilities</th>
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<tbody>
<tr>
<td>4 years full time</td>
<td>Our new four-year Bachelor of Music degree will interest you if you are seeking a broad musical education. This degree facilitates creative interdisciplinary links within music disciplines as well as with other subject areas throughout the University. It enables you to develop as a musician through the acquisition of an integrated body of knowledge, skills and ways of thinking.</td>
<td>You can choose from the following streams: contemporary music practice, creative music, digital music and media, improvisation music. Major: Musicology.</td>
<td>These depend on the program you take and could include: arts administrator, music producer, singer/songwriter, contemporary musician, festival or venue manager, composer, music arranger, sound installation designer, interactive music designer, jazz musician, music journalist, music researcher, event producer.</td>
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### B Music (Composition)

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<tr>
<th>Course description</th>
<th>Majors and minors</th>
<th>Assumed knowledge</th>
<th>Career possibilities</th>
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</thead>
<tbody>
<tr>
<td>4 years full time</td>
<td>Creating new music is a vital part of studies at the Sydney Conservatorium of Music. Our composition and music technology staff are some of Australia's most gifted and widely recognised composers, working across instrumental and vocal to electronic and electroacoustic music. You will learn all facets of musical composition, and be encouraged to specialise and create more ambitious work, with many opportunities to hear your work performed.</td>
<td>You will have the opportunity to study in both traditional and electroacoustic composition areas, including computer music, digital music and sound art. Core studies are taken in analysis, composer performance workshop, composition through improvisation, history and culture, and music skills (aural perception, harmony and analysis, music technology and sound recording).</td>
<td>Composer, contemporary musician, concert entrepreneur, music teacher</td>
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</table>

### B Music (Music Education)*

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<tr>
<th>Course description</th>
<th>Majors and minors</th>
<th>Assumed knowledge</th>
<th>Career possibilities</th>
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<tbody>
<tr>
<td>4 years full time</td>
<td>Music educators train the musicians of tomorrow. The Music Education Unit immerses students in the Sydney Conservatorium of Music's melting pot of performance, composition and teaching. While preparing to become accredited classroom teachers, our music education students undertake a principal study in performance (jazz or classical), musicoLOGY or composition.</td>
<td>Music education, plus instrument or voice or academic study selected from brass, composition, historical performance, jazz studies, musicology, organ, percussion, piano, strings, vocal studies, woodwind. Studies are also undertaken in analysis, history and cultural studies, and music skills (aural perception, harmony and analysis).</td>
<td>Classroom music teacher, private music teacher, conductor, orchestral musician, chamber musician, concert soloist</td>
</tr>
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</table>

### B Music (Performance)

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<tr>
<th>Course description</th>
<th>Majors and minors</th>
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<th>Career possibilities</th>
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</thead>
<tbody>
<tr>
<td>4 years full time</td>
<td>The internationally regarded Bachelor of Music (Performance) at the Sydney Conservatorium of Music produces performers of the highest calibre. Students will combine their chosen principal study (instrumental: classical, voice or jazz) with orchestral studies and chamber music, and core studies such as music skills, analysis, history, culture and pedagogy. You will benefit from one-on-one tuition and make use of the Conservatorium’s state-of-the-art facilities. There are also opportunities for international tours with professional orchestras, bands and ensembles. You will undergo a comprehensive education on your chosen instrument that is designed to push your creative and performative abilities to the next level.</td>
<td>You will take an Instrumental principal study from brass, early music, jazz performance, percussion, piano, strings, voice (classical), woodwind. In addition, you will complete core studies in music skills and analysis, history, culture, performance, ensemble studies and pedagogy.</td>
<td>Concert soloist, contemporary musician, private music teacher, orchestral musician, chamber musician, concert entrepreneur, arts manager</td>
</tr>
</tbody>
</table>
### B Nursing (Advanced Studies)
3 years full time

Provide high-quality care and change lives. The Bachelor of Nursing (Advanced Studies) develops a comprehensive understanding of professional nursing practice.

Combining practical learning with extensive clinical placements, this degree will enable you to apply for registration with the Nursing and Midwifery Board of Australia and launch your career in healthcare.

**Course description**

**Majors and minors**

Focus areas for Nursing: acute care, aged care, child and adolescent health, chronic illness, clinical practice, Indigenous health, mental healthcare and management, pharmacology, physiology, primary healthcare, professional practice, social and health policy.

**Assumed knowledge**

None

**Career possibilities**

Registered nurse with a career in a range of healthcare settings, including emergency, intensive care, mental health, cancer and palliative care, aged care, child and adolescent health, international health, education and research.

### B Nursing Post Registration (Singapore)
1 year full time

This degree is offered to registered nurses in Singapore. You will further your existing nursing knowledge through greater understanding of the role of nursing in healthcare globally, gain greater appreciation of the value of research to practice and be able to translate research into practice.

You will develop critical thinking and problem-solving skills in relation to nursing practice and greater leadership skills in clinical and professional nursing. This program has been developed and is taught and awarded by the University of Sydney and accredited by the Singapore Nursing Board. It is taught in Singapore at the Singapore Institute of Management (SIM).

**Course description**

This degree is offered to registered nurses in Singapore. You will further your existing nursing knowledge through greater understanding of the role of nursing in healthcare globally, gain greater appreciation of the value of research to practice and be able to translate research into practice.

**Majors and minors**

Nursing knowledge and practice, advanced clinical nursing assessment, clinical and patient education, primary healthcare and community nursing, inquiry and research in nursing, law and ethics in healthcare, nursing management and clinical governance.

**Assumed knowledge**

Admission to the program requires current registration with the Singapore Nursing Board.

**Career possibilities**

Senior nursing and management roles within the health sector, further postgraduate study.

### B Oral Health
3 years full time

Through practical learning and clinical placements, the Bachelor of Oral Health equips you with the required skills, knowledge and experience to deliver oral health education and promotion, dental hygiene and dental therapy services to patients and communities throughout Australia and New Zealand.

**Course description**

Your studies will include dental hygiene, oral health therapy and oral health promotion.

**Majors and minors**

Recommended studies: Biology and/or Chemistry

**Assumed knowledge**

Dental assistant, dental hygienist, dental technician

### B Pharmacy
4 years full time

Transform and enrich lives. The Bachelor of Pharmacy develops a comprehensive understanding of how drugs are developed and medications affect the human body.

Combining hands-on learning with clinical experience, this program is your first step to becoming a registered pharmacist and playing a vital and rewarding role in healthcare provision.

**Course description**

Completion of a major is not a requirement. Candidates have the option of completing one major, in either Industrial Pharmacy (consisting of an extended professional placement) or International Pharmacy, which provides an opportunity to participate in an international exchange program as part of the requirements of this major.

**Majors and minors**

Mathematics and Chemistry. Recommended studies: Biology or Physics

**Assumed knowledge**

Pharmacist

### B Pharmacy and Management
5 years full time

The Bachelor of Pharmacy and Management is an innovative five-year degree that teaches a unique combination of pharmacy skills and business knowledge to develop the commercial, clinical and communication skills necessary to thrive in a changing and competitive healthcare landscape.

**Course description**

Completion of a major is not a requirement. Candidates have the option of completing one major in the fifth year, in either Industrial Pharmacy (consisting of an extended professional placement) or International Pharmacy, which provides an opportunity to participate in an international exchange program as part of the requirements of this major.

**Majors and minors**

Mathematics and Chemistry. Recommended studies: Biology or Physics

**Assumed knowledge**

Registered pharmacists work in retail pharmacy (community practice), hospital pharmacies, research positions within universities or research institutes, or positions in the pharmaceutical industry, in drug production, marketing or drug development.

**Recommended studies:** Biology, Chemistry, medicinal chemistry, pharmaceutical sciences, pharmaceutics, pharmacology, pharmacy and pharmacy practice.

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B for 'Bachelor of', M for 'Master of', D for 'Doctor of', Dip for 'Diploma of'
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<tr>
<td><strong>B Project</strong> Management</td>
<td>This is unlike any other project management degree in Australia and will provide students with the fundamental project management skills, theories and methods required in today's complex business environment. Subjects include project finance, statistics, analytics, risk management, organisational behaviour and psychology. You can choose a stream from civil engineering science, built environment or software.</td>
<td>Streams available: Built environment stream, civil engineering stream or software stream. Core subjects include analytics, complex project coordination, organisational behaviour, project finance, project management, psychology, risk management, statistics. You will undertake a capstone project in the final year. Built environment stream units are within the University of Sydney School of Architecture, Design and Planning.</td>
<td>Professional and management roles in property development, construction, mining, IT, banking and finance, state or federal government or in consultancy roles in engineering, water health or energy sectors.</td>
</tr>
<tr>
<td><strong>B Psychology</strong></td>
<td>The Bachelor of Psychology is ideal for the student who knows they want to work in the industry. By the end of the four-year degree you will have the basis for provisional registration as a psychologist in Australia and enough training and experience to start working right away. To become a fully registered psychologist, you need to undertake another two years of study.</td>
<td>Science stream: Mathematics. Both streams: Other assumed knowledge depends on subjects chosen</td>
<td>Clinical psychologist, organisational psychologist, market researcher, advertising executive, social psychology researcher, learning and attention researcher</td>
</tr>
<tr>
<td><strong>B Science</strong></td>
<td>A Bachelor of Science opens up a world of opportunity. Whether you dream about being at the forefront of research – learning how to analyse and think critically – or want to help make the planet a better place, a Bachelor of Science will give you highly sought-after skills. It will equip you for a huge range of careers – from the sciences and beyond.</td>
<td>Other assumed knowledge equivalent. Extension 1 or Mathematics HSC equivalent.</td>
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<tr>
<td>Dalyell by invitation</td>
<td>Dalyell Scholars also have the option of completing a Mathematical Sciences program to combine their interest in mathematics with other areas of science and technology.</td>
<td>Both streams: Mathematics Extension 1 or equivalent. All students undertake some study in mathematics.</td>
<td>Agricultural scientist, astronomer, biosafety researcher, ecologist, environmental policy maker, food chemistry analyst, hydrologist, mathematician, medical scientist, nanoscientist, nutritionist, psychologist, plant geneticist, soil scientist.</td>
</tr>
<tr>
<td><strong>B Science (Health)</strong></td>
<td>Health is one of Australia's fastest-growing sectors. Graduates who understand the nature of the health problems facing global communities and how to design effective healthcare approaches, to serve our increasingly consumer-driven, ageing population, are in high demand.</td>
<td>Mathematics or HSC Mathematics Extension 1 or equivalent. A minor or second major must also be taken from these options or from the shared pool.</td>
<td>Health promotion, policymaking, project and case management, consultant, logistics and procurement, work in insurance, business development, marketing and public relations.</td>
</tr>
<tr>
<td>Dalyell by invitation</td>
<td>This stream requires completion of a major in Health. A minor or second major must be taken from those available in the B Science, in Human Movement (only available to students enrolled in the Health stream) or from the shared pool.</td>
<td>For the Human Movement major: Psychology</td>
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A+C, n/a, ^, *, **: See 'Table notes' on pages 40 and 41.
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<tr>
<td><strong>B Science</strong> <em>(Medical Science)</em></td>
<td>With the rise of personalised medicine, there is predicted to be an increase in jobs available in the broad medical and health sciences. Whether you want to work at the forefront of medical research or become a doctor or dentist with further study, the Bachelor of Science (Medical Science) will give you the essential foundation for a rewarding career improving the health of people and the community.</td>
<td>This stream requires completion of a program in Medical Science, including a Medical Science major. A second major or minor must also be taken from those available in the B Science or from the shared pool.</td>
<td>Mathematics or HSC Mathematics Extension 1 or equivalent. Chemistry and either Physics or Biology</td>
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<tr>
<td><strong>Dalyell by invitation</strong></td>
<td>4 years full time</td>
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| **B Science/ B Advanced Studies** | This degree opens up a world of opportunity. Whether you dream about being at the forefront of research, learning how to analyse and think critically, or want to help make the planet a better place, you will gain highly sought-after skills for a huge range of careers – from the sciences and beyond. You will combine studies from a range of disciplines, undertake advanced coursework, and complete a substantial final-year project. | Agroecosystems (program); anatomy and histology; animal health, disease and welfare; animal production; applied medical science; behavioural sciences; biochemistry and molecular biology; biology; cell and developmental biology; chemistry; computer science; data science; ecology and evolutionary biology; environmental studies; environmental science (program); financial mathematics and statistics; food science; genetics and genomics; geography; geology and geophysics; history and philosophy of science; immunology and pathology; infectious diseases; information systems; marine science; mathematical sciences (Dalyell only); mathematics; medicinal chemistry; microbiology; nanoscience and nanotechnology (program); neuroscience (program); nutrition science; pharmacology; physics; physiology; plant production; plant science (minor only); psychology (program); quantitative life sciences; software development; soil science and hydrology; statistics; virology (minor only); wildlife conservation (minor only). A second major must also be taken from these options or from the shared pool. You will also complete a research, community, industry or entrepreneurship project in your fourth year. | Mathematics or HSC Mathematics Extension 1 or equivalent. All students undertake some study in mathematics. | Agricultural scientist, astronomer, biosecurity researcher, ecologist, environmental policymaker, food chemistry analyst, hydrologist, investment banker, journalist, mathematician, medical scientist, nanoscientist, nutritionist, psychologist, plant geneticist, soil scientist |
| **4 years full time** | | | The Bachelor of Science/B Bachelor of Advanced Studies equips you with the breadth and depth of knowledge and the critical analytical skills to pursue an extensive range of established and emerging careers. It prepares you for the jobs of the future. |

| **B Science/ B Advanced Studies (Dalyell Scholars including Mathematical Sciences)** | As a Dalyell Scholar in the Bachelor of Science/Bachelor of Advanced Studies, you have the opportunity to cultivate scientific expertise alongside the essential critical analytic skills necessary to navigate today's dynamic world. Your studies throughout the sciences will be complemented by distinctive Dalyell units and enrichment opportunities. You will combine studies from a range of disciplines, undertake advanced coursework and complete a substantial final-year project. Dalyell Scholars have the option of completing a Mathematical Sciences program to cultivate your interest in mathematics with other areas of science and technology. Refer to B Science/B Advanced Studies. A second major must also be taken from these options or from the shared pool. You will also complete a research, community, industry or entrepreneurship project in your fourth year. As a Dalyell Scholar, you will undertake 12 credit points of distinctive Dalyell units complemented by a suite of additional enrichment opportunities, including mentoring, professional skill development and a global mobility experience. | Mathematics or HSC Mathematics Extension 1 or equivalent. All students undertake some study in mathematics. | Agricultural scientist, astronomer, biosecurity researcher, ecologist, environmental policymaker, food chemistry analyst, hydrologist, investment banker, journalist, mathematician, medical scientist, nanoscientist, nutritionist, psychologist, plant geneticist, soil scientist |
| **4 years full time** | | | The Bachelor of Science/B Bachelor of Advanced Studies equips you with the breadth and depth of knowledge and the critical analytical skills to pursue an extensive range of established and emerging careers. It prepares you for the jobs of the future. |

B for 'Bachelor of', M for 'Master of', D for 'Doctor of', Dip for 'Diploma of'
**Courses**

### B Science/ B Advanced Studies (Advanced)

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<tr>
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<th>Career possibilities</th>
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<tbody>
<tr>
<td>This degree offers exceptional opportunities to budding scientists who relish a challenge. From independent research to in-depth problems and lectures, the advanced stream will give you the skills to embark on postgraduate study or work at the forefront of research. When doing the Bachelor of Science/B Bachelor of Advanced Studies (Advanced) you will combine studies from a range of disciplines, undertake advanced coursework, and complete a substantial final-year project. Refer to B Science/B Advanced Studies. Majors with advanced units of study include: Anatomy and Histology; Behavioural Sciences; Biochemistry and Molecular Biology; Biology; Cell and Developmental Biology; Chemistry; Computer Science; Data Science; Ecology and Evolutionary Biology; Environmental Studies; Financial Mathematics and Statistics; Food Science; Genetics and Genomics; Geography; Geology and Geophysics; History and Philosophy of Science; Infectious Diseases; Information Systems; Marine Science; Mathematics; Medicinal Chemistry; Microbiology; Neuroscience; Nutrition Science; Physics; Physiology; Plant Production; Qualitative Life Sciences; Software Development; Soil Science and Hydrology; Statistics. A second major must also be taken from these options or from the shared pool. You will also complete a research, community, industry or entrepreneurship project in your fourth year. Mathematics or HSC Mathematics Extension 1 or equivalent. All students undertake some study in mathematics. Agricultural scientist, astronomer, biosecurity researcher, ecologist, environmental policymaker, food chemistry analyst, hydrologist, investment banker, journalist, mathematician, medical scientist, nanoscientist, nutritionist, psychologist, plant geneticist, soil scientist, veterinarian (after further study).</td>
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### B Science/ B Advanced Studies (Agriculture)

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<tr>
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<th>Career possibilities</th>
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<tbody>
<tr>
<td>Whether you dream about being at the forefront of agricultural research, or want to help make the future of food more secure and the planet a better place, a Bachelor of Science and Bachelor of Advanced Studies (Agriculture) will give you highly sought-after skills for a huge range of careers. This stream requires completion of a program in Agriculture, including a major in Animal Production, Plant Production or Soil Science and Hydrology. A second major must also be taken from those available in B Science or from the shared pool. You will also complete a research, community, industry or entrepreneurship project in your fourth year. Mathematics and Chemistry Agronomist, sustainable agriculture researcher, plant geneticist, animal reproduction specialist, environmental microbiologist, agricultural journalist, commodities trader, precision soil scientist.</td>
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### B Science/ B Advanced Studies (Animal and Veterinary Bioscience)

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<tr>
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<tbody>
<tr>
<td>To further your passion for animal biology, the Bachelor of Science and Bachelor of Advanced Studies (Animal and Veterinary Bioscience) will give you fundamental and applied knowledge in animal bioscience. You will acquire a broad overview of both domestic animals and wildlife species, how they interact with their environment, and an integrated comparative knowledge in fields such as applied biotechnologies, reproduction and nutrition. This will be supported by detailed knowledge of animal structure and function and a focus on application of innovative approaches and technologies to enhance animal management and welfare. This stream requires completion of a program in Animal and Veterinary Bioscience, including an Animal and Veterinary Bioscience major. A second major must also be taken from those available in B Science or from the shared pool. You will also complete a research, community, industry or entrepreneurship project in your fourth year. Mathematics and Chemistry. Recommended studies: Biology Agricultural scientist, animal health and welfare professional, animal ethicist, animal nutritionist, biosecurity researcher, ecologist, environmental policymaker, geneticist, wildlife population manager, veterinarian (with further study in the Doctor of Veterinary Medicine).</td>
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### Course description

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<tr>
<th>Course</th>
<th>Major(s) and Minor(s)</th>
<th>Assumed knowledge</th>
<th>Career possibilities</th>
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</thead>
<tbody>
<tr>
<td><strong>B Science/B Advanced Studies (Food and Agribusiness)</strong> 4 years full time</td>
<td>The Bachelor of Science and Bachelor of Advanced Studies (Food and Agribusiness) will allow you to capitalise on the huge growth in the Australian food and beverage sector, which is generating demand for a more skilled and capable workforce. You will study both food science and business in this degree, with this combination of disciplines giving you a desirable and distinct set of skills and knowledge.</td>
<td>This stream requires completion of a program in Food and Agribusiness, including a major in Food Science and a second major from the shared pool in one of the following: Economics, Economic Policy, Agricultural and Resource Economics, Accounting, Banking, Business Analytics, Business Information Systems, Commercial Law, Finance, Industrial Relations and Human Resource Management, International Business, Management or Marketing. You will also complete a research, community, industry or entrepreneurship project in your fourth year.</td>
<td>Mathematics, Chemistry. Recommended studies: Biology. Food marketer, food product developer, health promoter, post-harvest researcher, food quality assurance specialist, food biochemist, food logistics manager, agricultural financier</td>
</tr>
<tr>
<td><strong>B Science/B Advanced Studies (Health)</strong> 4 years full time</td>
<td>Health is one of Australia’s fastest-growing sectors. This course provides a thorough grounding in health and health systems at the local, national and global levels. You will graduate with the ability to navigate the complexity of health in different sociocultural, political and economic contexts. You will develop core skills in critical thinking, complex problem-solving, communication and empathy. When doing the Bachelor of Science/Bachelor of Advanced Studies (Health), you will combine studies from a range of disciplines, undertake advanced coursework, and complete a substantial final-year project.</td>
<td>This stream requires completion of a major in Health. A second major must also be taken from those available in B Science, in Human Movement (only available to students enrolled in the Health stream) or from the shared pool. You will also complete a research, community, industry or entrepreneurship project in your fourth year.</td>
<td>Mathematics or HSC Mathematics Extension 1 or equivalent. All students undertake some study in mathematics. For the Human Movement major: Chemistry. Health promotion, policymaking, project and case management, consultant, logistics and procurement, work in insurance, business development, marketing and public relations.</td>
</tr>
<tr>
<td><strong>B Science/B Advanced Studies (Medical Science)</strong> 4 years full time</td>
<td>With the rise of personalised medicine, there is predicted to be an increase in jobs available in the broad medical and health sciences. Whether you want to work at the forefront of medical research or become a doctor or dentist with further study, this degree will give you the essential foundation for a rewarding career improving the health of people and the community. When doing the Bachelor of Science/Bachelor of Advanced Studies (Medical Science), you will combine studies from a range of disciplines, undertake advanced coursework, and complete a substantial final-year project.</td>
<td>This stream requires completion of a program in Medical Science, including a Medical Science major. A second major must also be taken from those available in B Science or from the shared pool. You will also complete a research, community, industry or entrepreneurship project in your fourth year.</td>
<td>Mathematics or HSC Mathematics Extension 1 or equivalent. Chemistry and either Physics or Biology. Medical researcher, pathologist, doctor (with further study), dentist (with further study), histologist, physiologist, microbiologist, biochemist, biomedical device designer, anatomy researcher, infectious diseases researcher, geneticist</td>
</tr>
<tr>
<td><strong>B Science/B Laws</strong> 5 years full time</td>
<td>Many industries need professionals who can understand and translate complex science – and law is one of these. With a Bachelor of Science and Bachelor of Laws, you will graduate with two degrees and a suite of specialist skills that will allow you to carve out a niche in the legal sector. It will prepare you for jobs across patents, intellectual property and even forensics. Refer to B Science. Please note that the only stream available in this combined degree is the Dalyell stream. Units of study for Law: First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Torts and contracts II, legal research II, public international law, public law. Fourth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property and the legal profession. Final year: Private international law A and seven elective units of study.</td>
<td>Mathematics or HSC Mathematics Extension 1 or equivalent. All students undertake some study in mathematics.</td>
<td>Research, education, business, banking and government. Graduates who wish to become legal practitioners complete an accredited program of practical legal training after they have finished the award requirements.</td>
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<tr>
<td>Course description</td>
<td>Majors and minors</td>
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<td>Career possibilities</td>
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<td><strong>B Science/ D Dental Medicine</strong>*</td>
<td>This double degree gives you the opportunity to study science before undertaking dentistry. Designed for high school leavers who have achieved outstanding results, you will study a three-year undergraduate science degree, followed by the four-year Doctor of Dental Medicine. With a deeper understanding of the scientific fundamentals that underpin dentistry, you will be better prepared for any career path you choose. This program is delivered by the faculties of Science and Dentistry.</td>
<td>Refer to B Science. All students undertake first-year biology and some units of study in mathematics. As a Dalyell Scholar you will also complete 12 credit points of distinctive Dalyell units designed to cultivate high-level graduate attributes, and a suite of additional enrichment opportunities. For the Doctor of Dental Medicine you will study clinical dentistry, life sciences and a research project.</td>
<td>Private practice, public service (hospitals, schools, health departments), defence forces, oral health research, academic careers, and a variety of specialisation options upon completion of professional and research experience.</td>
</tr>
<tr>
<td><strong>B Science/ D Medicine</strong>*</td>
<td>This double degree gives you the opportunity to study science before undertaking medicine. This pathway allows school leavers who have achieved exceptional results to commence a three-year undergraduate science degree followed by the four-year Doctor of Medicine (MD). It gives you a deeper understanding of the scientific fundamentals that underpin medicine, so you will be better prepared for any career in medicine, from specialisation to research and teaching. This program is delivered by the Faculty of Science and the University of Sydney Medical School.</td>
<td>You may elect to complete the Medical Science stream or choose from a wide range of majors from across the sciences. Refer to B Science, B Science (Medical) and the course website: sydney.edu.au/courses. During the Bachelor of Science you will complete foundational knowledge units for medicine plus a zero-credit-point subject in Medicine. In the Doctor of Medicine component, practical experience – including contact with patients and observation of the physical aspects of disease – commences in the first year and continues to the final year.</td>
<td>General practitioner or specialist, surgeon, researcher, pharmaceutical industry, management consultancy, teaching, medical administration, medical communication.</td>
</tr>
<tr>
<td><strong>B Science (Health)/ M Nursing</strong>*</td>
<td>Become a leader in healthcare and nursing. The combined Bachelor of Science and Master of Nursing program cultivates the critical thinking skills and breadth of the sciences, alongside the expertise and experience to become a registered nurse. It provides a wide range of career opportunities across both clinical and non-clinical settings.</td>
<td>Refer to B Science. All students must take some units of study in mathematics. Focus areas for Nursing: acute care, aged care, child and adolescent health, chronic illness, clinical practice, Indigenous health, mental health care and management, pharmacology, physiology, professional practice, social and health policy.</td>
<td>Registered nurse in a range of healthcare settings and able to apply your knowledge of science to health issues such as infectious and non-communicable diseases, infection control, climate change, anatomy, pharmacology and research.</td>
</tr>
<tr>
<td><strong>B Science/ M Nutrition and Dietics</strong>*</td>
<td>Pioneer healthcare innovations and transform lives. The Bachelor of Science (Health) and Master of Nursing provides a thorough grounding in health and health systems at the local, national and global levels, while developing the knowledge, skills and experience to become a registered nurse.</td>
<td>Refer to B Science (Health). Focus areas for Nursing: acute care, aged care, child and adolescent health, chronic illness, clinical practice, Indigenous health, mental health care and management, pharmacology, physiology, professional practice, social and health policy.</td>
<td>Registered nurse in a range of healthcare settings and you can apply your knowledge of health systems to industries supporting healthcare, including e-health, mental health, industrial relations and management.</td>
</tr>
<tr>
<td><strong>B Social Work</strong>*</td>
<td>The internationally recognised Bachelor of Social Work degree prepares you for employment in a complex, diverse and changing field where your capacity to transfer knowledge and skills across contexts is essential. This degree is accredited with the Australian Association of Social Workers (AASW).</td>
<td>For the B Science, you will need to complete a program in Nutrition and Dietics, including a major in Nutrition Science. For M Nutrition and Diets, your studies will include clinical nutrition, nutritional science and public health nutrition. You will also complete a nutrition research project.</td>
<td>Dietitian, nutritional researcher, hospital nutritionist, biochemist, food scientist, Counsellor, community development worker, youth worker, careers adviser.</td>
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<td><strong>B Veterinary Biology/ D Veterinary Medicine</strong></td>
<td>The Bachelor of Veterinary Biology/Doctor of Veterinary Medicine provides you with both a scientific foundation and specialist clinical and medical experience. With its integrated approach designed for understanding real-world situations, the six-year course will turn you into a global professional at the forefront of modern veterinary medicine.</td>
<td>Your studies will include animal behaviour and welfare science, animal diseases and pathobiology, animal husbandry, cell biology, clinical and professional practice, pharmacology, veterinary anatomy and physiology, veterinary conservation biology, veterinary medicine, veterinary public health and veterinary surgery.</td>
<td>Veterinarian, veterinary geneticist, small animal veterinarian, livestock veterinarian, equine veterinarian, biosecurity researcher, veterinary cardiologist, public health policymaker</td>
</tr>
<tr>
<td><strong>B Visual Arts</strong></td>
<td>The Bachelor of Visual Arts is a hands-on degree focused on developing the conceptual, theoretical and technical skills you need to succeed as a practising artist or in a range of careers in the creative industries.</td>
<td>A range of specialisations are available. You may also take electives from the Faculty of Arts and Social Sciences, the University of Sydney School of Architecture, Design and Planning, the Sydney Conservatorium of Music and the University of Sydney Business School or a minor or major from the shared pool.</td>
<td>Advertising creative, animator, artist, arts writer, curator, digital artist, educator (with further tertiary qualifications), filmmaker, product designer, painter, exhibition designer, illustrator, sound artist, web and multimedia designer</td>
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<tr>
<td><strong>B Visual Arts/ B Advanced Studies</strong></td>
<td>This is a combined degree in which you will complete one of the Bachelor of Visual Arts’ hands-on studio specialisations and undertake a substantial final-year project. You will also complete a major in a distinct subject area, creating a study profile that reflects your expertise in a range of disciplines.</td>
<td>A range of specialisations are available. You will also take a major from the shared pool and complete a research, community, industry or entrepreneurship project in your fourth year.</td>
<td>Advertising creative, creative director, innovation manager, cultural officer/program manager, curator, arts journalist, film producer/maker, digital producer, educator (with further tertiary qualifications), web and interaction designer, commercial art director</td>
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<tr>
<td><strong>Dip of Music</strong></td>
<td>Studying the Diploma of Music at the Sydney Conservatorium of Music will provide you with vocational training in performance skills at a high level if you are aspiring to a professional career in music performance. It is also a great pathway to our internationally regarded Bachelor of Music degrees.</td>
<td>A major in the Diploma of Music is defined as a principal study. Students undertake principal study over four semesters in either instrument, voice (classical), or jazz performance. In addition, students complete core studies in music skills and other performance related areas.</td>
<td>Arts administrator, concert entrepreneur, event producer, festival or venue manager, music journalist, music producer, orchestral musician, chamber musician, private music teacher, singer/songwriter</td>
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POSTGRADUATE COURSES
Courses in these tables are CRICOS registered for international students who intend to study full time in Australia on a student visa, except where courses or streams are identified with a †. For a more accurate listing of current courses, visit the CRICOS register:

- cricos.education.gov.au

The information published is a guide and subject to change. In addition to the entry requirements shown here, additional selection criteria apply to some courses. Refer to page 106 and visit our website for course-specific details: sydney.edu.au/courses

**Double degree progression requirements**

Double degrees (for a description see the Glossary on page 112) have progression requirements that must be satisfied before you can be admitted to your second degree. For important information on progression rules, check your faculty handbook:

- sydney.edu.au/handbooks

**Important tuition fee information**

Tuition fees listed in this course table are:

- quoted in Australian dollars and correct at the time of publication
- indicative tuition fees for study in Year 1, in the 2018 calendar year only
- based on a full-time student enrolment load of 48 credit points per year, or 1.0 Equivalent Full-Time Student Load (1.0 EFTSL) unless otherwise indicated. If your study load for the year is more or less than 1.0 EFTSL, your tuition fee will differ.

**Courses less than 1.0 EFTSL**

Please note that for courses that are less than 48 credit points per year (1.0 EFTSL), such as a graduate certificate and some graduate diplomas (for which we list the credit points against the tuition fee), we have indicated the tuition fee based on the credit points required to complete the course.

In those cases, the tuition fee is not based on 1.0 EFTSL as stated in the column heading.

**Annual review**

Importantly, tuition fees are subject to annual review by the University and will increase each year, effective at the start of each calendar year.

**Other costs**

There are other costs in addition to tuition fees. For important fee-related information, refer to the costs information on page 108.

**Key to the table**

**English – IELTS**

The first score is the overall score required, the second score(s) (in brackets) is the minimum score required in each component (L for Listening, R for Reading, S for Speaking, W for Writing). For more information on other tests and meeting English requirements, refer to the academic and English language requirements section (page 104) or visit:

- sydney.edu.au/study/english-reqs

† Courses not available to student visa holders

These courses (or streams) do not meet the CRICOS requirements for obtaining an Australian student visa to study full time onshore. However, courses offered by online/distance modes are available to international students from their home country.

International students in Australia who are not on a student visa, depending on their visa type, may also be eligible to undertake courses/streams that are not offered full time onshore. Some courses also have intensive study periods onshore combined with online study. For the latest information, visit:

- sydney.edu.au/courses

∆ The Master of Medicine is available to medical doctors and the Master of Science in Medicine is available to applicants who are not medical doctors. Students who achieve a high standard in the Master of Medicine or Master of Science in Medicine are eligible to enrol in the Advanced option with the opportunity to complete a research project.

- Graduate certificate and graduate diploma

Where availability of a graduate certificate or graduate diploma is indicated, not all courses may be offered full time onshore.
The course names in this index do not include the course level title such as master, doctor or graduate diploma.

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<td>Social Work</td>
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<td>Social Work (Qualifying)</td>
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<td>Speech Language Pathology</td>
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<td>Surgery (Breast surgery, cardiothoracic surgery, colorectal, endocrine surgery, hand surgery, head and neck, neurosurgery, orthopaedic, ororhinolaryngology, paediatric surgery, plastic and reconstructive surgery, surgical oncology, surgical outcomes, surgical sciences, surgical skills, transplant surgery, trauma surgery, upper gastrointestinal surgery, urology, vascular surgery and endovascular surgery)</td>
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<td>Sustainability</td>
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<td>Taxation</td>
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<td>Teaching (School Counselling)</td>
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### Research courses

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<td>Arts and Social Sciences D, M</td>
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<td>Social Work D, M</td>
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### Other research courses

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## POSTGRADUATE COURSES

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<th>Commencing semester</th>
<th>Duration in years (full time)</th>
<th>IELTS</th>
<th>Year 1 tuition fee (A$)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Architecture, urbanism and interaction design</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Graduate Certificate in Architectural Science</strong></td>
<td>Mar/Jul</td>
<td>0.5</td>
<td>7.0 (6.0)</td>
<td>16,000 (24 credit points)**</td>
</tr>
<tr>
<td>Recognising the interaction between performance, design and management of a building, this program equips you with the professional skills to lead a building services strategy. Career pathways include corporate real estate, facility management, building services and sustainability.</td>
<td></td>
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<tr>
<td><strong>Master of Architecture</strong></td>
<td>Mar/Jul</td>
<td>2</td>
<td>7.0 (6.0)</td>
<td>39,500</td>
</tr>
<tr>
<td>This degree provides a dynamic studio-based learning environment that produces graduates who are forward thinking, collaborative and at the forefront of the changing architectural profession. You will be challenged to expand your conceptual and creative skills while being grounded in the requirements essential for professional registration and practice after graduation.</td>
<td></td>
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</tr>
<tr>
<td><strong>Master of Architectural Science (Audio and Acoustics)</strong></td>
<td>Mar/Jul</td>
<td>1.5</td>
<td>7.0 (6.0)</td>
<td>32,000</td>
</tr>
<tr>
<td>This degree will give you a solid foundation in the design, measurement and theory of audio and acoustics. You will gain a deep understanding of how sound shapes our experience of communication, entertainment, and spatial awareness, opening up a diversity of career paths including audio production, system design and acoustic consulting.</td>
<td></td>
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</tr>
<tr>
<td><strong>Master of Architectural Science (High Performance Buildings)</strong></td>
<td>Mar/Jul</td>
<td>1.5</td>
<td>7.0 (6.0)</td>
<td>32,000</td>
</tr>
<tr>
<td>This degree is your pathway to an exciting and rewarding career in the built environment field. On graduation you will have acquired an evidence-based education on the design, service provision and operation of buildings in a sustainable manner, an area with increasing economic and environmental importance. With extensive experience analysing and controlling the physical phenomena affecting buildings, practitioners of architectural science have a profound impact on the function, aesthetics and efficiency of architectural spaces.</td>
<td></td>
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</tr>
<tr>
<td><strong>Master of Architectural Science (Illumination Design)</strong></td>
<td>Mar/Jul</td>
<td>1.5</td>
<td>7.0 (6.0)</td>
<td>32,000</td>
</tr>
<tr>
<td>In this degree, you will develop your expertise in lighting for architectural and urban environments. You will also learn how sustainable lighting technologies are changing illumination design practice and contributing to new opportunities for creative applications of contemporary materials, colours and technologies. Our entire visual experience depends on light. It has a profound impact on the function and aesthetics of architectural spaces, and is a vital part of architecture and interior design.</td>
<td></td>
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<tr>
<td><strong>Master of Architectural Science (Sustainable Design)</strong></td>
<td>Mar/Jul</td>
<td>1.5</td>
<td>7.0 (6.0)</td>
<td>32,000</td>
</tr>
<tr>
<td>This degree enables you to develop efficient and environmentally responsive buildings and retrofit existing buildings to meet today’s environmental demands. With this knowledge, you will graduate as a sustainability expert and can choose from a range of career pathways include architecture, property development, construction or urban planning. Sustainable designers are critical to ensuring that the plans on paper become a reality during and after construction. Your skills in sustainable design are enhanced through the school’s expertise in the built environment.</td>
<td></td>
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</tr>
<tr>
<td><strong>Master of Architectural Science (Audio and Acoustics)</strong></td>
<td>Mar/Jul</td>
<td>2</td>
<td>7.0 (6.0)</td>
<td>32,000</td>
</tr>
<tr>
<td>Establish a deep foundation in the design, measurement and theory of audio and acoustics with an added specialisation in High Performance Buildings. You will understand how sound shapes our experience of communication, entertainment and spatial awareness, opening up a diversity of career paths including audio production, system design and acoustic consulting from a perspective of building design and services. With extensive experience analysing and controlling the physical phenomena affecting buildings, practitioners of architectural science have a profound impact on the function, aesthetics and efficiency of architectural spaces.</td>
<td></td>
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</tr>
<tr>
<td><strong>Master of Architectural Science (Illumination Design)</strong></td>
<td>Mar/Jul</td>
<td>2</td>
<td>7.0 (6.0)</td>
<td>32,000</td>
</tr>
<tr>
<td>Establish a deep foundation in the design, measurement and theory of audio and acoustics with an added specialisation in illumination design. You will understand how sound shapes our experience of communication, entertainment and spatial awareness, opening up a diversity of career paths including audio production, system design and acoustic consulting with a perspective of lighting design. With extensive experience analysing and controlling the physical phenomena affecting buildings, practitioners of architectural science have a profound impact on the function, aesthetics and efficiency of architectural spaces.</td>
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</tbody>
</table>

†, •, ∆: See page 70 for more information
<table>
<thead>
<tr>
<th>Course name</th>
<th>Graduate certificate available</th>
<th>Graduate diploma available</th>
<th>IELTS</th>
<th>Commencing in semester</th>
<th>Duration in years (full time)</th>
<th>2018 indicative tuition fee (A$) /1.0 EFTSL***</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Architectural Science (Audio and Acoustics) (Sustainable Design)</td>
<td>•</td>
<td>•</td>
<td>7.0 (6.0)</td>
<td>Mar/Jul</td>
<td>2</td>
<td>32,000</td>
</tr>
<tr>
<td>Establish a deep foundation in the design, measurement and theory of audio and acoustics with an added specialisation in sustainable design. You will understand how sound shapes our experience of communication, entertainment and spatial awareness, opening up a diversity of career paths including audio production, system design and acoustic consulting with a perspective of sustainability. With extensive experience analysing and controlling the physical phenomena affecting buildings, practitioners of architectural science have a profound impact on the function, aesthetics and efficiency of architectural spaces.</td>
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</tbody>
</table>

Master of Architectural Science (High Performance Buildings) (Audio and Acoustics) | •                              | •                          | 7.0 (6.0) | Mar/Jul                | 2                            | 32,000                                      |
| An exciting and rewarding career in the built environment field awaits graduates of this unique program that focuses on the emerging area of high-performance buildings with a specialisation in audio and acoustics. On graduation you will have acquired an evidence-based education on the design, service provision and operation of buildings in a sustainable manner with a solid knowledge of audio design. With extensive experience analysing and controlling the physical phenomena affecting buildings, practitioners of architectural science have a profound impact on the function, aesthetics and efficiency of architectural spaces. |

Master of Architectural Science (High Performance Buildings) (Sustainable Design) | •                              | •                          | 7.0 (6.0) | Mar/Jul                | 2                            | 32,000                                      |
| An exciting and rewarding career in the built environment field awaits graduates of this unique program that focuses on the emerging area of high-performance buildings with a specialisation in sustainable design. On graduation you will have acquired an evidence-based education on the design, service provision and operation of buildings in a sustainable manner with a deep knowledge of lighting design principles. |

Master of Architectural Science (Illumination Design) (Audio and Acoustics) | •                              | •                          | 7.0 (6.0) | Mar/Jul                | 2                            | 32,000                                      |
| Build a deep foundation in the design, measurement and theory of audio and acoustics with an added specialisation in illumination design. You will understand how sound shapes our experience of communication, entertainment and spatial awareness, opening up a diversity of career paths including audio production, system design and acoustic consulting with a perspective of lighting design. |

Master of Architectural Science (Illumination Design) (High Performance Buildings) | •                              | •                          | 7.0 (6.0) | Mar/Jul                | 2                            | 32,000                                      |
| Develop your expertise in lighting for architectural and urban environments with an added specialisation in high performance buildings. Career options include illumination design and consultancy, lighting product design and specification across a range of industries including property, hospitality, commercial design, residential projects and public events supplemented by an understanding of building services design and strategy. |

Master of Architectural Science (Illumination Design) (Sustainable Design) | •                              | •                          | 7.0 (6.0) | Mar/Jul                | 2                            | 32,000                                      |
| Develop your expertise in lighting for architectural and urban environments with an added specialisation in sustainable design. Career options include illumination design and consultancy, lighting product design and specification across a range of industries including property, hospitality, commercial design, residential projects and public events supplemented by an understanding of sustainability principles. |

Master of Architectural Science (Sustainable Design) (Audio and Acoustics) | •                              | •                          | 7.0 (6.0) | Mar/Jul                | 2                            | 32,000                                      |
| With a specialisation in Audio and Acoustics, this program allows you to extend your sustainability expertise into the growing area of acoustic design. With this knowledge, you can differentiate yourself as a graduate and can choose from a range of career pathways including architecture, property development, construction or urban planning, audio and acoustic design. |

Master of Architectural Science (Sustainable Design) (High Performance Buildings) | •                              | •                          | 7.0 (6.0) | Mar/Jul                | 2                            | 32,000                                      |
| With a specialisation in High Performance Buildings, this degree enables you to extend your sustainability expertise into the growing built environment area. With this knowledge, you can differentiate yourself as a graduate and can choose from a range of career pathways including architecture, property development, construction or urban planning, corporate real estate and building services. |

Master of Architectural Science (Sustainable Design) (Illumination Design) | •                              | •                          | 7.0 (6.0) | Mar/Jul                | 2                            | 32,000                                      |
| With a specialisation in Illumination Design, this degree enables you to extend your sustainability expertise into the lighting design area. With this knowledge, you can differentiate yourself as a graduate and can choose from a range of career pathways including architecture, sustainable and energy-efficient lighting consultancy, product design and distribution. |

Master of Heritage Conservation | •                              | •                          | 7.0 (6.0) | Mar/Jul                | 1.5                           | 32,000                                      |
| This degree allows you to develop specific skills in assessment, interpretation, management, formulation of policy, and documentation of culturally significant places, including buildings, sites and cultural landscapes. You will be introduced to methods and practices of conservation, designing and building new buildings in old settings, and the history, theory, law and policy of this unique area. This exciting field of study is much more than just the simple preservation of existing buildings. |

*** Tuition fees are subject to annual increases each year. For further information, see page 70.

# Fees are listed for the total credit points required for course completion.
The Interaction Design and Electronic Arts (IDEA) program is the first of its kind in Australia, created to infuse technological innovation with human-centred design thinking. You will explore these technologies and their potential to solve critical problems in areas including biotechnology, sustainability, social networking, urban informatics, wearable technology, health and responsive environments. Technology is becoming closely interwoven into everyday life. How we create and design these interactions is crucial to their success and the positive impact they have on our lives. This understanding forms the core of the IDEA program’s design philosophy: technology that is designed to delight its users.

This program offers students of Interaction Design and Electronic Arts an added specialisation in Audio and Acoustics. This will further differentiate your skillset and enable you to work in the emerging area of interactive sound and audio design in entertainment, buildings and public spaces.

This program offers students of Interaction Design and Electronic Arts an added specialisation in Illumination Design. This will further differentiate your skillset and enable you to work in the emerging area of interactive lighting in entertainment, hospitality, buildings and public spaces.

This degree will develop your leadership and expertise in urban design and urbanism with a strong emphasis on sustainability, quantification and implementation. It is designed to develop your leadership and expertise in urban design and urbanism with a strong emphasis on sustainability, quantification and implementation. A key feature of this degree is its multidisciplinary outlook and emphasis on communication and collaboration that emulates real-world practice. The program’s core units will provide you with an appreciation and understanding of the historical and theoretical dimensions of urbanism and design, urban morphology and the relationship between ecological processes and city form.

This degree is your pathway to the professional world of planning and is accredited by the Planning Institute of Australia. You will be given the tools and methodologies to work in planning-based roles both in Australia and globally which you can experience during your degree through our extensive international exchange network. Planning is a vibrant, challenging and rewarding career; infused with consideration for human welfare and social progress.

The program introduces you to contemporary planning theories and debates while instilling professional expertise in key areas of heritage conservation and policy. As a highly trained graduate, you will be differentiated through your broad knowledge of urbanism and deep specialisation in heritage to offer your expertise across a range of urban conservation issues. The Heritage Conservation stream will allow you choose core units designed to develop skills in the assessment, interpretation, management, formulation of policy, and documentation of culturally significant places, including buildings, sites and cultural landscapes.

This degree will develop your leadership and expertise in urban design and urbanism with a strong emphasis on sustainability, quantification and implementation. As a highly trained graduate, you will be in high demand from the planning industry, including both private sector and public agencies including local and state government. The Urban Design stream will allow you to participate in the core Urban Design studio unit. It is designed to develop your leadership and expertise in urban design and urbanism with a strong emphasis on sustainability, quantification and implementation.

With a specialisation in Urban and Regional Planning, this degree will differentiate you as a highly qualified graduate who is eligible, subject to professional experience requirements, for corporate membership of the Planning Institute of Australia. The program aims to introduce you to contemporary planning theories and debates while instilling professional expertise in key areas of planning practice. Developed in consultation with industry and the Planning Institute of Australia, the study of urbanism is a pathway to specialisation as a professional urban planner, urban designer, heritage architect or consultant.

The degree of Doctor of Philosophy (PhD) may be undertaken across our five active research areas: Architectural Design; Architecture research collaborative; Architectural Science; Design Lab; and Urbanism. This research degree is awarded for a thesis considered to be a substantial, original contribution to knowledge in one of these five groups.

The degree of Doctor of Philosophy (PhD) may be undertaken across our five active research areas: Architectural Design; Architecture research collaborative; Architectural Science; Design Lab; and Urbanism. This research degree is awarded for a thesis considered to be a substantial, original contribution to knowledge in one of these five groups.

The research master’s program allows a candidate to undertake research and advanced specialisation in any of the five research groups of Architectural Design; Architecture research collaborative; Architectural Science; Design Lab; and Urbanism. Entry requirements include a bachelor’s degree with first or second class honours in a relevant discipline. The final thesis for the conventional Master of Philosophy (Architecture), including those completing a thesis with publications, is expected to be in the range of 30,000 to 60,000 words. The final thesis for a Master of Philosophy by creative works is expected to be no more than 15,000 words including a substantial creative body of work.
## Arts and social sciences

### Executive Master of Arts and Social Sciences

<table>
<thead>
<tr>
<th>Course name</th>
<th>Commencing semester</th>
<th>Duration in years (full-time)</th>
<th>2018 indicative Year*1 tuition fee</th>
<th>EFTSL</th>
<th>Arts and social sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Applied Linguistics</td>
<td>Mar/Jul</td>
<td>1.5</td>
<td>36,500</td>
<td>6.0 (6.0)</td>
<td>6.5 (6.0)</td>
</tr>
</tbody>
</table>

This degree provides you with the opportunity to engage with international experts in the fields of functional linguistics, world English, and language, culture and media discourse. You will attend seminars on educational linguistics, TESOL, clinical linguistics, forensic linguistics, and translation and interpreting. You will be trained to apply your knowledge of language in diverse settings, including teaching, translation, journalism and media, language policy and planning, website design and socio-educational development.

### Master of Art Curating

Our Art Curating degree will provide you with a rich combination of core academic skills, historical knowledge, critical insight and community-engaged experience, creating pathways to careers and professional development in art institutions of all types. You will explore and analyse traditional institutions such as museums and galleries, as well as the expanding field of contemporary curating and its wide range of non-traditional exhibition spaces, including artist-run and community art spaces, public art projects, festivals and commercial spaces.

### Master of Creative Writing

This degree invites you to explore and develop your skills in fiction, non-fiction, screenwriting, poetry and more. Throughout your studies you will gain a deep understanding of theories and histories of writing. This degree offers intimate access to Sydney’s literary life, including major literary and cultural events and institutions with which the University has close ties, such as the Sydney Writers’ Festival.

### Master of Contemporary Art

Self-directed, flexible and cross-disciplinary, the Master of Contemporary Art is designed to elevate your career in professional contemporary art practice. You will propose and develop a self-initiated visual arts project, and have the flexibility to tailor the degree to your preferred pathway, be it research or professional practice, including the option of undertaking a placement that interfaces directly with the contemporary arts industry.

### Master of Cultural Studies

The only Master of Cultural Studies on offer in Australia, this program covers diverse topics of popular culture, media, gender, sexuality, globalisation and consumer culture. Using real-world examples, you will learn to analyse cultural forms and debate their significance in context. Through this degree you will also engage critically with culture in its manifest expressions and gain insight into identity, self-expression and embodiment.

### Master of Development Studies

The Development Studies program sheds light on the challenges in achieving sustainable economic development on a local, national and global scale. Bringing together critical theories from across the social sciences, this expansive cross-disciplinary program allows you to specialise in topics such as international relations, political economy, human rights, peace and conflict studies, anthropology, linguistics, public health, human geography, economics and sociology. The degree offers exciting opportunities to put your development knowledge into practice, including chances to participate in a research project on a community-based organisation in Sydney or take internship electives at local or international organisations.

### Master of Digital Communication and Culture

A unique degree that offers a flexible program of study in multiple aspects of digital communication and culture, including the latest developments in internet platforms, social media, research tools, digital audiences, mobile media, online governance, cross-media creative and games. This degree provides a comprehensive platform from which to engage with digital technologies and their cultural contexts. You will gain an understanding of the recent literatures on technological change and its cultural contexts.

### Master of Economic Analysis

This degree is designed for students with a strong background in mathematics, or professionals requiring high-end training in some aspects of economic theory and applications. It is also suitable for students seeking a stepping stone towards a PhD in the area of economics. You will analyse real-world matters, from public policy to law and financial markets.

### Master of Economics

Designed for professionals seeking either general or specific economic training for promotion or career change, this degree provides you with a toolkit to apply to real-life problem solving. With a combination of core and foundation study as well as elective and research project units, this course suits both graduates of economics and those with no prior economics training. The Master of Economics at Sydney is the preferred professional development qualifications for many employers.

### Master of English Studies

This degree is designed for research students from Australia and overseas, secondary school teachers and those interested in studying English literature at an advanced level. Through the course you will bring together contemporary critical theory with literary narratives and investigate how and why literature still enjoys particular resonance in the 21st century.

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*** Tuition fees are subject to annual increases each year. For further information, see page 70.

** Fees are listed for the total credit points required for course completion.
such as power and inequality, globalisation and its impact on national economic policy settings, and the trade-offs between the free market and social policy.

Learn to view economic questions in their social and political context, and from different perspectives. You will gain a deep understanding of issues like the impacts of war between states; ethnic, religious and ideological conflicts; threats to security and the stability of states from environmental degradation, infectious diseases, climate change, nuclear proliferation, and the activities of non-state actors.

Master of Health Communication

This degree will provide you with core media skills to help you become an effective communicator across health and medicine, public affairs, public relations, community relations and journalism. Designed for aspiring and experienced communicators, health advocates, public relations specialists, media experts, and healthcare professionals, the course encourages development of skills in clear communication of public health campaigns and policy topics; creation of public education programs that nurture a more healthcare-literate population; the ability to raise awareness of, and advocate for, specific healthcare matters and management of communication technology, including social media, to ensure information accuracy and uphold ethical standards.

Master of Health Security

This degree aims to train a new generation of professionals, policymakers, government officials and security sector personnel to manage complex health events and their wider social and economic consequences. The course is an intellectually rigorous and flexible multidisciplinary program of study and research in the field of health security. Based in the Faculty of Arts and Social Sciences, you can tailor your tertiary experience by drawing upon the expertise of a number of schools and faculties at the University of Sydney.

Master of Human Rights

This degree provides you with an understanding of how human rights apply in various political, social, economic and environmental contexts. You will develop critical skills in the effective use of human rights tools and language to achieve specific changes in the world while gaining skills to apply to real situations and create workable solutions. Obtain vital knowledge of international and regional human rights systems and investigate areas including sociology and social policy, political science and political economy, philosophy, history and human geography.

Master of International Relations

Learn how to better understand and address the world’s most pressing challenges: war and peace; social and economic justice; poverty; development; and environmental sustainability. You will study relations among states and between states and non-state actors, including the history, nature, and evolution of the international system. We unite political, economic, social, security and cultural dimensions to study international affairs.

Master of International Security

Through this course you will develop an understanding of both traditional and emerging security challenges and apply theories to real-world situations and current policy debates. Engage with a wide range of complex and interconnected issues, including the causes and consequences of war between states; ethnic, religious and ideological conflicts; threats to security and the stability of states from environmental degradation, infectious diseases, climate change, nuclear proliferation, and the activities of non-state actors.

Master of International Studies

This degree will provide you with skills and knowledge in the study of globalisation, development, democracies, processes of state formation, international organisations, theories of international relations, international political economy and security, global environmental politics, and Asia-Pacific and Northeast Asian politics. Gain broad-based, flexible, tailor-made training with a focus on regional studies and comparative politics that may lead to further research or employment within government, diplomacy, development, defence, intelligence, business, risk management, international organisations, theories of international relations, international political economy and security, global environmental politics, and Asia-Pacific and Northeast Asian politics.

Master of Media Practice

This degree focuses on media content production in a global context. You will learn how to enhance and strengthen your written and verbal communication skills, and develop production skills in print, broadcast and online media. The course will provide you with a sophisticated understanding of the media, audiences and global media environments to keep you relevant in an ever-changing and dynamic industry.

Master of Moving Image

This degree offers a hands-on education in contemporary moving image production by teaching you how to develop a film project from concept to screen. It is ideal for professionals pursuing a career in the film and digital media sector, and for anyone wishing to engage with contemporary filmmaking and interactive media. You will have the flexibility to tailor the degree to your preferred pathway, be it research or professional practice, including the option of undertaking a placement that interfaces directly with the moving image industry.

Master of Museum and Heritage Studies

This course will equip you with a contextual understanding of core historical and theoretical developments in museum and heritage studies. You will learn the frameworks for managing collections and sites and develop a practical understanding of the modes of interpretation used in the museum and heritage sector. Undertake object and site research, significance assessment, archival research and exhibition development and contribute to heritage studies and conservation management plans.

Master of Peace and Conflict Studies

One of only a handful of programs of its kind in the world, the Master of Peace and Conflict Studies provides a distinctive qualification in a growing field and can be tailored to your interests. In addition to a core program of peace and conflict studies units, you can pursue electives from a range of disciplines, including development studies, human rights, political economy, international relations and security studies. From justice and reconciliation after mass violence to the role of religion in war and peace, a broad range of subjects is on offer.

Master of Political Economy

Learn to view economic questions in their social and political context, and from different perspectives. You will gain a deep understanding of issues such as power and inequality, globalisation and its impact on national economic policy settings, and the trade-offs between the free market and broader social concerns. This degree provides extensive knowledge of key trends underlying the global economy and its transformation.
This degree will equip you with the latest skills required for the dynamic world of book, magazine, digital and online publishing. You will receive both professional training with direct vocational applications, as well as a scholarly approach to the history of publishing, its cultural significance and changing directions. Through this course you will study book, magazine and online editing, manuscript preparation, making magazines, print and website production, publication design, the book production and publishing business and marketing.

Master of Public Policy

Gain a critical and multidisciplinary perspective on the global, national and local levels of a rapidly changing policy environment, with growing public scrutiny, shrinking resources, and new trans-boundary challenges. Explore the opportunities and constraints stemming from political, social, economic, civil and technological factors at both the national and global levels. During this course, you will study migration, corruption, crisis management, governance and the environment.

Master of Strategic Public Relations

This degree will provide you with an understanding of public relations theory and practice at a time when new styles of management and the democratisation of workplaces demand higher proficiency in communication skills from practitioners. You’ll gain the critical and strategic thinking required to engage stakeholders in priority initiatives in a complex media environment where the boundaries between information, entertainment, image and politics are increasingly blurred.

Master of US Studies

Deepen your understanding of American politics, culture and society, and gain high-level analytical research and writing skills and a specialist understanding of United States military, political and cultural power. This degree asks you to think critically about the underlying theories and concepts of American studies, and America’s influence in the world. The course gives you an international perspective on American politics and foreign policy, and will prepare you to reach your intellectual goals ranging from policy analysis to an appreciation of cultural power and historical change.

Research courses (Arts and social sciences)

Doctor of Arts

The Doctor of Arts allows you to pursue a higher degree of rigorous scholarship while advancing your professional practice. The professional doctorate is designed to respond to the rapid changes taking place in the professional workplace which create demands on professionals such as journalists, creative writers, anthropologists, linguists, policy advisers, managers, and others to upgrade their qualifications. Further training at the upper levels of the discipline such as that offered to professional doctorate candidates can develop the sophisticated intellectual and applied knowledge and skills that are increasingly in high demand.

Doctor of Philosophy (Arts and Social Sciences)

Lead innovative and transformative research. The Doctor of Philosophy (Arts and Social Sciences) is a rigorous research program in which you will write a thesis of 80,000 words on an approved topic of your interest under the supervision of a senior academic, developing invaluable research, critical analytical and professional skills.

Doctor of Philosophy (Visual Arts)

The Doctor of Philosophy (PhD) provides you with a critical and intellectual focus to explore a single proposed research topic full time over three to four years. Your research may reflect a critical exploration of the history, theory and practice of contemporary art; the development of new materials or technologies; the relationship between contemporary art and society; or the relationship between contemporary art and other disciplines.

Doctor of Social Sciences

The Doctor of Social Sciences allows you to pursue a higher degree of rigorous scholarship while advancing your professional practice. The professional doctorate is designed to respond to the rapid changes taking place in the professional workplace which create demands on professionals such as journalists, creative writers, anthropologists, linguists, policy advisers, managers, and others to upgrade their qualifications.

Master of Arts (Research)

This research degree is designed to meet the needs of students who would like to extend their studies beyond their undergraduate degree, primarily by thesis, but do not have an undergraduate honours degree or other qualification that would allow entry into a Master of Philosophy (MPhil) or Doctor of Philosophy (PhD). The MA (Research) degree is a qualification for admission to higher degree research candidature. You cannot upgrade to a PhD without completing the master’s. The MA (Research) can be undertaken in a range of subject areas, by research and thesis only, or a combination of thesis and coursework.

Master of Fine Arts

The Master of Fine Arts by research is designed to provide you with the opportunity to develop your art practice within the structure of a research culture. You will build on your practice by investigating a proposed area of research, and will be encouraged to produce work of an original and speculative nature. Your research supervisor will provide personalised and dedicated attention to the development of your research outcomes.

Master of Philosophy (Arts and Social Sciences)

Candidates for the degree of Master of Philosophy (MPhil) research and write a thesis of 40,000 to 60,000 words on an approved topic under the supervision of a member of the academic staff. Research can be undertaken in any one of the faculty’s schools (School of Economics; School of Letters, Art and Media; School of Languages and Culture; School of Philosophical and Historical Inquiry; and School of Social and Political Sciences). Research in the Faculty of Arts and Social Sciences extends across a diverse range of disciplines in the humanities and social sciences, embracing traditional, emerging and cross-disciplinary subjects.

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*** Tuition fees are subject to annual increases each year. For further information, see page 70.

∞ Fees are listed for the total credit points required for course completion.
Business

Graduate Certificate in Innovation and Enterprise

If you are interested in creating a new enterprise, or seeking to grow or turn around a mature business, this course is for you. Drawing on strategy and entrepreneurship, the program focuses on understanding markets, opportunities and company performance. You will engage with dynamic businesses and entrepreneurs and gain the know-how to develop a successful business. The program caters to a wide variety of individuals, including entrepreneurs, researchers, creative artists and managers in both the commercial and not-for-profit sectors.

Master of Business Administration † • •

Create the future you want with an Master of Business Administration (MBA) from the University of Sydney Business School. Our unique, experiential program is purpose-built to unlock your personal and professional ambitions, and refine your leadership skills. Delivered in our CBD campus, situated in the heart of Sydney, this flexible course can be completed in two to three years of part-time study.

Master of Commerce • •

The Master of Commerce offers great choice and flexibility, allowing you to develop the knowledge and skills to advance your career in a wide range of specialisations including Accounting, Banking, Big Data in Business, Business Information Systems, Finance, International Business, Logistics and Supply Chain Management, Marketing, People, Management and Organisations, Strategy, Innovation and Entrepreneurship and more. Our program will equip you with an applied understanding of core business concepts and practices. High achieving students will have the option to undertake a work placement in Australia or overseas.

Executive Master of Business Administration †

Ranked number one by the biennial Financial Review Boss MBA Rankings in 2013 and 2015, our Global Executive MBA has been designed to give you a range of unique experiences around the world, in different countries and organisations, so you can achieve the future you’ve imagined. Because we believe that to influence the world, you need to be inspired by it.

Master of Human Resource Management and Industrial Relations • •

This program will give you an understanding of key employment issues and equip you with the skills to respond to the rapid changes reshaping local and international work practices. You will graduate as an ethically aware, highly skilled practitioner in the field of people management and employee relations, setting yourself apart from your peers.

Master of International Business

This degree will provide you with the skills needed to devise and implement strategic decisions that facilitate sustainable, global corporate growth. You will have the opportunity to engage in a real-life, mini-consulting project for a company’s current or prospective international operations either in Australia or overseas.

Master of Logistics and Supply Chain Management • •

The Institute of Transport and Logistics Studies has exceptionally strong links with industry and is recognised by the Australian Government as a centre of excellence in research and education. In this program you will learn to apply the concepts and techniques at the heart of logistics and supply chain management and benefit from placement opportunities with leading companies. Upon graduation, you will be in demand.

Master of Management (CEMS) • •

If you are fluent in a second language, the Master of Management (CEMS) will open doors for you internationally. We are the only university in Australia to offer this prestigious program, which enables you to complete the CEMS Master’s in International Management program as part of your degree. You will spend at least one semester overseas at a top university belonging to the exclusive CEMS network.

Master of Management

Ranked Number 1 in Australia by the Financial Times for four consecutive years - 2013, 2014, 2015 and 2016 - the Master of Management will dramatically increase your employment prospects. Specifically designed for recent graduates seeking a dynamic business career, you will develop the skills that businesses demand in their future leaders by working directly with companies and in highly interactive learning environments.

Master of Marketing • •

Our Master of Marketing is accredited by the Australian Marketing Institute and offers experienced managers the strategic knowledge and practical marketing skills that businesses today demand. With small class sizes, the program provides a dynamic and creative environment to share professional experiences, cutting-edge research, applications and values. Accelerate your career with this highly regarded program.

Master of Professional Accounting • •

The Master of Professional Accounting offers you the opportunity to develop the knowledge and expertise you need for a rewarding career in accounting, starting with associate membership of professional accountancy bodies. You will undertake advanced learning in both theory and professional practice and learn to solve accounting and business problems in innovative ways.

Master of Transport Management • •

Delivered by the Institute of Transport and Logistics Studies, a national centre of excellence in research and education, the Master of Transport Management focuses on policy and strategic planning. With outstanding industry placement opportunities and world-renowned lecturers, you will learn the practical skills and theory necessary to become a leader in this dynamic sector.

†, •, &: See page 70 for more information
The University of Sydney Business School has an outstanding reputation for the quality of its research across a wide range of academic disciplines. The Master of Philosophy takes at least one year of full-time study to complete, during which candidates undertake approved research and write a thesis of up to 50,000 words.

If you are a trained teacher, the Master of Education offers advanced learning in a dynamic climate of change and innovation. Designed for leaders and future leaders of education, it enhances your knowledge and practical skills and deepens your understanding of educational theory and research. This program is designed to develop and support the careers of trained teachers who are teaching professionals, educational administrators, researchers and policymakers. You can choose to complete your course with units of study that suit your interests from our field offerings, including educational management and leadership, educational psychology, international education, special and inclusive education, sports coaching, and teaching English to speakers of other languages (TESOL).

If you aspire to develop a deep understanding of learning, motivation, human development, thinking skills and individual differences, to apply to your career in education or human resource management, then the Master of Education (Educational Psychology) is the program for you.

If you are working, or aspiring to work, in the field of international education? The Master of Education (International Education) offers invaluable knowledge, skills and experience to planners, officials, non-government employees and others who work or wish to work in national or international organisations. This specialised program explores issues such as the processes of globalisation and their effects on education, intercultural aspects of education, and international systems and institutions, making it the perfect choice for practitioners and potential practitioners in the field. The program is offered entirely online, allowing you the flexibility of continuing to work anywhere in the world while you study.

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Would you like to develop the specialised skills, knowledge and values to teach children with special education needs, and for leadership, consultancy and resources roles in special and inclusive education? This program will equip you to tackle the real-world challenges that teachers face in the classroom every day. You will explore how to work with students who have special education needs, how to prevent disruptive behaviour and teach students with learning difficulties. You’ll gain a broad perspective on the issues, practices and philosophies in special and inclusive education.

The Master of Education (Sports Coaching) will equip you to apply a significant range of coaching principles and complex techniques across a wide and often unpredictable variety of coaching situations. You’ll acquire the capacity to apply professional and academic knowledge in developing and implementing effective learning experiences in the field of sports coaching, examine the technological resources available to support the implementation of specific strategies in coaching athletes and teams, and develop an integrated model with the right mix of training activities, coaching pedagogy and sports science to optimise athletic performance.
Develop the skills and knowledge to successfully face the practical challenges of English language teaching in a second language context. Using the latest research, this program investigates the theoretical basis of issues relating to applied linguistics and sociocultural contexts of education. The Master of Education (TESOL) will develop your professional expertise and knowledge in the areas of applied linguistics and English language education whether you are, or are aspiring to become, an English language teacher of children, adolescents or adults. (Note that this program does not in itself lead to a professional teaching qualification.)

**Master of Learning Sciences and Technology (Professional)**

The Master of Learning Sciences and Technology is designed to give you unparalleled insight into the design, management and research of technology-supported learning. The professional pathway will appeal to you if you’re looking to work as a learning and development manager, an instructional designer, a multimedia learning designer or a learning strategist. The faculty’s Centre for Research on Computer-Supported Learning and Cognition (the CoCo Research Centre) offers specialised technologies and facilities, including a combination of virtual and physical spaces equipped with the latest learning technology.

**Master of Learning Sciences and Technology (Research)**

The design and management of e-learning systems is a complex task that requires specialist skills and an understanding of how people and organisations learn. This research pathway will suit you if you want to conduct research in ICT-supported learning or if you’re planning to progress to a higher research degree. If you pursue the research pathway you’ll complete a dissertation (12 credit points) on a topic chosen in consultation with your supervisor along with core units of study in psychology and the design of technology-supported learning, emerging educational technologies and research frontiers.

**Master of Policy Studies**

Would you like to gain the knowledge to lead policy creation and changes that could improve thousands of lives worldwide? The course will equip you to analyse past policy debates worldwide and key human services organisational changes to deepen your understanding of how these processes work.

**Master of Social Work**

The Master of Social Work invites you to reflect on your practice, appraise alternative practices and theories, and assess your clients’ needs in new ways. It offers you an opportunity to critically evaluate your existing practice and provision, and gain skills to promote change, improve services and affect outcomes in the lives and situations of your clients.

**Master of Social Work (Qualifying)**

Become an accredited social worker with the Master of Social Work (Qualifying). You’ll advance your career and be ready for social work roles in health and community services. This degree equips you to take on leadership roles in social work, the health and community services sector and related fields of practice. If your ambition is to make a positive difference in mental health, women’s services, corrections, disability support, child and family services, migrant and refugee services or international development, this is the program for you.

**Master of Teaching (Early Childhood)**

Would you like to inspire and influence the next generation? This program enables you to qualify to teach children from birth to five years. You will develop the knowledge and skills to become an outstanding early childhood teacher, professional decision maker, ethical leader, and theoretical and practical thinker.

**Master of Teaching (Health and Physical Education)**

This program will give you the knowledge, skills and practical experience to teach personal development, health and physical education (PDHPE) in secondary schools. With a strong focus on practical workplace training, your coursework is enhanced by more than four months of practical experience. You’ll learn first hand how to tackle everyday teaching challenges as well as school visits and a nine week internship in a high school. As part of the final internship you will also complete a professional research project.

**Master of Teaching (Primary)**

This degree prepares you to teach all primary school subjects from kindergarten to Year 6 (K-6). As well as learning about the policy frameworks that shape teaching in NSW, Australia and internationally, you will attend lectures and complete assignments about issues in teaching, learning and family services in all school years, from Kindergarten to the Higher School Certificate.

**Master of Teaching (School Counselling)**

If your ambition is to make a positive difference to the lives of children and adolescents, this is the program for you. It qualifies you to become an accredited school counsellor as well as a teacher in one area of the secondary school curriculum. In New South Wales, accredited school counsellors are qualified teachers who also have postgraduate qualifications in psychology (honours or the equivalent of a fourth year of study in psychology) sufficient for eligibility for registration with the Psychology Board of Australia. On completion of this degree, you may choose to complete the necessary additional requirements to become a registered psychologist, which includes a period of supervised practice.

**Master of Teaching (Secondary)**

Specialise in either one or two teaching areas at secondary education level, depending on your areas of interest. If your ambition is to teach science, mathematics or languages, you can study one of these as a ‘double method’ teaching area, and you won’t need to study a second area. Alternatively you can choose to study two ‘single method’ teaching areas, potentially broadening your future employment options.
Courses

Research courses (Education and social work)

Doctor of Philosophy (Education)

Lead educational transformation and change. In the Doctor of Philosophy (Education) you will design and undertake an independent research project under the guidance of a senior academic and an associate supervisor, culminating in an 80,000-word thesis. Cultivate research expertise and specialist knowledge as you enhance your professional and academic opportunities.

Fees:

- 6.5 (6.0) Mar/Jul
- Duration: 3–4 years
- Tuition fee: 39,500

Doctor of Philosophy (Social Work)

Lead transformational and life-changing research. In the Doctor of Philosophy (Social Work) you will design and undertake an independent research project under the guidance of a supervisor and an associate supervisor, culminating in an 80,000-word thesis. Cultivate research expertise and specialist knowledge as you enhance your professional and academic opportunities.

Fees:

- 6.5 (6.0) Mar/Jul
- Duration: 3–4 years
- Tuition fee: 39,500

Doctor of Social Work

The Doctor of Social Work (DSW) is a professional higher degree that involves directly relevant coursework, practice-development research at a high standard, and a research thesis of 50,000 words that links the other two components. The DSW allows you to review and develop theoretical expertise in the changing context of welfare. It also offers the flexibility to tailor learning to your professional and personal interests. Data is a vital asset to any organisational project. Graduates are equipped to lead in social work research as well as in instructing and mentoring social workers.

Fees:

- 6.5 (6.0) Mar/Jul
- Duration: 1–2 years
- Tuition fee: 39,500

Master of Education (Research)

This degree offers advanced training in education research and provides a research path to doctoral study in education. It is designed for people who wish to undertake a research degree, but not one of the length and scale of a Doctor of Philosophy (PhD) or Master of Philosophy, enrol in a PhD and Doctor of Education degree, but lack either an honours year or a degree that would permit them direct admission to enrol in a higher degree that contains some coursework, but do not need or wish to undertake the amount required by the current Master of Education (coursework) program.

Fees:

- 6.5 (6.0) Mar/Jul
- Duration: 1–2 years
- Tuition fee: 39,500

Master of Philosophy in Education

Become a leader in research and education. In the Master of Philosophy (Education) you will design and undertake a supervised research project, culminating in a 30,000-word thesis. Develop invaluable research skills as you enhance your career and open pathways to further research.

Fees:

- 6.5 (6.0) Mar/Jul
- Duration: 1–2 years
- Tuition fee: 39,500

Master of Philosophy in Social Work

Transform social work through innovative research. In the Master of Philosophy (Social Work) you will design and undertake a supervised research project, culminating in a 30,000-word thesis. Cultivate invaluable research skills as you enhance your career and open pathways to further research.

Fees:

- 6.5 (6.0) Mar/Jul
- Duration: 1–2 years
- Tuition fee: 39,500

Engineering and information technologies

Graduate Diploma in Computing

If you are a non-IT graduate wishing to upskill and move into the IT industry or enhance your existing career with technology-based qualifications, the Graduate Diploma in Computing will suit you. You will gain a strong foundation in information technologies, learn to design specialist systems, and develop skills integral to a wide range of disciplines such as health, science, engineering and business.

Fees:

- 6.5 (6.0) Mar/Jul
- Duration: 1 year
- Tuition fee: 41,000

Master of Complex Systems

This degree will give you the expertise to model, analyse and design resilient technological, socioeconomic and socioecological systems, as well as develop strategies for crisis forecasting and research output. It will develop your analytical and technical skills to use data science to guide strategic decisions in your area of expertise. It also offers the flexibility to tailor learning to your professional and personal interests. Data is a vital asset to any organisation. It holds valuable insights into areas such as customer behaviour, market intelligence and operational performance. Data scientists build intelligent systems to manage, interpret, understand and derive key knowledge from big data sets.

Fees:

- 6.5 (6.0) Mar/Jul
- Duration: 2 years
- Tuition fee: 41,000

Master of Data Science

The Master of Data Science is a professional degree for people who are passionate about drawing meaningful knowledge from data to drive business decision-making or research output. It will develop your analytical and technical skills to use data science to guide strategic decisions in your area of expertise. It also offers the flexibility to tailor learning to your professional and personal interests. Data is a vital asset to any organisation. It holds valuable insights into areas such as customer behaviour, market intelligence and operational performance. Data scientists build intelligent systems to manage, interpret, understand and derive key knowledge from big data sets.

Fees:

- 6.5 (6.0) Mar/Jul
- Duration: 1 year
- Tuition fee: 41,000

Master of Engineering

If you are a qualified engineer seeking to move into a management role or to specialise or update your skills, the Master of Engineering will build on your engineering undergraduate degree by developing specialised technical knowledge in your chosen area. See the Master of Engineering specialisations below for more information.

Master of Engineering (Automation and Manufacturing Systems)

You’ll develop specialised technical knowledge in automation and manufacturing systems, enabling you to apply engineering principles to understand, modify or control the manufacture, delivery and maintenance of technology components.

Fees:

- 6.5 (6.0) Mar/Jul
- Duration: 1.5 years
- Tuition fee: 44,500

Master of Engineering (Biomedical Engineering)

You’ll acquire specialised, technical knowledge in biomedical engineering, developing technology to monitor physiological functions and assist in diagnosis and treatment of patients.

Fees:

- 6.5 (6.0) Mar/Jul
- Duration: 1.5 years
- Tuition fee: 44,500

*** Tuition fees are subject to annual increases each year. For further information, see page 70. ∞ Fees are listed for the total credit points required for course completion.
Master of Engineering (Chemical and Biomolecular Engineering)
You’ll develop specialised technical knowledge in chemical and biomolecular engineering, focusing on the design and management of industrial processes guided by economic, environmental and societal considerations.

Master of Engineering (Civil Engineering)
You’ll develop specialised skills for planning, designing and testing structures within the built environment including dams, bridges, pipelines, roads, towers and buildings.

Master of Engineering (Electrical Engineering)
You’ll develop specialised technical knowledge in electrical engineering, and learn about designing and building systems that generate, transmit, measure, control and use electrical energy.

Master of Engineering (Fluids Engineering)
You’ll develop specialised technical knowledge in fluids engineering, learning about fluid mechanics and engineering systems associated with the fluid environment.

Master of Engineering (Geomechanical Engineering)
You’ll develop specialised technical knowledge in geomechanical engineering, learning how to examine soil and rock layers and determine their physical and chemical properties to design foundations and earthworks structures.

Master of Engineering (Mechanical Engineering)
You’ll develop specialised technical knowledge in mechanical engineering, gaining an advanced understanding of the design of mechanical components, whole machines, mechanical systems and mechanical processes.

Master of Engineering (Power Engineering)
You’ll develop specialised technical knowledge in power engineering, gaining the advanced skills to plan, design, construct, operate and maintain power systems and equipment.

Master of Engineering (Risk Management)
You’ll develop specialised technical knowledge in risk management, gaining an understanding of the Australian standards applied to manufacturing and processing industries through project management, industrial processing and risk management operations in an engineering context.

Master of Engineering (Software)
You’ll develop specialised technical knowledge in software engineering, covering all aspects of software production from strategy and design to coding, quality and management.

Master of Engineering (Structural Engineering)
You’ll develop specialised technical knowledge in structural engineering, gaining an understanding of how structures and buildings resist and transfer natural and other forces to the ground.

Master of Engineering (Sustainability and Environmental Engineering)
You’ll develop specialised technical knowledge in sustainability and environmental engineering, exploring the development of sustainable products and processes that maximise efficiency and minimise environmental impact.

Master of Engineering (Telecommunications Engineering)
You’ll develop specialised technical knowledge in telecommunications engineering, learning to design, construct and manage systems that carry out wireless transmission and broadcasting of information.

Master of Health Technology Innovation
If you are a health practitioner, engineer, IT professional or scientist, this unique program will equip you with the skills to deliver improved health outcomes for patients through the innovative use of health technologies. Recognising the changing healthcare landscape, the Master of Health Technology Innovation will help you bridge the gap between the technical and clinical arenas. Healthcare solutions are increasingly dependent on the innovative use of modern technologies. If you are seeking to broaden your career options and take advantage of exciting opportunities in this emerging field, this professional degree is for you.

Master of Information Technology
This degree is designed for IT professionals looking to update and extend their technical knowledge of advanced computing subjects, or move into a new IT specialisation. Internationally recognised, it can help advance your career in diverse fields such as software engineering, health, telecommunications and more. The program is also an excellent retraining opportunity for professionals who want to specialise in a different area of IT.
Course name | Graduate certificate available | Graduate diploma available | IELTS | Commencing semester | Duration in years (full time) | 2018 indicative Year tuition fee (A$)/1.0 EFTSL
--- | --- | --- | --- | --- | --- | ---
Master of Information Technology Management | | | 6.5 (6.0) | Mar/Jul | 1.5 | 41,000

If you are an IT professional or technically skilled graduate aiming to make the transition into management, the Master of Information Technology Management will help you develop the skills to manage the design, delivery and operation of business technologies effectively. It will equip you with an in-depth understanding of key areas such as data analytics, business intelligence, IT strategy and IT project management. This professional degree program will prepare you to succeed in managing areas that use technology to expand business endeavours. It will give you an in-depth understanding of key areas such as data analytics, business intelligence, IT strategy and IT project management.

Master of Information Technology and Master of Information Technology Management | | | 6.5 (6.0) | Mar/Jul | 2 | 41,000

If you are an IT professional or graduates wanting to develop both technical and management skills specifically related to technology, this combined degree will improve your understanding of the latest advancements in IT and how to use them to drive organisational transformation. The degree's accelerated two-year structure gives you the opportunity to undertake specialist study in a range of IT-related disciplines along with a program in IT management. It will deepen your technical knowledge of complex IT environments while developing your ability to manage the design, delivery and operation of business technologies. The combined degree is accredited by the Australian Computer Society as a professional-level course.

Master of Professional Engineering (Aerospace)
The aerospace specialisation covers spacecraft and satellite design, aerodynamics, aircraft design analysis, and smart materials.

Master of Professional Engineering (Biomedical)
The biomedical specialisation covers biomaterials engineering, applied tissue engineering, advanced engineering materials and computational fluid dynamics.

Master of Professional Engineering (Chemical and Biomolecular)
The chemical and biomolecular specialisation explores industrial processes in which material in bulk undergoes physical or chemical changes.

Master of Professional Engineering (Civil)
The civil specialisation will teach you about planning, designing and testing structures within the built environment, including dams, bridges, pipelines, roads, towers and buildings.

Master of Professional Engineering (Electrical)
The electrical specialisation covers designing and building systems that generate, transmit, measure, control and use electrical energy.

Master of Professional Engineering (Fluids)
The fluids specialisation will teach you about fluid mechanics and engineering systems associated with the fluid environment.

Master of Professional Engineering (Geomechanical)
In the geomechanical specialisation you'll learn to examine soil and rock layers and determine their physical and chemical properties to design foundations and earthworks structures.

Master of Professional Engineering (Mechanical)
The mechanical specialisation will provide you with an advanced understanding of the design of mechanical components, whole machines, mechanical systems and mechanical processes.

Master of Professional Engineering (Power)
The power specialisation will provide you with advanced skills to plan, design, construct, operate and maintain power systems and equipment.

Master of Professional Engineering (Software)
The software specialisation addresses all aspects of software production from strategy and design to coding, quality and management.

Master of Professional Engineering (Structural)
The structural specialisation is concerned with the design of high-rise buildings, industrial complexes, bridges, stadiums, and sporting and exhibition centres.

Master of Professional Engineering (Telecommunications)
The telecommunications specialisation covers the design, build and management of systems that carry out the transmission and broadcasting of information using wireless signals.

*** Tuition fees are subject to annual increases each year. For further information, see page 70.
≡ Fees are listed for the total credit points required for course completion.
The Master of Project Leadership will enable you to acquire the skills required to establish and tailor sophisticated interdependent project frameworks. You will develop an understanding of high-level concepts of open-systems innovation, dynamic social networks and design thinking. This program is designed for experienced project managers and senior managers seeking to develop the critical complex thinking and communication skills required for successful project leadership. An innovative and challenging program, it will develop your strategic thinking capability and broaden conventional concepts of leadership, management, governance, risk, resilience and sustainability.

The Master of Project Management will provide you with the advanced project management skills you will need for hands-on project management. This course is an ideal complement to your on-the-job experience and will equip you with the fundamental methodologies, modelling and analytical techniques for the design and implementation of projects across a wide range of industries. You will have the opportunity to work in small groups, sharing your industry knowledge and expertise with fellow professionals.

The Doctor of Philosophy (PhD) program involves preparing a thesis that will make a substantial and original contribution to the specific subject area. The Faculty of Engineering and Information Technologies focuses on multidisciplinary research centred on various key themes: field robotics; agricultural engineering; biomedical engineering and technologies; human-centred technology; complex systems; materials and structures; food processing; clean, intelligent energy networks; and water and the environment. This degree is awarded if your thesis is considered to be a substantial and original contribution to the subject concerned.

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The Master of Health Science (Developmental Disability) is designed for practitioners from diverse backgrounds in disability services, including medical, nursing, dental, allied health therapies, social work, behavioural science and educational professions to develop specialist knowledge in the field of developmental disability. Developmental disability is a diverse group of chronic conditions including intellectual disability, autism spectrum disorders and cerebral palsy.

The Master of Medical Imaging Science will help you develop research skills and knowledge in the field of medical radiation sciences, including the areas of computed tomography, magnetic resonance imaging, hybrid imaging, breast imaging and radiographic image interpretation and research. The rapid evolution of medical imaging technology calls for expert researchers to develop optimised imaging techniques and advance diagnostic efficacy. Professionals in this field need high-level technical expertise and communication skills to provide optimal patient care.

This course prepares graduates for clinical practice in the profession of occupational therapy. Occupational therapists work with their clients to overcome barriers that may be preventing them from participating more fully in life. This might involve teaching alternative techniques to achieve a given task, or facilitating improvement of skills. Occupational therapists collaborate with family and carers where needed, and typically work in teams with other health professionals. The course is a graduate-entry program (you are required to have completed an undergraduate degree prior to entry), however it is designed to accommodate all suitably qualified candidates regardless of their previous discipline.
Tuition fees are subject to annual increases each year. For further information, see page 70.

Fees are listed for the total credit points required for course completion.

<table>
<thead>
<tr>
<th>Course name</th>
<th>Semester</th>
<th>Duration in years (full time)</th>
<th>2018 indicative Year tuition fee (A$) / EFTSL***</th>
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</thead>
<tbody>
<tr>
<td>Master of Physiotherapy</td>
<td>7.0 (7.0)</td>
<td>Jan</td>
<td>65,000</td>
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<tr>
<td>Research courses (Allied Health)</td>
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<tr>
<td>Doctor of Philosophy (Health Sciences)</td>
<td>6.5 (6.0)</td>
<td>Mar / Jul / Oct</td>
<td>44,500</td>
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<td>Dentistry</td>
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<tr>
<td>Graduate Diploma in Clinical Dentistry (Advanced Restorative)</td>
<td>7.0 (7.0)</td>
<td>Jan</td>
<td>65,000</td>
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<tr>
<td>Doctor of Clinical Dentistry (Oral Medicine)</td>
<td>7.0 (7.0)</td>
<td>Feb</td>
<td>65,000</td>
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<tr>
<td>Doctor of Clinical Dentistry (Orthodontics)</td>
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</tbody>
</table>

This course prepares graduates for professional practice as physiotherapists. Physiotherapists use highly-developed clinical reasoning skills to assess, diagnose and treat people with movement problems caused by a wide variety of joint, muscle, nerve and metabolic disorders. They use a range of drug-free techniques to treat and prevent injuries, and assist their clients to maintain fit and healthy bodies. The focus of physiotherapy is upon patient-centred care. The core areas of the course are introductory and advanced musculoskeletal, neurological, and cardiopulmonary physiotherapy, applied to patients across the lifespan.

This course prepares graduates for professional practice as rehabilitation counsellors. Graduates attain professional status as a rehabilitation counsellor and are qualified to provide specialist counselling, rehabilitation, and case management services to people who have experienced injury, disability or social disadvantage. You will gain the information and skills you need to assist people to attain maximum participation in employment and community life through appropriate assessment, counselling, service provision and support.

The Master of Speech Language Pathology (MSLP) prepares graduates for professional practice as speech pathologists. Speech pathologists work with children and adults with communication and speech difficulties, including problems with speaking, comprehension, reading, writing, voice problems and stuttering. Speech pathologists also work with children and adults who have swallowing difficulties or need alternative ways to communicate. The curriculum for the MSLP has been designed to enable students to learn in a way that resembles the clinical practice of speech pathology.

This course allows you to conduct high-impact, multidisciplinary research that spans the broad areas of cancer diagnosis and rehabilitation, communication and sciences disorders, disability and mental health, musculoskeletal health and physical activity, lifestyle, ageing and wellbeing. As a doctoral student, you will engage with a community of world-class research scholars to develop your expertise through seminar presentations and collaborative relationships with government, industry and international organisations. Over the 3-4 year period, you will gain advanced research and critical thinking skills that will see you publish work in journals and influence health policy that will culminate in the completion of a significant thesis of work.

This course provides the opportunity for dentists registered in Australia to develop skills and acquire knowledge essential for oral surgery through a comprehensive curriculum of theoretical and clinical studies. It has a foundation of evidence-based practice, will enable the provision of a range of oral surgery services including appropriate oral surgical management of medically compromised patients, and will include oral medicine and oral pathology components as well as implants. You will also complete a research project in the field of oral surgery under the supervision of an academic staff member.

The Advanced Restorative course will provide you with a high level of knowledge and advanced skills in the areas of advanced restorative dentistry, prosthodontics and oral implants. Building on the foundation of the graduate certificate, this graduate diploma provides more intensive theoretical and clinical work, which can then be followed by the Doctor of Clinical Dentistry (Prosthodontics) or a higher degree by research in this field.

This course prepares graduates for professional practice as physiotherapists. Physiotherapists use highly-developed clinical reasoning skills to assess, diagnose and treat people with movement problems caused by a wide variety of joint, muscle, nerve and metabolic disorders. They use a range of drug-free techniques to treat and prevent injuries, and assist their clients to maintain fit and healthy bodies. The focus of physiotherapy is upon patient-centred care. The core areas of the course are introductory and advanced musculoskeletal, neurological, and cardiopulmonary physiotherapy, applied to patients across the lifespan.

The Orthodontics program provides the opportunity for you to develop skills and acquire knowledge essential for specialisation in orthodontics through a comprehensive curriculum of theoretical and clinical studies. Technique instruction is based on fixed appliance therapy, comprising Begg and Edgewise philosophies, including a self-ligating bracket technique. As a capstone to your studies, you will complete a research project in the field of orthodontics under the supervision of an academic staff member.
**Doctor of Clinical Dentistry (Periodontics)**  
7.0 (7.0)  
Jan  
3  
65,000

The Periodontics program trains qualified dentists who wish to specialise in periodontics. You will complete a research project in the field of periodontal surgery or practise under the supervision of an academic staff member, develop technical skills in periodontal implants and clinical periodontics, and acquire a comprehensive understanding of the field of periodontontology.

**Doctor of Clinical Dentistry (Prosthodontics)**  
7.0 (7.0)  
Jan  
3  
65,000

The Prosthodontics program trains qualified dentists who wish to specialise in prosthodontics. The course will develop your clinical skills in advanced restorative dental surgery and contemporary prosthodontics and you will acquire a comprehensive understanding of orofacial pain. You will also complete a research project in the field of prosthodontics or restorative dentistry under the supervision of an academic staff member.

**Doctor of Clinical Dentistry (Special Care Dentistry)**  
7.0 (7.0)  
Jan  
3  
65,000

The Special Care Dentistry program is aimed at qualified local and international dentists who wish to practise in fields of special care. Oral biology, oral medicine, oral pathology and internal and general medicine will form the basis of your foundation year in the course. You will then complete advanced studies in behaviour and dental management, restorative dentistry, and growth, development and aging. You will also complete a research project in the field of special care dentistry under the supervision of an academic staff member.

**Doctor of Dental Medicine**  
7.0 (7.0)  
Jan  
4  
76,000

The Doctor of Dental Medicine is a graduate-entry program qualifying graduates to practise as dentists. It is presented across four years utilising postgraduate methods of delivery and assessment. Four units of study, each composed of a number of cognate disciplines, have an initial theoretical and practical component, in association with simulated learning, progressing to eventually become exclusively patient-based clinical education in Year 4.

**Research courses (Dentistry)**

**Doctor of Philosophy (Dentistry)**  
6.5 (6.0)  
Jan / Mar / Jul / Oct  
3–4  
44,000

At the Faculty of Dentistry, our aim is to put the mouth into health. Our research strengths include microbial pathogenicity, biomaterials, implant technology, tissue regeneration and minimal intervention therapies for management of caries. This course is aimed at those who intend to pursue academic careers in oral health or a related field and can be undertaken in a range of dental specialisations.

**Master of Philosophy (Dentistry)**  
6.5 (6.0)  
Jan / Mar / Jul / Oct  
1–2  
44,000

At the Faculty of Dentistry, our aim is to put the mouth into health. Our research strengths include microbial pathogenicity, biomaterials, implant technology, tissue regeneration and minimal intervention therapies for management of caries. If you aim to pursue a research career in oral health or a related field, this course is for you. It may also be used as a foundation to commencing a Doctor of Philosophy (PhD).

**Medicine**

**Doctor of Clinical Surgery**  
6.5 (6.0)  
Mar / Jul  
3  
44,500

The Doctor of Clinical Surgery prepares you to become a surgical leader with attitudes and skills that meet the challenges of modern specialist surgical practice. This degree will also enhance your research skills for an academic career, combining surgical studies and training with research.

**Doctor of Medicine**  
7.0 (7.0)  
Feb  
4  
76,000

The Doctor of Medicine (MD) is a four-year professional postgraduate medical degree offering you clinical experience at leading hospitals, research opportunities at world-leading Institutes, and established elective placements throughout Europe, Africa, North America and Asia. Our course will provide you with current best practice in medical education, high teacher-student ratios and extensive scholarship support. You will graduate as a medical practitioner who is responsive to the health needs of individuals, families and communities and committed to improving the health care system at all levels. Our students come from a range of backgrounds and academic disciplines. The MD program comprises four broad themes that run through all four years of the course: Basic and Clinical Sciences; Patient and Doctor; Population Medicine; and Personal and Professional Development.

**Master of Bioethics**  
7.0 (6.5)  
Mar / Jul  
1  
44,500

Bioethics is concerned with ethical questions that arise in the contexts of biological and health sciences. Social concern about such issues has grown with the advancement of biomedical and reproductive health technologies, genetic engineering, cloning and stem cell research. The study of bioethics has traditionally addressed issues such as abortion, euthanasia, the relationships between health care providers and patients, research involving humans and animals and justice in the distribution of health resources. Emerging ethical issues are related to risk and health, nanotechnology and global public health.

**Master of Biostatistics †**  
6.5 (6.0)  
Mar / Jul  
Part time  
44,500

Biostatistics can be used to show the most effective treatment in the spread of disease, or determine risk factors in genetic inheritance and mutation. The Master of Biostatistics covers areas such as the design of randomised controlled trials, categorical data and generalised linear models, survival analysis, and longitudinal and correlated data analysis. Our biostatistics programs are accredited with the Statistical Society of Australia.

†, † †: See page 70 for more information
Course name | Graduate diploma available | IELTS | Commencing semester | Duration in years (full-time) | 2018 indicative Year 1 tuition fee (A$) / EFTSL
---|---|---|---|---|---
**Master of Brain and Mind Sciences** * * | 6.5 (6.0) | Mar | 1 | 44,500
The Master of Brain and Mind Sciences provides focused education and training for the next generation of science, medical, nursing, psychiatry and psychology workforces, preparing them to meet the needs of those suffering from disorders of the brain and mind. The course will promote interdisciplinary research, encouraging investigation into disease in areas of the brain and mind. The course also draws on the strengths of the Brain and Mind Centre (BMC) to assist you in your professional and clinical skill development.

**Master of Clinical Trials Research †** * * | 7.0 (7.0) | Mar | Time | 44,500
This distinctive course, targeted at medical doctors and allied health professionals, will allow you to acquire the expertise needed to design, develop, lead and conduct clinical trials. The course is led by the NHMRC Clinical Trials Centre (CTC), Australia’s premier academic clinical trials research organisation and is specifically focussed on clinical trials design and research methodology. The course is offered via distance learning. As a result of participation, you will have a solid understanding of clinical trials methodologies underpinning the design of good quality studies, as well as the knowledge to lead and/or design, conduct and appropriately interpret the results of single and multi-centre clinical trials.

**Master of Genetic Counselling** * | 7.0 (6.5) | Mar | 2 | 44,500
The Master of Genetic Counselling prepares you for career opportunities delivering prenatal, paediatric and adult genetic counselling in public and private health services, including cancer, IVF and ultrasound clinics. It will equip you with the knowledge and skills to provide families with support and information about conditions due to genetic variations.

**Master of Health Policy** * * | 6.5 (6.0) | Mar/Jul | 1 | 44,500
The Healthy Policy program at Sydney Medical School provides you with a comprehensive and practical understanding of health systems and policymaking processes. It offers a critical perspective on how health systems operate and the forces that shape the health policy environment. Graduates will have a comprehensive and practical understanding of policymaking, including economic evaluation; health financing and budgets; power; politics and agenda setting; and the critical use of evidence. This course is designed for health practitioners who are interested in learning more about how health priorities are set and wish to gain a broader understanding of health systems. It is also for those already engaged in or planning careers in public policy who wish to extend their knowledge of health policy and policy making.

**Master of Health Technology Innovation** Refer to the Master of Health Technology Innovation under Engineering and Information Technologies on page 84.

**Master of Health Security** Refer to the Master of Health Security under Arts and Social Sciences on page 78.

**Master of International Public Health** 6.5 (6.0) | Mar/Jul | 1 | 44,500
Gain the skills and knowledge required to make a difference in low and middle income countries with our Master of International Public Health. You will learn strategies to develop programs sensitive to local cultures in the developing world and deliver transformative programs in countries with limited resources. This program will enable you to improve the lives of some of the world’s most disadvantaged people. It covers control of infectious diseases such as malaria and HIV/AIDS, as well as the new epidemic of non-communicable diseases.

**Master of International Ophthalmology †** 6.5 (6.0) | Mar/Jul | 1 | 44,500
This degree will provide you with the skills to practise ophthalmology at the highest possible standard with an emphasis on the specific diseases and pathologies within developing countries. Our ophthalmology programs have been developed and are taught by the Save Sight Institute at the Sydney Eye Hospital. They have extensive experience in providing the best quality ophthalmic care in developed and developing countries.

**Master of Medicine (Cataract and Refractive Surgery) †** 6.5 (6.0) | Mar/Jul | 1 | 44,500
Refractive surgery is an ever-expanding area within the field of ophthalmology that encompasses laser and non-laser vision correction. Such surgery has traditionally been performed by surgeons in large private clinics, but in recent years has become accepted as part of mainstream ophthalmic care. Laser eye surgery is now the most frequently performed eye operation in Australia. Upon completion of this course you will be equipped with knowledge of cataract and refractive surgery theory and practice.

**Master of Medicine (Clinical Epidemiology) Δ** 6.5 (6.0) | Mar/Jul | 1 | 44,500
Clinical Epidemiology is the science behind good clinical research and evidence-based clinical decision making. Our programs are designed to develop both clinical researchers and practitioners by teaching the skills needed to generate high-quality clinical research, as well as the skills to locate, appraise, interpret and apply the best research evidence to patient care. This program will also develop the research skills required by many clinical training positions.

**Master of Medicine (Critical Care Medicine) †** 7.0 (6.5) | Mar/Jul | 1 | 44,500
This innovative program has been designed by critical care clinicians for doctors interested in emergency medicine, anaesthetics and intensive care medicine. It is the first such course to be offered in Australasia. A broad range of subjects relevant to the practice of critical care are available and include the basic sciences (in preparation for College examinations) retrieval medicine, pain medicine, clinical neurophysiology and clinical reasoning and communication.

*** Tuition fees are subject to annual increases each year. For further information, see page 70.
∞ Fees are listed for the total credit points required for course completion.
Clinical neurophysiology is a broad discipline, encompassing diagnostic services for patients presenting with neurological dysfunction, systemic diseases and critical illnesses, through to the provision of intraoperative monitoring of the nervous system during at-risk procedures. This course is designed for anaesthetists, neurologists, neurophysiology scientists and technologists, and trainees in these areas. It aims to provide structured educational programs in neurophysiological monitoring to complement experiential learning in the workplace. This is the only postgraduate coursework of its kind in Australia.

Human Immunodeficiency Virus (HIV) and sexually transmitted infections (STIs) are major public health concerns, with millions of adults and children becoming infected each year. Effective prevention, diagnosis, management and surveillance of HIV and STIs require a thorough understanding of issues such as microbiology, immunology, diagnostics, therapeutics, harm reduction strategies and program delivery. This course provides comprehensive, evidence-based, inter-professional and research-intensive learning experiences that meet the needs of Australian and international students working in a range of disciplines related to HIV, STIs and sexual health. It also creates opportunities to seamlessly transition to research candidature.

This double degree allows you to further your research skills after completing a Master of Medicine or Master of Science in Medicine (HIV, STIs and Sexual Health). It provides comprehensive, evidence-based, inter-professional and research-intensive learning experiences that meet the needs of students working in a range of disciplines related to HIV, STIs and Sexual Health. You need to complete the coursework component with a satisfactory result, before progressing to the research component under the guidance of an allocated supervisor.

The Internal Medicine program is the first of its kind in Australia. It is a collaboration between the University of Melbourne and the University of Sydney which provides a unique depth of teaching and clinical experience. While the course is focused on doctors undertaking training with the Royal Australasian College of Physicians, it offers a strong background in internal medicine to trainees and established clinicians in emergency medicine, intensive care medicine and general practice who want to develop their knowledge and skills in adult internal medicine.

There is a global epidemic of diabetes and obesity and clinicians need to understand these diseases and be equipped to manage them. Our program is developed and delivered by international leaders in the field of diabetes and metabolic health. It provides students with knowledge and skills to manage diabetes, obesity and associated cardiovascular complications in the general population as well as particular groups, such as pregnant women. This course is suitable for medical practitioners working in primary care, emergency medicine, paediatrics and those planning to train in endocrinology and nurses, dietitians, pharmacists and other health professionals with an interest in the field.

Ophthalmic science aims to prevent blindness, promote eye health and rehabilitate those with a visual disability. The program includes study in ocular anatomy, physiology, optics, genetics, pathology, practical ophthalmic science. You will gain skills in the practical applications of ophthalmic equipment, familiarity with anatomical specimens, prosthetics, radiographs and electron micrographs, and the ability to apply psychometric testing to obtain reliable and repeatable data.

The course provides you with the latest practical and theoretical knowledge of paediatric medicine. Practical topics taught in this course are delivered in a case-based interactive online format by expert clinicians. The course comprises units of study focusing on recent advances and controversial or novel topics. With its unique, flexible educational model, the Master of Medicine (Paediatric Medicine) affords busy clinicians the opportunity to extend and update their knowledge in a number of specialist areas.
**Tuition fees are subject to annual increases each year. For further information, see page 70.**

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### Master of Surgery (Research)

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Duration in years (full time)</th>
<th>2018 indicative tuition fee (Australian / International, full fee)</th>
</tr>
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<tbody>
<tr>
<td>Graduate</td>
<td>Graduate diploma available</td>
<td>IELTS</td>
</tr>
<tr>
<td>Master of Surgery (Research)</td>
<td>3–4</td>
<td>44,500</td>
</tr>
</tbody>
</table>

This course provides advanced education in surgical research for graduates in medicine, dentistry, nursing, physiotherapy, psychology and other disciplines involved in pain management. The course is offered in the form of online distance education mode and you may complete the course full time or part time. The course is recognised for Continuing Medical Education/Maintenance of Professional Standards Program points by the Royal Australian College of General Practitioners, the Royal Australasian College of Physicians and the Australian and New Zealand College of Anaesthetists.

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### Research courses (Medicine)

**Doctor of Philosophy (Medicine)**

Research at the University of Sydney Medical School embraces health and medical research from fundamental molecular mechanisms through to clinical research and clinical trials; from public health issues to health policy development. This course allows you to pursue research from many areas in which the faculty has expertise. You will complete the degree in three to four years, undertaking research that culminates in a thesis.

**Master of Philosophy (Medicine)**

Research at the University of Sydney Medical School embraces health and medical research, from fundamental molecular mechanisms through to clinical research and trials; from public health issues to health policy development. This course is aimed at those who intend to pursue a career in medical or health research or who wish to gain a competitive edge by demonstrating superior ability and research experience. It may also be used as a stepping stone to a Doctor of Philosophy (PhD).

**Master of Surgery – Research**

This course is aimed at those who intend to pursue careers in surgical research. The major research areas include: melanoma, neurosurgery, rheumatology and orthopaedic surgery, urology and vascular surgery. The research project will culminate in a thesis.
Primary Health Care Nursing is tailored specifically for registered nurses working or intending to work in primary healthcare. It will assist you to develop the specialist knowledge and skills required to practise effectively within complex primary healthcare settings. The program focuses on developing advanced nursing practice ability, with a focus on patient safety and the provision of quality care. You will be encouraged to apply this knowledge to your own area of clinical expertise. This course also gives you the opportunity to undertake a practice project of your choice and further advance your knowledge in clinical areas that are of particular interest.

Cancer and Haematology Nursing aims to assist nurses who care for people affected by cancer and haematological illness to develop their knowledge and skills for their care. You will investigate the biology of cancer and haematology, associated treatments, and integrated multidisciplinary management. You will acquire knowledge about all aspects of the prevention, diagnosis and management of cancer, future treatment trends and the exploration of the impact of these illnesses on the individual, family and community.

Emergency Nursing is designed for registered nurses currently working in the emergency environment and is intended to assist you to become clinical leaders. Your individual clinical experience is integrated with relevant experience to produce information that can be used to inform the clinical practice of others. You will develop proficiency in emergency patient assessment and management. You will learn to anticipate and prioritise patient care, provide accurate assessment, intervention and effective ongoing management, often in a busy, autonomous and stressful environment.

Intensive Care Nursing is designed for registered nurses currently working in the intensive care environment and is intended to assist you to become clinical leaders. Your individual clinical experience is integrated with relevant evidence to produce information that can be used to inform the clinical practice of others. As a registered nurse working in the intensive care environment, you are expected to provide sophisticated care and advice to critically ill patients and their families. This requires the application of advanced physiological knowledge during the assessment and management of patients who may be experiencing single or multiple organ dysfunctions. The course will provide you with the specific knowledge, skills and attributes to provide care to this challenging group of patients.

Mental Health Nursing is designed for registered nurses working in mental health settings. This course focuses on current clinical issues in mental health, as well as therapeutic skills and role development. You will learn how to deal with a range of conditions across the variety of healthcare environments in which clients present with mental illnesses, mental disorders and psychological distress that require specialist assessment and treatment.

This is an intellectually stimulating and challenging nursing program for students who already hold a degree in any field and want to become a registered nurse in Australia. The course attracts students from diverse academic disciplines and promotes critical thinking and engaged debate in a vibrant learning environment. You will develop clinical practice knowledge and skills, explore healthcare systems and develop an understanding of your profession within local and global contexts. You will investigate workforce and professional practice issues, contemporary health problems, ethical issues in health care, community expectations for healthcare quality and safety, and many more interesting topics.

Primary Health Care Nursing is tailored specifically for registered nurses working or intending to work in primary healthcare. It will assist you to develop the specialist knowledge and skills required to practise effectively within complex primary healthcare settings. The program focuses on the health needs of individuals, families and communities and providing accessible and equitable healthcare. You will explore the foundational principles and practices of primary healthcare. You will learn about chronic disease prevention and management, including relevant evidence-based decision-making processes and practices, concepts of self-management and coordinated, quality care.

Research courses (Nursing)

Doctor of Philosophy (Nursing) This course provides an opportunity for intensive research training across our priority research areas, including cancer; chronic disease and ageing; infection and immunity; injury and acute illness; and mental health. You will engage with world-class researchers to develop your expertise and gain advanced research and critical thinking skills that will see you publish work in journals, improve patient experiences and influence health policy.

Master of Philosophy (Nursing) This course provides an opportunity for research training across our priority research areas including: cancer; chronic disease and ageing; infection and immunity; injury and acute illness; and mental health. You will engage with world-class researchers to develop your expertise and gain advanced research and critical thinking skills that you can take into your professional life, or advance into a Doctor of Philosophy (Nursing).
Course name

Pharmacy

Master of Pharmacy 7.0 (6.5) Mar 2 49,000
The Master of Pharmacy offers an entry pathway to fast-track your career into the pharmacy profession. This course is an accredited and innovative two year graduate-entry coursework program designed to prepare you for all aspects of the pharmacy profession, including leadership in innovative and evidence-based practice.

Research courses (Pharmacy)

Doctor of Philosophy (Pharmacy) 6.5 (6.0) Jan/ Mar/ Jul/ Oct 3–4 44,500
Research conducted at the Faculty of Pharmacy covers a broad spectrum of pharmaceutical and clinical sciences around five key themes: cancer; cardiovascular and diabetes; health services and patient safety; mental health; and respiratory diseases. This course provides an opportunity for intensive research training with the University of Sydney’s internationally renowned Faculty of Pharmacy.

Master of Philosophy (Pharmacy) 6.5 (6.0) Jan/ Mar/ Jul/ Oct 1–2 44,500
This course may be used as a foundation to the Doctor of Philosophy (Pharmacy) and is awarded on the successful examination of a thesis based on original research. Research conducted at the Faculty of Pharmacy covers a broad spectrum of pharmaceutical and clinical sciences around five key themes: cancer; cardiovascular and diabetes; health services and patient safety; mental health; and respiratory diseases.

Law

Juris Doctor 7.5 (7.0) Feb 3 44,500
Embark on your next journey and learn from some of the world’s leading experts in law. One of Australia’s most reputable graduate entry degrees, the Juris Doctor develops your skills of analysis, research, writing and advocacy. Join us to prepare for legal practice in the modern global age. The JD program includes study of all the required areas of knowledge for admission to practise in Australia. The curriculum focuses on international, comparative and transnational aspects of law. Whether you are planning to undertake further postgraduate study or research, or pursue a career as a solicitor, at the bar or in government service, industry or the not-for-profit sector, your JD will equip you with the analytical, ethical and problem-solving skills you will need to excel.

Master of Administrative Law and Policy 7.0 (6.0) Mar/ Jul 1 44,500
The Master of Administrative Law and Policy is designed to develop your understanding of the relationship between law and the analysis and implementation of public policy. It examines the values inherent in administrative law and those of public administration, together with the practical aspects of the application of the law.

Master of Business Law 7.0 (6.0) Mar/ Jul 1 44,500
This specialist qualification in business law and regulation offers you an opportunity to choose from the entire range of units of study offered through Sydney Law School's commercial law, corporate, securities and finance law, international business law, international taxation and taxation programs. This degree reflects the growing importance of legal literacy and business law expertise among non-lawyers working in business, finance, commercial and corporate environments. It also provides a master's-level qualification that builds on the completion of professional accountancy qualifications.

Master of Criminology 7.0 (6.0) Mar/ Jul 1 39,500
Gain a critical understanding of criminology through a broad selection of interdisciplinary units delivered by some of Australia’s leading criminologists. Designed for anyone with an interest in crime, punishment and criminal justice, the criminology program addresses contemporary questions about crime and control within theoretical and policy contexts.

Master of Environmental Law 7.0 (6.0) Mar/ Jul 1 44,500
The unique and innovative Climate and Environmental Law program at Sydney Law School is at the forefront of contemporary issues in climate and environmental law. It has been designed to meet the needs of both Australian environmental specialists and those from other countries. Climate and environmental law form one of the most rapidly expanding areas of specialisation in the law. At Sydney Law School, this expansion is reflected in the abundance and variety of units available in the study of this field.

Master of Health Law 7.0 (6.0) Mar/ Jul 1 44,500
Sydney Law School offers one of the nation’s leading postgraduate programs in health and medical law. The Master of Health Law is a flexible, specialist postgraduate qualification providing wide-ranging interdisciplinary coverage of contemporary legal and social issues in health care.

Master of International Law 7.0 (6.0) Mar/ Jul 1 44,500
An acknowledged leader in international law, Sydney Law School offers a unique program allowing combination of core areas with a variety of specialisations. Our program allows you to undertake units of study with a comparative focus, or those that examine the international rules governing the world as a whole.

Master of Jurisprudence 7.0 (6.0) Mar/ Jul 1 44,500
One of Sydney Law School’s key strengths, Jurisprudence comprises the teaching of legal theory, with a focus on the philosophical and sociological aspects of law. The Master of Jurisprudence is an interdisciplinary program suitable if you are interested in the principles and operations of legal systems or interdisciplinary research methodology. The course is designed to expose you to the importance of legal theory in its broad sense, which includes philosophical reflection, sociological theory and comparative enquiry.

*** Tuition fees are subject to annual increases each year. For further information, see page 70.
∞ Fees are listed for the total credit points required for course completion.
The Master of Music Studies (Conducting) at the Sydney Conservatorium of Music is a four-semester postgraduate coursework degree. It trains conductors to a level that allows them to seek professional placements with music ensembles. The degree program combines detailed study of conducting techniques, in-house experience of working with ensembles and conductors, and supporting academic units of study. The program of study culminates in a fourth semester examined performance – a concert of 30 to 45 minutes to be conducted by the candidate.

Study culminates in a fourth semester examined performance – a concert of 30 to 45 minutes to be conducted by the candidate. Conducting techniques, in-house experience of working with ensembles and conductors, and supporting academic units of study. The program of study culminates in a fourth semester examined performance – a concert of 30 to 45 minutes to be conducted by the candidate.

The Master of Music Studies (Composition) at the Sydney Conservatorium of Music focuses on the acquisition of high-level composition technique. It provides the opportunity for those interested in composition, or with a background in composition, to develop their compositional style, technique and ideas within a rigorous musical environment. No intake of students for 2018.

Music

Master of Music Studies (Composition) (Including internship)

This two-year option includes an internship that provides an opportunity for composition students to apply the skills they have learnt in Composition Practice 1-3 to real-world organisations. Participants will work with a single organisation or group throughout the semester, writing a portfolio of new compositions or arrangements as negotiated by the host organisation. The internship will be supported by one to one lessons throughout the semester. No intake of students for 2018.

Master of Music Studies (Conducting)

The Master of Music Studies (Conducting) at the Sydney Conservatorium of Music is a four-semester postgraduate coursework degree. It trains conductors to a level that allows them to seek professional placements with music ensembles. The degree program combines detailed study of conducting techniques, in-house experience of working with ensembles and conductors, and supporting academic units of study. The program of study culminates in a fourth semester examined performance – a concert of 30 to 45 minutes to be conducted by the candidate.
<table>
<thead>
<tr>
<th>Course name</th>
<th>IELTS</th>
<th>Commencing semester</th>
<th>Duration in years (full-time)</th>
<th>2018 indicative Year 1 tuition fee (A$)/10 EFTSL*</th>
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<tr>
<td>Master of Music Studies (Opera Performance)</td>
<td>7.0 (6.0)</td>
<td>Mar/Jul</td>
<td>2</td>
<td>34,000</td>
</tr>
<tr>
<td>Master of Music Studies (Performance)</td>
<td>6.0 (6.0)</td>
<td>Mar/Jul</td>
<td>1.5</td>
<td>34,000</td>
</tr>
</tbody>
</table>

The Master of Music Studies (Performance) will extend your technical mastery of your chosen instrument or voice, while deepening your knowledge of repertoire and performance practice. This master’s course may be taken in any of the Conservatorium’s instrumental areas, including orchestral and solo instruments, early music and jazz.

Research courses (Music)

**Doctor of Musical Arts**

7.0 (6.5) Jan / Mar / Jul / Oct 3–4 34,000

The Doctor of Musical Arts is a professional doctorate in music performance, conducting or composition, and is open to highly talented and skilled musicians with strong scholarly abilities. The course will suit candidates with a research background who wish to enhance their skills while taking advantage of the exceptional teaching available at the Sydney Conservatorium of Music.

**Doctor of Philosophy (Conservatorium of Music)**

7.0 (6.5) Jan / Mar / Jul / Oct 3–4 34,000

The degree of Doctor of Philosophy (PhD) at the Sydney Conservatorium of Music may be undertaken as supervised research projects in composition, musicology, music education, performance and interdisciplinary applied research topic areas. These can include Western historical musicology, music analysis, music technology, ethnomusicology, sociology of music, popular music studies, electronic and score-based composition, intercultural studies, acoustics, Australian Indigenous studies, Southeast Asian music, psychology, music therapy, music perception and cognition, performance practice, stylistics and historical interpretation.

**Master of Music (Composition)**

7.0 (6.5) Mar 1–2 34,000

Creating new music is vital to ensuring the future of Australian music. With Australia’s most gifted composers at the Sydney Conservatorium of Music and outstanding facilities, you can create Australia’s music future in a range of media, from instrumental and vocal to electronic and electroacoustic music. This degree aims to facilitate the development of advanced compositional skills and allow you to work on compositions that are longer and more complex than those you would produce in an undergraduate course.

**Master of Music (Music Education)**

7.0 (6.5) Mar 1–2 34,000

Music educators train the musicians of tomorrow and our researchers study early childhood through school and university systems, to studio teaching, community music activity, popular music, music therapy and non-notated music traditions. This degree aims to foster research skill development in areas of music education through research seminars and the writing of a thesis.

**Master of Music (Muscology)**

7.0 (6.5) Mar 1–2 34,000

Are you interested in the study of music as a system of organised sound and as a cultural force within society? Join our researchers at the Sydney Conservatorium of Music in areas such as historical musicology, ethnomusicology, empirical musicology, popular music studies and more. Our musicologists actively publish, participate in conferences and symposia, offering expertise to the broader community. This degree will inspire you to become an independent musicologist and to communicate your research in a thesis.

**Master of Music (Performance)**

7.0 (6.5) Mar 1–2 34,000

Develop your skills as a research-based performer who can demonstrate independence of thought, critical awareness and interpretative capacities. With Australia’s most talented performers at the Sydney Conservatorium of Music and outstanding facilities, your studies will culminate in a final degree performance and a short dissertation. You will learn to extend the boundaries of performance through expanded stylistic or interpretative horizons, investigation of historical performance practice, development of new performance modes, relationships and techniques, or enhanced critical, historical or analytical perspectives.

Science, agriculture, environment and veterinary science

**Doctor of Veterinary Medicine**

7.0 (7.0) Feb 4 62,000

Study to become a registered veterinary practitioner with the Doctor of Veterinary Medicine. Our internationally accredited course will turn you into a career-ready vet, with the skills to work in managing animal health and disease in Australia and around the world.

**Graduate Diploma in Science**

6.5 (6.0) Mar/Jul 1 44,500

The degree is a springboard from undergraduate into higher research degrees. Whether you want to step up to a master’s degree, or go all the way with a PhD, the one-year degree is a training pathway for entry into scientific research courses. As part of the graduate diploma, you undertake a research project in a specialised area of science, under the guidance and supervision of an academic staff member who is an expert in your selected area.

**Master of Agriculture and Environment**

6.5 (6.0) Mar/Jul 1.5 41,000

The Master of Agriculture and Environment trains you to solve the big challenges in the world: food security, climate change, and management of carbon, water and the environment. With lots of professional experience in the lab and out in the field, you’ll be ready to contribute to a booming sector that generates over $160 billion a year in production, contributes around 16% of Australia’s export earnings, and tackles the biggest global issues of our time.

*** Tuition fees are subject to annual increases each year. For further information, see page 70.

** Fees are listed for the total credit points required for course completion.
<table>
<thead>
<tr>
<th>Course name</th>
<th>Course details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Clinical Psychology</td>
<td>Gain the knowledge and practical experience to work as a professional clinical psychologist. With expert supervision in clinics, teaching hospitals and community settings, the course will give you the skills to work in the prevention, diagnosis, and treatment of a wide range of psychological disorders. The Master of Clinical Psychology (MCP) is the path to professional specialisation in clinical psychology. By the end of this degree, you will have the highly developed knowledge base and strong clinical skills needed to work as a professional clinical psychologist in many clinical and community settings.</td>
</tr>
<tr>
<td>Master of Clinical Psychology and Doctor of Philosophy</td>
<td>This double degree will open the doors to both a professional and research career in clinical psychology. The degree's combination of clinical and doctorate-level research training will enable you to work around the world as a psychologist. It is the ideal course if you want to become a qualified clinical psychologist, but are also interested in a path into research or academia.</td>
</tr>
<tr>
<td>Master of Environmental Science</td>
<td>The Master in Environmental Science is a launchpad into leadership for professionals in the environmental sector. If you are a new graduate keen to kickstart your career, or a professional looking to upskill or gain formal qualifications, then this is the perfect option. Drawing on a wide range of science-based disciplines and applications, from ecology to solar power, analytical chemistry to geomorphology, this degree gives you a grounding in basic environmental issues. It also offers great flexibility in the subjects you take and how deep you delve into them.</td>
</tr>
<tr>
<td>Master of Environmental Science and Law</td>
<td>Take part in a unique opportunity to study science, environment and law in a single degree. If you’re a science graduate looking to learn about environmental policy, the Master of Environmental Science and Law integrates diverse disciplines into an outstanding program. As a graduate of this program you can expect to leave with a practical and theoretical background in aspects of environmental science and environmental law, which opens doors to careers in environmental management and policy development.</td>
</tr>
<tr>
<td>Master of Marine Science and Management</td>
<td>In this degree, you will be taught by world-renowned experts in some of the best coastal locations in the country. In-depth study in marine science and management subjects, plus lots of hands-on experience in incredible aquatic field sites, will give you the skills, knowledge and confidence to work in the multidisciplinary field of marine science. This degree offers a unique opportunity to learn about the science and management of marine environments.</td>
</tr>
<tr>
<td>Master of Medical Physics</td>
<td>The Master of Medical Physics will set you on the path to becoming a working medical physicist in Australia. This entry-level qualification will give you the technical expertise to work within a clinical setting across areas of medicine including cancer treatment, diagnostic imaging, physiological monitoring and medical electronics. The program provides specialist postgraduate training in the application of radiation physics, dosimetry, imaging and radiobiology to cancer diagnosis and treatment, and to radiation detection and protection.</td>
</tr>
<tr>
<td>Master of Nutrition and Dietetics</td>
<td>For science graduates, the Master of Nutrition and Dietetics will launch you straight into a career as an accredited dietitian. With practical training in human nutrition plus access to eminent dietitians, this highly regarded postgraduate course will bring you to the forefront of dietetic and nutrition research and practice. Fully accredited by the Dietitians Association of Australia (DAA), this degree is a pathway into professional practice as a dietitian and nutritionist.</td>
</tr>
<tr>
<td>Master of Science in Coaching Psychology</td>
<td>Learn to help people improve their performance with a Master of Science in Coaching Psychology. Providing a solid grounding in theory and practice, this unique course will give you the skills to enhance productivity and quality of life of individuals, organisations and the broader community.</td>
</tr>
<tr>
<td>Master of Sustainability</td>
<td>By tackling key global issues, the Master of Sustainability will equip you to further your career in diverse areas from environmental science to finance, law to urban planning, and sustainable building design to public health. You'll learn about energy conservation, population health, food security, sustainability policy, and sustainability analysis tools.</td>
</tr>
<tr>
<td>Course name</td>
<td>IELTS</td>
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<tr>
<td>Doctor of Philosophy (Science)</td>
<td>6.5 (6.0)</td>
</tr>
<tr>
<td>The Doctor of Philosophy (PhD) in the Faculty of Science will allow you to pursue research from one of the fields in which the faculty has expertise. Candidates will complete the degree in three to four years. During that period they will undertake research, culminating in the submission of an 80,000-word thesis. In the Faculty of Science, you can undertake research in the following areas: Agriculture, Chemistry, Geosciences, History and Philosophy of Science, Life and Environmental Sciences, Mathematics and Statistics, Physics, Psychology and Veterinary Science.</td>
<td></td>
</tr>
<tr>
<td>Master of Philosophy (Science)</td>
<td>6.5 (6.0)</td>
</tr>
<tr>
<td>The Master of Philosophy (Science) opens the door to the world of scientific research. MPhil (Science) students become independent researchers of exceptional quality. They learn to manage extensive projects, use advanced scientific tools and write reports suitable for publication. Their skills enable them to go on to prominent careers, not just in research, but also in policy, industry, management, government, business and international development. This degree enables research across the same disciplines as the PhD (Science).</td>
<td></td>
</tr>
<tr>
<td>Master of Veterinary Clinical Studies</td>
<td>7.0 (6.5)</td>
</tr>
<tr>
<td>The Master of Veterinary Clinical Studies provides clinical veterinarians with the opportunity to conduct advanced clinical research at the University of Sydney, which is ranked first in Australia and 11th in the world for veterinary science (QS World University Rankings by Subject, 2017). From research in preclinical, paraclinical and clinical disciplines, to animal health, animal husbandry, nutrition, anatomy and animal genetics, the degree will give you the opportunity to develop a research project that has global significance.</td>
<td></td>
</tr>
</tbody>
</table>
HOW TO APPLY
“The future belongs to those who believe in the beauty of their dreams.”

Eleanor Roosevelt (1884–1962)
politician, diplomat, activist, first lady
HOW TO APPLY
UNDERGRADUATE AND POSTGRADUATE COURSEWORK

1 Choose your course
Visit sydney.edu.au/courses

2 Check the entry requirements
Admission to the University of Sydney is highly competitive. You need to meet specific academic and English language requirements before we can make an unconditional offer of admission to you. Some courses also have prerequisites and assumed knowledge. For details, see pages 104 and 105.

For some courses, including medicine, music, oral health, visual arts and veterinary science, there may be additional selection criteria, such as an interview, portfolio or performance. Learn more on pages 106 and 107.

Before you apply, check our website for important document submission guidelines that apply to all applications and supplementary forms that may be required for some courses.
- sydney.edu.au/study/how-to-apply

3 Submit your application
As an international student*, you should apply as early as possible to allow time for visa and travel arrangements.

All postgraduate and most undergraduate students apply direct to the University of Sydney, on our website: sydney.edu.au/courses

Application deadlines vary by course. Check the specific closing date for your course on our 'Find a course' website: sydney.edu.au/courses

For personalised advice, talk to our regional experts:
- sydney.edu.au/study/regional-contacts

You can also apply through a University-approved agent (representative).
- sydney.edu.au/study/overseas-agents

There is a A$100 application processing fee.

You should apply through the Universities Admissions Centre (UAC) if you are an undergraduate international student studying:
- an Australian Year 12 qualification in or outside Australia, or
- the New Zealand Year 12 qualification (NCEA level 3), or
- an International Baccalaureate Diploma in Australia.
- www.uac.edu.au/international

If applying through UAC, there will be separate application fees.

If you are applying for a Sciences Po dual degree, you need to apply directly to the University of Sydney, even if you are applying through UAC for your other preferences.

* An international student is anyone who is not an Australian or New Zealand citizen, permanent resident of Australia or a holder of an Australian humanitarian visa. If you are an Australian or New Zealand citizen, and you hold citizenship for another country, you are still assessed for admission as an Australian domestic student. International students need to hold an appropriate visa with study rights.
1. Choose a degree

Start by reviewing the types of degrees we offer and check the eligibility requirements for the research degree you want to apply for. We encourage you to apply well ahead of time; even before completion of your current qualifying degree. In these circumstances, referee reports are essential as part of the application for admission.

2. Develop your research ideas

Carefully consider the subject of your research and find out if your interests align with any academic members of staff.

3. Find a supervisor

You’ll need a staff member who has agreed to mentor you for the duration of your research. Use the Research Supervisor Connect database to search for current supervisors and projects.

You can save and return to your application, upload documentation, and formally accept an offer if your application is successful.

Most faculties accept applications all year round and offer four research periods each year when you can start your study with us.

For key research dates, visit:

- sydney.edu.au/study/admissions-timeline
- sydney.edu.au/study/overseas-agents

4. Submit your application

When you have secured a supervisor and finalised your research proposal, you can submit a direct online application to the University of Sydney through our website.

You will need to include the following documents:
- academic transcripts
- English language proficiency, where required
- resumé
- referee reports
- research proposal
- evidence of academic staff member’s agreement to supervise you
- portfolio of work or audition may be required for certain courses (refer to sydney.edu.au/courses).

You can also engage the services of a University agent (representative) to help with your application.

For guidelines on preparing your research proposal for admission, refer to our website:

- sydney.edu.au/study/how-to-apply
Students younger than 18
If you will be younger than 18 years when you start your course, you need to provide evidence to the Department of Immigration and Border Protection (DIBP) that you have appropriate welfare and accommodation arrangements in place.

If you will not be accompanied by a parent, legal custodian or approved nominated relative and would like the University to arrange this for you, please visit our website for information.
− sydney.edu.au/student-visas

Fast track your studies
The University of Sydney recognises that students commence their studies with different levels, areas and forms of prior learning.

Depending on your previous studies or work experience, you may be eligible to apply for recognition of prior learning (RPL) or credit that will reduce the total credit points or time required to complete your course.

Credit for previous studies
You may be eligible for credit at the undergraduate or postgraduate level if your previous studies are assessed as being directly equivalent to units of study at the University of Sydney.

Credit can reduce the overall number of credit points required to complete your course and can also reduce your course duration.

Credit is often assessed on a case-by-case basis but some faculties or courses have existing credit arrangements for some qualifications.

Recognition of prior learning
If you have completed previous study in a relevant discipline or have significant professional work experience in a related field, you may be eligible to reduce the length of time and unit requirements of your postgraduate course by 1-2 semesters.

Not all courses offer RPL and where it is offered the RPL reductions and eligibility requirements can vary.

How to apply for RPL or credit
To apply for RPL or credit, you need to submit an application for credit when completing your online course application for admission. You will then receive information about completing your credit application, including the supporting documents required, such as unit of study descriptions, academic transcripts and, for work experience, a letter from the employer.

For more information, visit:
− sydney.edu.au/study/credit

There are several additional things you need to know about the application and enrolment process as an international student.
ADMISSION TO THE UNIVERSITY OF SYDNEY IS HIGHLY COMPETITIVE.
YOU NEED TO MEET SPECIFIC ACADEMIC AND ENGLISH LANGUAGE REQUIREMENTS BEFORE WE MAKE AN UNCONDITIONAL OFFER OF ADMISSION.

ACADEMIC REQUIREMENTS

The University accepts a range of Australian and overseas senior secondary (high school) qualifications and successful tertiary studies for admission into its courses. Learn more at:
- sydney.edu.au/study/entry-reqs

UNDERGRADUATE

Applicants are required to meet course-specific academic requirements through one of the following:
- an accepted senior secondary qualification
- at least one year of tertiary study in a bachelor’s degree at a recognised tertiary institution
- an equivalent tertiary qualification accepted by the University
- a recognised university foundation program, such as the University of Sydney Foundation Program.

Some courses have additional selection criteria such as interviews, auditions, portfolios and admission tests. For details, see pages 106 to 107.

Refer to the tables on pages 42 to 45 for a guide to entry scores for some of the senior secondary qualifications we accept.

For a full list of accepted senior secondary qualifications, visit:
- sydney.edu.au/study/secondary-qualifications

If your qualification isn’t recognised, you can complete a university preparation course through the University of Sydney Foundation Program. See page 110 or visit:
- sydney.edu.au/foundationprogram

Prerequisites, assumed knowledge and bridging courses

For some courses we expect you to have a certain level of knowledge in areas such as mathematics, physics, biology and chemistry.

Refer to the A-Z course table on pages 48-68 for course-specific assumed knowledge. If you have not studied these subjects in high school, we recommend that you undertake bridging studies.
- sydney.edu.au/ug-bridging

Some courses have prerequisites. The following courses require three Band 5s in the New South Wales Higher School Certificate (HSC or equivalent), including one in English (but not English as a Second Language, ESL).
- Bachelor of Education (Health and Physical Education)
- Bachelor of Education (Primary)
- Bachelor of Music (Music Education).

Similar requirements will be applied to the International Baccalaureate (IB) and other Australian Year 12 qualifications.

For other secondary qualifications you need to achieve the relevant minimum scores, and have good results in English (not ESL). If you need to meet English proficiency requirements through a test such as IELTS, you will complete those requirements separately.

MATHEMATICS COURSE PREREQUISITES

From 2019, the University is introducing mathematics course prerequisites for some courses to help students thrive in their science, technology, engineering and mathematics-related degrees.
- sydney.edu.au/study/maths
Postgraduate coursework
You need to meet the minimum eligibility criteria. This may include an acceptable academic qualification (usually the equivalent of an Australian bachelor’s degree) and compliance with any special entry requirements for your course. For specific requirements, visit:
− sydney.edu.au/pg-entry

Postgraduate research
In general, to be eligible for admission to a postgraduate research degree, you need to demonstrate sufficient prior research experience and capability, such as:
− a bachelor’s degree with first or upper second class honours, or
− a master’s degree performed at a high academic standard, and which includes a substantial component of original research, or
− an equivalent qualification that demonstrates research experience, excellence and capability.

The above criteria are the minimum requirements for eligibility and do not guarantee admission. That remains at the discretion of the faculty. For specific requirements, see:
− sydney.edu.au/research-entry

You are encouraged to apply well ahead of time, and even before completion of your current qualifying degree. In these circumstances, referee reports are essential as part of the application for admission.

English language requirements
If English is not your first language, you need to demonstrate that your English language skills meet the minimum level required for your chosen course. You can do this by fulfilling one of the following:

1. For undergraduate study: a recognised senior secondary (high school) qualification conducted in English, English subjects in secondary qualifications specified by the University or tertiary studies (at least one year of full-time university study) in English at a recognised institution.

2. For postgraduate study, show that you have successfully completed tertiary studies in which the language of the institution and of instruction, examination and assessment was English. You need to have started these tertiary studies no more than five years before the date of application.

3. Complete an accepted English proficiency test with results that meet the minimum entry requirements for your course. English language test scores are valid for two years.

Accepted tests are the:
− IELTS (International English Language Testing System)
− TOEFL iBT (Test of English as a Foreign Language: internet based)
− TOEFL PB (Test of English as a Foreign Language: paper based)
− Pearsons Test of English (PTE)
− Cambridge English Scale – from 2015 for Cambridge English: Advanced (CAE) and Cambridge English: Proficiency (CPE)

4. Complete an approved English course at the University of Sydney Centre for English Teaching (CET), with results that meet the minimum entry requirements for your course. For more information see page 111. You can also package your English language studies with your degree studies. Refer to
− sydney.edu.au/cet/packaging

English language tests concordance table
This table will help you to figure out the test score you need to achieve for a number of English language tests. Find out the IELTS score required for your course on (pages 42 to 45). Then look up the relevant English test (overall and Individual scores) on the concordance table.

For more information about English language requirements and the concordance table, visit
− sydney.edu.au/study/english-reqs
In addition to your academic and English language qualifications, we may ask you to submit a portfolio or attend an interview or audition. The following courses have additional requirements.

**Arts and Social Sciences**

**Sciences Po**
Bachelor of Arts and Bachelor of Economics Sciences Po dual degree applicants are required to be recent school leavers – transfer applicants are not eligible to apply. In addition to meeting the academic requirements of an accepted Year 12 qualification (or equivalent), all applicants must submit an online application directly to the University and include a personal statement, curriculum vitae and school reports or transcripts from the last three years. Short-listed applicants will be invited to attend an interview in Sydney or Paris.

For more information on entry requirements, tuition fees and application processes, visit the relevant course page:
- sydney.edu.au/courses

**Visual arts**
For courses at Sydney College of the Arts, you need to submit your academic qualifications and a portfolio of artwork. We assess this on a broad range of criteria, including your creative thinking, cultural awareness, critical skills, communication skills, potential for skill development, and evidence of resolved ideas. For portfolio guidelines, visit:
- sydney.edu.au/sca

**Dentistry**

**Bachelor of Oral Health**
In addition to submitting your application, there are additional requirements, including multiple mini interviews (MMI). For the most up-to-date admissions requirements and timeline, visit:
- sydney.edu.au/dentistry/oral-health

**Bachelor of Science and Doctor of Dental Medicine double degree**
A small number of high-achieving students can study dentistry as part of our seven-year double degree program. Check the minimum entry scores required for some accepted senior secondary qualifications on pages 42 to 45.

You also need to take the Double Degree Dentistry assessment, which comprises a written assessment and a faculty discussion session. The assessment will be held from December in the year before entry. If eligible, you will be contacted by email or phone.
- sydney.edu.au/dentistry/dddp

**Doctor of Dental Medicine**
This is a graduate-entry program, available to applicants who already have a bachelor’s degree. Make sure you start the application process at least 12 months before the course begins.

In addition to your bachelor’s degree, as an international applicant you need to submit results for the Graduate Australian Medical School Admissions Test (GAMSAT), the Medical College Admission Test (MCAT), US Dental Admissions Test (DAT) or the Canadian Dental Aptitude Test (CDAT). You also need to complete multiple mini interviews (MMIs) and a biology prerequisite.
- sydney.edu.au/dentistry/study/dentistry/apply.php
Education

Literacy and Numeracy Test for Initial Teacher Education Students (LANTITE)
The requirement to complete government-controlled literacy and numeracy testing applies to all students enrolling in the Bachelor of Education (including combined degrees) and Master of Teaching degrees, except the degrees in Early Childhood. UAC applicants applying for all education degrees (except Early Childhood) and B Music (Music Education) will be required to complete a brief personal statement. For more information, visit the relevant course page:

- sydney.edu.au/courses

Music

To apply to study at the Sydney Conservatorium of Music, you will need to submit your academic qualifications and a recorded audition video or portfolio via our website. For B Music (Music Education) also refer to Education requirements.

- sydney.edu.au/music

Veterinary science

Bachelor of Veterinary Biology and Doctor of Veterinary Medicine combined degree
In addition to meeting academic requirements, you need to have relevant work experience in animal handling, which should be confirmed on the ‘Commitment to Veterinary Science’ form.

- sydney.edu.au/vetscience

Separate requirements apply for progression to the Doctor of Veterinary Medicine component of the combined program. See:

- sydney.edu.au/courses/doctor-of-veterinary-medicine

Doctor of Veterinary Medicine
In addition to meeting academic requirements, you are expected to have successfully completed the prerequisite units, and confirm that you have gained a minimum of 28 days of relevant work experience and animal handling experience through the Doctor of Veterinary Medicine Admission Statement.

- sydney.edu.au/courses/doctor-of-veterinary-medicine

Medicine

Medicine double degrees
A small number of high-achieving students can study medicine as part of our seven-year double degree program. In addition to academic scores, you need to take the Double Degree Medicine assessment, which is comprised of both a written assessment and a faculty discussion session.

If you are a United States citizen, national or permanent resident, you are required to submit Medical College Admission Test (MCAT) results, regardless of whether you are also a citizen or permanent resident of a country other than the United States.

For more information, application timelines and entry requirements for the double degree, visit:

- sydney.edu.au/medicine/ddmp

Doctor of Medicine
Most Doctor of Medicine students join us through our graduate-entry scheme, available to applicants who already have a bachelor’s degree. If you plan to apply for graduate entry, you should start the application process at least 12 months in advance. In addition to your bachelor’s degree, as an international applicant you need to submit results for either the Graduate Australian Medical School Admissions Test (GAMSAT) or the Medical College Admission Test (MCAT). You will also need to attend an interview.

If you are a United States citizen, national or permanent resident, check the specific admissions test requirements in the relevant Admissions Guide and visit our website for updates.

- sydney.edu.au/medicine/study/md/admission

Music

To apply to study at the Sydney Conservatorium of Music, you will need to submit your academic qualifications and a recorded audition video or portfolio via our website. For B Music (Music Education) also refer to Education requirements.

- sydney.edu.au/music

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In addition to meeting academic requirements, you need to have relevant work experience in animal handling, which should be confirmed on the ‘Commitment to Veterinary Science’ form.

- sydney.edu.au/vetscience

Separate requirements apply for progression to the Doctor of Veterinary Medicine component of the combined program. See:

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- sydney.edu.au/medicine/study/md/admission

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- sydney.edu.au/music

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In addition to meeting academic requirements, you need to have relevant work experience in animal handling, which should be confirmed on the ‘Commitment to Veterinary Science’ form.

- sydney.edu.au/vetscience

Separate requirements apply for progression to the Doctor of Veterinary Medicine component of the combined program. See:

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Most Doctor of Medicine students join us through our graduate-entry scheme, available to applicants who already have a bachelor’s degree. If you plan to apply for graduate entry, you should start the application process at least 12 months in advance. In addition to your bachelor’s degree, as an international applicant you need to submit results for either the Graduate Australian Medical School Admissions Test (GAMSAT) or the Medical College Admission Test (MCAT). You will also need to attend an interview.

If you are a United States citizen, national or permanent resident, check the specific admissions test requirements in the relevant Admissions Guide and visit our website for updates.

- sydney.edu.au/medicine/study/md/admission
FEES AND COSTS

As an international student, your budget will need to cover tuition fees, course-related expenses, and living costs including health insurance.

Tuition fees
Tuition fees vary between courses and the year in which you study. Look up your course in this guide (pages 42 to 97) to see the 2018 indicative tuition fees for year 1 (for study undertaken in 2018).

Tuition fees in this guide are:
- quoted in Australian dollars
- based on a full-time student enrolment load of 48 credit points per year, or 1.0 Equivalent Full-Time Student Load (1.0 EFTSL) unless otherwise indicated; if your study load for the year is more or less than 1.0 EFTSL, your tuition fee will differ
- exclusive of the cost of textbooks, additional course costs, health insurance or living expenses such as food, accommodation and transport
- exclusive of the Student Services and Amenities fee (SSA fee), which was introduced by the Australian Government to fund services and support programs at universities.

Tuition fee for courses less than 1.0 EFTSL
For courses that are less than 48 credit points per year (1.0 EFTSL), such as a graduate certificate and some graduate diplomas, our course tables show the tuition fee based on the credit points required to complete the course, along with the credit points against the tuition fee.

Annual increase
Tuition fees are subject to an annual review by the University and will increase each year, effective at the beginning of each calendar year.

Estimating the total tuition fee
For courses that are longer than one year, we are unable to provide you with a precise indication of tuition fees beyond your year 1 2018 tuition fee. Tuition fees increase annually, and your fees will be higher in future years.

Tuition fees are published annually on our website. Please check your course here each year to confirm your tuition fee.
- sydney.edu.au/courses

Additional costs
On top of tuition fees, you should budget for:
- additional course costs – some are significant, such as faculty-specific materials and textbooks, tools, protective clothing, and equipment. For more information, visit your faculty's website: sydney.edu.au/faculties
- Student Services and Amenities fee (SSA fee) of up to A$294 (2017 rate indexed annually for the duration of your course) as an initiative to increase student support and services in Australian universities: sydney.edu.au/ssa-fee
- health insurance through the Overseas Student Health Cover scheme (OSHC). This is an Australian Government requirement for student visa holders: sydney.edu.au/study/oshc
- education expenses for students’ children: www.schools.nsw.edu.au/international
- living expenses such as food and rent: sydney.edu.au/study/living-costs

Payment methods
For information on fee payment, including credit card surcharges and upfront tuition fees, visit
- sydney.edu.au/study/paying-your-fees
A number of scholarships and student loans are specifically designed for international students.

**Postgraduate research scholarships**

Many students apply for a scholarship and a place in a research degree at the same time. Research Training Program International Scholarships, funded by the Australian Government, cover tuition fees, Overseas Student Health Cover, relocation costs and a living allowance to high-achieving international postgraduate research students.

Additionally, our international scholarships allow high-achieving students to undertake research projects at the University. They cover tuition fees, Overseas Health Cover and relocation costs and provide a living allowance for up to three years, with the possibility of an extension up to six months for PhD students.

− sydney.edu.au/scholarships/research

**Australia Awards**

The University of Sydney attracts Australia Awards scholars of the highest academic calibre. These Australian Government scholarships are open to students from countries that have a development partnership with Australia. They cover full tuition fees and a living allowance.

− sydney.edu.au/study/australia-awards

**University scholarships**

The Vice-Chancellor’s International Scholarship provides up to A$40,000 and is awarded to international students based on academic merit.

**More information**

You can find detailed information about scholarships at:

− sydney.edu.au/scholarships/international

**International student loans**

As an international student, you may be eligible for student loans or benefits from your home government.

The University administers United States Federal Student Aid (FSA) and funding from private US lenders.

Further, the University is accredited to administer benefits from the US Department of Veteran Affairs.

− www.vets.gov/ gi-bill-comparison-tool

Canadian citizens may also claim tuition fee tax credits, and assistance is provided with loan administration. In addition, Lånekassen and Centrala Studiestödsnämnden (CSN) loan support is provided to Norwegian and Swedish citizens.

− sydney.edu.au/study/int-loans

“One of the key things I learnt at the University of Sydney is leadership skills. I will use these to communicate my vision and to bring about change, which will contribute towards improving household food security in my country. My time in Sydney was a truly wonderful experience. I made many friends and learned about so many different cultures.”

**Isatou Savage**

Master of Animal Science graduate
Australia Awards Scholar
Home country: Gambia
The program, which is conducted by Taylors College on behalf of Study Group Australia and the University of Sydney, offers a pathway to university study if you do not have the qualifications or grades to gain direct admission to a course. You will be eligible to apply for entry to our courses after completing the program.

What are the advantages?

The Foundation Program offers a range of advantages to ensure that you achieve the strong academic foundation needed to enter the University of Sydney. These include:

- **Security**
  An offer of a place at the University if you successfully complete the program and meet the requirements of your chosen course. Some courses have a limited number of places available. Admission to these courses can only be guaranteed while places are still available and where the course is being offered.

- **Relevance**
  A program designed by the University which includes subjects that prepare you for your degree, and any other subjects of wider interest to you.

- **Quality assurance**
  The University oversees the setting and moderation of all examinations, so you are assured of the highest quality assessment.

- **Academic and personal support**
  Taylors College staff will assist you with settling into life in Australia, and support you to achieve your academic goals. Each intake has student advisers who are available to help you with academic or personal issues. There are also careers advisers, welfare counsellors, nurses and first aid officers on site to care for your health and wellbeing.

For more information, visit

- sydney.edu.au/foundationprogram

Multiple intake dates

The program is available in intensive, standard or extended formats. This means you can complete your course in as little as 30 weeks or up to 59 weeks, depending on your ability.

- 59-week extended program (commencing in February and August): A$42,300
- 40-week standard program (commencing in February and July): A$32,000
- 30-week intensive program (commencing in April and October): A$32,000.

The fees listed above are for 2017 course commencement only and are subject to change. At the time of publication, a precise indication of the 2018 fees cannot be provided. For more information, visit:

- www.taylorscollege.edu.au/admissions/fees
The Centre for English Teaching (CET) will help you reach the English proficiency level needed to enter your course at the University of Sydney or improve your job prospects.

Each year around 3000 international students study in CET programs during their pathway to undergraduate or postgraduate studies.

The centre supports your English language development throughout your study. Our teachers will help you achieve your desired learning goals and prepare for your career.

This assistance includes online support, University direct entry courses before your degree, exit programs, and testing and workplace readiness programs.

Note: Fees listed are for 2017 commencement only and are subject to change. At the time of publication, a precise indication of the 2018 fees cannot be provided. Please refer to the CET website for more information.

− sydney.edu.au/cet

Online courses – Massive Open Online Courses (MOOC)
MOOCs at CET offer an innovative online experience and the opportunity to develop your academic skills anywhere, anytime, extending your learning beyond the classroom and connecting you with our global community of learners.

− sydney.edu.au/cet/moocs

University pathway courses for students with a conditional offer
Direct entry courses:
− 36 weeks: A$19,800
− 25 weeks: A$13,750
− 15 weeks: A$8,250
− 10 weeks: A$5,500
− 5 weeks: A$2,750

Professional pathway courses
− Business English: A$450 per week (6 or 11 weeks)
− Intensive Test Preparation: A$450 per week
− Occupational English Test (OET) Preparation: A$900
− Cambridge Test Preparation (First course and Advanced course): A$450 per week
− General English: A$450 per week.

Graduate programs for students with an unconditional offer
− Advanced Skills for Academic Success: A$1,950
− Graduate Academic Skills: A$2,550
− One-on-one coaching: A$725 (for 5 lessons), A$1,400 (for 10 lessons)
− Teaching English internationally
− Teaching English for academic purposes.

Customised programs
− Specialised English language programs for groups (short-term programs such as Business Communication and Leadership in Australia, and English for Maths and Science)
− Corporate training
− Professional development for academics.

All of our courses are taught by highly qualified instructors who have extensive experience teaching English at universities, in Australia and internationally. They provide a friendly and caring learning environment that makes studying English in Sydney an enjoyable and stimulating educational experience.

The centre is also a test venue, so when you have completed your English course we can arrange a test booking to suit your needs. It is located on the main campus of the University of Sydney, and all classrooms are equipped with state-of-the-art audiovisual technology.
Advanced coursework
Undertaken in the fourth year of the Bachelor of Advanced Studies, advanced coursework provides you with further experience and knowledge of your field to better prepare you for your career.

Assumed knowledge
For some courses or units of study, we assume you have reached a certain level of knowledge or have passed a relevant subject at Australian Year 12 level – this is called assumed knowledge. It often refers to a Higher School Certificate (HSC) subject. While we generally advise you against taking a unit of study for which you don’t have the assumed knowledge, you are not prevented from enrolling (see also ‘prerequisite’).

Some courses offer bridging courses to bring you up to speed.
− sydney.edu.au/ug-bridging

Learn more about HSC subjects:
− www.boardofstudies.nsw.edu.au/syllabus_hsc

Australian Tertiary Admission Rank (ATAR)
The ATAR is a ranking between 0 and 99.95 that is allocated to all students who complete an Australian Year 12 (secondary school) qualification. It is a measure of the student’s overall academic achievement relative to other students who have undertaken an Australian Year 12 qualification. If you have completed another recognised secondary qualification, your results will be translated to an ATAR equivalent to determine whether you have met the standard required for admission.

Capstone
This is a substantial, compulsory project that consolidates your learning and demonstrates that you have acquired the necessary skills and knowledge during your studies. You usually complete it during the final year of your course.

Combined degrees
A combined degree allows you to complete degrees from two different faculties, side by side, at the same time. For example, if you complete a combined Arts/Advanced Studies course, you will be awarded a Bachelor of Arts and a Bachelor of Advanced Studies. You can complete two degrees in less time than if you studied them separately.

Core units of study
Core units of study are compulsory. You need to complete them to be awarded a particular degree.

Credit for previous studies
Students admitted to a course may be granted credit towards that course, based on what they have attained in previous university studies. This is also called ‘advanced standing’ or ‘transfer credit’.

Credit point
A credit point is the value that each unit of study (single subject) contributes towards course completion requirements. Most units of study are worth six credit points.

CRICOS
The Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS) is the official register of all Australian education providers and the courses available to international students who wish to study here on an Australian student visa.
− cricos.education.gov.au

Dalyell Scholars
The Dalyell Scholars program is for high-achieving students. You may be invited to enter the Dalyell Scholars program at offer stage, or you may apply to transfer at the end of first year. See page 28 for a description of the program.

Degree
This is the name for the overall course in which you are enrolled (such as a Bachelor of Arts). It is also referred to as ‘award course’. Award courses are approved by the University’s Academic Board.

Double degrees
A double degree allows you to complete two separate qualifications in succession. In these programs, you start in one degree then transfer to the second degree to complete the remainder of your studies.
For example, you can undertake an undergraduate degree followed by a specific postgraduate program, such as the Bachelor of Science and Master of Nutrition and Dietetics.

**EFTSL**
Equivalent Full-time Student Load (EFTSL) represents the annual study load of a student undertaking a particular course of study on a full-time basis. At the University of Sydney, 1.0 EFTSL is equal to an enrolment load of 48 credit points per year.

**Elective**
An elective is a unit of study that can be taken outside of a major or minor. Electives allow you to explore interests outside of your primary field(s) of study.

**Enrolment**
Enrolment is the process by which you accept the University’s terms and conditions of being a student and select the units of study for your course.

**Faculty or school**
A faculty or school is responsible for administering all the courses in a particular subject area. It mainly comprises academic staff and is headed by a dean.

**Graduate-entry degree**
This is a bachelor’s (undergraduate) degree that requires you to have completed another undergraduate degree first, as a prerequisite for entry.

**Honours**
Some degrees may be completed with honours. Honours differs depending on the degree, and usually involves:
- the completion of a large honours project and some advanced-level coursework
- additional work in the later years of the course, or
- high-level achievement over all years of the course.

**International student**
An international student is anyone who is not an Australian or New Zealand citizen (or a dual citizen of Australia or New Zealand), a permanent resident of Australia or a holder of an Australian humanitarian visa. To enrol at university, international students need to hold a visa that allows them to study in Australia.

**Lecture**
A lecture is a formal presentation to a large group of students by a lecturer.

**Major**
A major is an area of specialisation within a course. Once you have completed the selected major, you will have a deep understanding of that subject area and the ability to focus on, and carry out, further research in that field.

The number of majors you can complete will depend on the undergraduate course in which you are enrolled.

**Minor**
A minor is a secondary area of specialisation within a course, requiring fewer units of study than a major. Once you have completed a minor, you will have a good understanding of that subject, but with less depth than a major.

**Open Learning Environment**
The Open Learning Environment provides online modules and workshop-supported courses that you can complete at your own convenience and supplement with workshops and master classes.

**Orientation**
Orientation sessions held before the start of each semester give you essential and valuable information about services and resources at the University, as well as opportunities to meet students and staff, enjoy social activities and discover the many student organisations and sporting facilities available.

**Postgraduate degree**
A postgraduate degree is a higher-level degree that you can apply for once you have completed undergraduate study. This can be a graduate certificate, graduate diploma, a master’s degree or a PhD.

**Prerequisite**
A prerequisite is a specific unit of study that you need to complete before you can take another unit. Course prerequisites will be introduced for admission to some courses, effective from 2019.

**Program**
A program is an area of specialisation within a course that is larger than a major. It contains a major and often prepares you for a specialist or professional career in that field.

**Semester**
A semester is the academic teaching period; about 16 weeks in duration. There are two semesters each year and they usually run from late February to June, and July to November.
Stream
A stream is a version of a degree that requires the completion of units of study (often including a program or a major) specified in the relevant course rules, in addition to the core program specified by those rules, eg, Bachelor of Arts/Bachelor of Advanced Studies (Media and Communications). Streams may have different ATAR requirements to their ‘parent’ degree. Find out more about course rules in your faculty’s student handbook.
– sydney.edu.au/handbooks

Undergraduate degree
An undergraduate degree is your first degree, usually after finishing high school. It can be a diploma or a bachelor’s degree.

Unit of study
This is an individual subject that you study as part of your degree. It is the smallest stand-alone component of a course that can be recorded on your academic transcript. For information about course rules and unit of study requirements, visit:
– sydney.edu.au/handbooks

Student ID card
Your Student ID card is proof of your enrolment. You can use it to borrow library books, print, get discounts, access buildings and be identified during exam periods.

Tutorial
A tutorial or ‘tute’ is a smaller and less formal learning setting. Students can ask questions and have group discussions.

Undergraduate
The term used to describe a course leading to a diploma or bachelor degree. It is also used to describe a student enrolled in such an award, eg, ‘undergraduate student’.

Universities Admissions Centre (UAC)
UAC receives and processes applications for admission to undergraduate courses at recognised universities in New South Wales (NSW) and the Australian Capital Territory (ACT).

You usually need to apply to university through UAC if you will be a domestic undergraduate student, or an international student completing an Australian Year 12 qualification or the New Zealand Certificate of Education Achievement (NCEA) Level 3 in New Zealand in the current year or an IB Diploma in Australia.

1000–level units
These units of study offer an introduction to a subject area and are designed for students in the first year of study. Assumed knowledge is sometimes recommended.

2000–level units
These build on previous units and are normally taken in the second year or later, after 1000–level courses in the area. They may also be available to students with advanced prior knowledge.

3000–level units
These are usually taken in third year or later, after 2000–level study in the area. They include the final units for the completion of a major, including project units and units that put the subject in an interdisciplinary context. Some may also be available to students with advanced prior knowledge.

4000–level units
These are advanced courses and are normally taken in the fourth year or later as the final elements of a four-year degree or combined degree. In combined degrees with the Bachelor of Advanced Studies, they are taken after completion of a major in the subject area. They include industry, community, entrepreneurial and research projects, and honours units.
Explore our 360° tour online and see our campus through a student’s eyes.

Our interactive tour lets you look inside our historic Quadrangle, explore the futuristic Charles Perkins Centre and get a glimpse of what student life is really like.

sydney.edu.au/tour
IF YOU READ ONLY ONE THING, 
READ THIS.

Your journey to university is as 
unique as you are.

At the University of Sydney, you have 
the opportunity to create your own 
path. You can customise your course, 
and get involved in extracurricular 
activities to personalise your 
uni experience.

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snapchat (@sydney_uni)