“We help grow the minds of students who go on to change the world as leaders and innovators in their fields.”

Dr Michael Spence AC
Vice-Chancellor and Principal
We acknowledge the tradition of custodianship and law of the Country on which the University of Sydney campuses stand. We pay our respects to those who have cared and continue to care for Country.
WELCOME TO SYDNEY

Join us
Discover why our graduates are ranked 1st in Australia and 4th in the world for graduate employability.*

–

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–

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* QS Graduate Employability Rankings 2020

sydney.edu.au
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Dates are subject to change. For the latest information, please check sydney.edu.au/undergraduate-events
* Due to COVID-19 dates have not been confirmed, and alternative arrangements may be made. Check website for details.
WHY CHOOSE SYDNEY?

We aim to instil the skills, knowledge and values you need to become a leader in a rapidly changing world. Our flexible degree structures mean you can find the right study path for you.

1st in Australia and 4th in the world for graduate employability*

Top 50 in world university rankings**

---

* QS Graduate Employability Rankings 2020
** QS World University Rankings 2020
100+ majors and minors to combine your interests across disciplines

200+ clubs and societies to enrich your student experience

250+ international partners to combine study and travel

$105 million in scholarships and prizes offered to our students every year

360,000 alumni to connect you with a worldwide network

400+ study areas to design the right degree for you
THE SYDNEY UNDERGRADUATE EXPERIENCE

We recognise that the future of work will be very different. That’s why we offer flexibility across our undergraduate degrees, to prepare you for a future full of possibilities.

By studying an undergraduate degree with us, you’ll have the opportunity to:

**Design your own degree and choose the right study path for you**
Gain expertise in more than one field of study and learn from industry leaders by choosing from our range of professional, specialist, liberal studies, and combined and double degrees.

**Enhance your learning with the Bachelor of Advanced Studies**
The Bachelor of Advanced Studies gives you the flexibility to extend your learning with advanced coursework and projects or the completion of an honours year. See pages 8–9.

**Become a Dalyell Scholar and extend your academic abilities**
As a Dalyell Scholar, you will have access to a range of enrichment opportunities, including advanced units of study and tailored mentoring linking you with other students, staff and alumni. See pages 14–15.

**Follow your interests. All of them.**
Combine your interests and choose from more than 100 different study areas in the shared pool of majors and minors. This means you can sharpen your broader skills (for example, communication, critical thinking and problem-solving) and acquire multidisciplinary expertise in a second field that sits outside your primary degree. See pages 10–11.

**Explore other fields of study in the Open Learning Environment (OLE)**
Build diverse skill combinations and boost your personal and professional development with our flexible OLE units. See page 12.

**Work on real-world projects and tackle complex global challenges**
Deepen your expertise and develop skills in interdisciplinary collaboration through industry, community, entrepreneurship and research projects. See page 13.

**Gain international experience**
Our placement and exchange opportunities will set you up for a global career as you develop the capability and confidence to work across cultural boundaries, in Australia and around the world. See pages 16–17.
DESIGN YOUR DEGREE

Enjoy the flexibility of designing a degree that combines all your interests, including opportunities to study overseas, collaborate with industry partners and undertake advanced units of study. Below is an indicative degree structure for combined liberal and specialist degree pathways.*

**Year 1**

**What can I study?**

**Shared pool of majors and minors**
Design a degree that allows you to combine your interests from more than 100 majors and minors. You can build interdisciplinary expertise from a wide range of study areas outside your primary degree.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Major 1</td>
</tr>
<tr>
<td>2</td>
<td>Major 1</td>
</tr>
</tbody>
</table>

**Can I study overseas?**

**Global opportunities**
Semester or year-long exchanges and short-term summer and winter placements can be taken at various points throughout your degree.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Major 1</td>
</tr>
<tr>
<td>2</td>
<td>Major 1</td>
</tr>
</tbody>
</table>

**What real-world experiences will I have?**

**Interdisciplinary projects**
Enhance your knowledge through an embedded third-year project within each of your majors. You can further extend your learning and collaborate with businesses, community and government organisations through elective interdisciplinary project units that address real-world issues. Industry partners include Adobe, Google, Deloitte, KPMG and Amnesty International.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Major 1</td>
</tr>
<tr>
<td>2</td>
<td>Major 1</td>
</tr>
</tbody>
</table>

**How can I enhance my degree?**

**Advanced coursework + project (combined Bachelor of Advanced Studies*)**
Challenge yourself through advanced units of study and experience across disciplines by completing a substantial community, entrepreneurship, industry or research project, or undertake an honours year.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Advanced coursework including a research, community, industry or entrepreneurship project or honours advanced coursework and honours project</td>
</tr>
</tbody>
</table>

---

* The course structure and components will vary according to the particular degree requirements.

* Refer to pages 8–9 for more information about the combined Bachelor of Advanced Studies.
A DEGREE DESIGNED BY YOU

Whether you’re sure of your career path or want to follow your passions and discover your future career, you can find a degree that suits you.

“The Dalyell Scholars program has allowed me to join interdisciplinary research projects from my first year. These opportunities helped me find my passions and confirmed my decision to major in Financial Mathematics and Statistics.

“Through the Leadership Scholarship, I’ve integrated valuable work experience as an engineer into my degree, with the opportunity to attend workshops and gain valuable networking skills.

“I have been fortunate to be able to apply my studies in engineering to a humanitarian context as well, through my units of study and as Co-President of Engineers Without Borders at the University. We have explored rural schools’ outreach, provided computer support and tutoring at the local Redfern Asylum Seekers Centre, and run inter-university design challenges and conferences.”

Katrina Milliner
Bachelor of Engineering Honours (Mechanical) and Bachelor of Science

“At the University of Sydney, I’ve been able to engage with a broader range of subjects, meet people with similar interests and access additional leadership and advanced learning opportunities, such as specialised tutorials for high-achieving students.

“The shared pool of majors and minors has allowed me to do a unit of study at the Conservatorium of Music, as well as subjects in psychology, English and economics, bringing a unique perspective to my law degree.”

Nathaniel Gleeson
Bachelor of Arts and Bachelor of Laws

“In my third-year independent project in physiology, I built an immersive anatomy lab in Virtual Reality with interactive, 3D models through the university’s world-leading VR hub. The end result provides first-year anatomy students with a hands-on platform to explore labelled, 3D models without the need for real specimens.

“Outside the classroom, I’ve been granted endless opportunities to get involved in activities and events since day one. From sports to music to leadership, Sydney has something for everyone.”

Jett Ho
Bachelor of Science (Advanced) (Honours)
Explore our different types of undergraduate degrees

**Professional degrees**
- Follow a structured degree, with set subjects you need to complete to receive professional accreditation.
- Gain practical experience during work placements and internships, which are compulsory in most professional degrees.
- Complement your expertise with interdisciplinary experiences.

**Specialist degrees**
- Study a set of defined fields that develop your expertise in a specific area.
- Take electives from other faculties to broaden your learning.

**Liberal studies degrees**
- Design your own degree by combining studies from a broad range of disciplines.
- Extend your learning with real-world projects and experiences.

**Combined and double degrees**
- Build complementary skills as you study across two degrees from two different faculties or schools.
- Double degrees require you to complete two qualifications, one after the other (eg, Bachelor of Science and Doctor of Medicine).
- Combined degrees also allow you to graduate with two degrees, but you will complete them at the same time in an integrated structure (eg, Bachelor of Arts and Bachelor of Laws).

See pages 20–21 for specific examples of these degrees.
The combined Bachelor of Advanced Studies will help set you apart when you enter the competitive job market. Extend your knowledge, develop specialist skills and pursue all your passions.

Through the additional year of study, you will graduate with two degrees. Choose from two distinct pathways:

- **Coursework**: Enhance your leadership, critical thinking and problem-solving skills while undertaking advanced coursework in conjunction with project-based units such as The Future of Work, Applied Psychology in the Workplace, Coaching Skills for Work and Life, and Experimental Design and Data Analysis.

- **Honours***: Pursue your interests through honours and open up further research opportunities.

* For honours study options outside those available in the Bachelor of Advanced Studies, see sydney.edu.au/courses

The Bachelor of Advanced Studies can be taken in combination with a range of liberal studies, professional or specialist degrees, including:

- Bachelor of Applied Science (Exercise and Sport Science)
- Bachelor of Arts
- Bachelor of Commerce
- Bachelor of Design Computing
- Bachelor of Economics
- Bachelor of Music (Composition)
- Bachelor of Music (Performance)
- Bachelor of Science
- Bachelor of Visual Arts.

sydney.edu.au/bachelor-advanced-studies
Admission into the honours program is subject to meeting the required academic standards for honours.

A second major is not available in Design Computing. In Music (Composition) and Music (Performance) you will complete a program in place of the first major and a major from the shared pool.

Gain specialised knowledge in two fields
You will complete a second major** from either your primary discipline or the shared pool of majors.

In the Bachelor of Advanced Studies, you will have the opportunity to ...

Customise your path with a flexible structure
Design your own degree by combining majors, minors and subjects from a range of study areas, allowing you to develop broad skills alongside disciplinary expertise.

Acquire novel skill combinations and explore other fields of study
Our Open Learning Environment provides the opportunity to enrol in short and flexible units of study. Pursue a personal passion or expand your professional skill set.

Consider an honours pathway and open the door to further study and research
Honours* provides opportunities to engage in a research topic, complemented by the honours coursework.

Develop solutions to complex, real-world problems
Collaborate with our partner organisations and students from other disciplines on industry, community and research projects.

Build your global portfolio
Pursue international experiences through an overseas internship or exchange program during your degree.

“In the Bachelor of Advanced Studies, you will have the opportunity to...

— Harry Zeng
Bachelor of Commerce and Bachelor of Advanced Studies

* Admission into the honours program is subject to meeting the required academic standards for honours.
** A second major is not available in Design Computing. In Music (Composition) and Music (Performance) you will complete a program in place of the first major and a major from the shared pool.
FOLLOW YOUR INTERESTS.
ALL OF THEM.

With more than 100 options to choose from, the shared pool of majors and minors allows you to explore a wide range of study areas that usually sit outside your degree.

The shared pool allows you to develop expertise in a second field of study and build interdisciplinary knowledge and complementary skills, preparing you for your future careers.

For example, enjoy studying science while continuing your interest in art; or combine your major in marketing with the study of digital cultures.

The shared pool of majors and minors is available to all students studying one of the following degrees:
- Bachelor of Advanced Computing
- Bachelor of Applied Science (Exercise and Sport Science)
- Bachelor of Arts
- Bachelor of Commerce
- Bachelor of Economics
- Bachelor of Music
- Bachelor of Project Management
- Bachelor of Psychology (minor only)
- Bachelor of Science
- Bachelor of Visual Arts
- All combined Bachelor of Advanced Studies degrees.
Shared pool of majors and minors
Combine your primary major with a major or minor in one of the areas below.

**Architecture, design and planning**
- Biological Design
- Design
- Urban Studies

**Arts and social sciences**
- American Studies
- Ancient Greek
- Ancient History
- Anthropology
- Arabic Language and Cultures
- Archaeology
- Art History
- Asian Studies
- Biblical Studies and Classical Hebrew
- Chinese Studies
- Criminology
- Cultural Studies
- Digital Cultures
- Diversity Studies*
- Economic Policy*
- Economics
- Econometrics
- English
- Environmental, Agricultural and Resource Economics
- European Studies
- Film Studies
- Financial Economics
- 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 Studies
- Philosophy
- Political Economy
- Politics
- Sanskrit*
- Social Policy*
- Socio-legal Studies
- Sociology
- Spanish and Latin American Studies
- Studies in Religion
- Theatre and Performance Studies
- Visual Arts
- Writing Studies*

**Science**
- Animal Health, Disease and Welfare
- Animal Production
- Biochemistry and Molecular Biology
- Biology
- Cell and Developmental Biology
- Chemistry
- 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
- Marine Science
- Mathematics
- Medicinal Chemistry
- Microbiology
- Nutrition Science
- Physics
- Plant Production
- Plant Science*
- Psychological Science
- Quantitative Life Sciences
- Soil Science and Hydrology
- Statistics
- Virology*
- Wildlife Conservation*

**Business**
- Accounting
- Banking**
- Business Analytics
- Business Information Systems
- Business Law
- Finance**
- Industrial Relations and Human Resource Management
- International Business
- Management
- Marketing

**Education and social work**
- Education

**Engineering and computer science**
- Computer Science
- Information Systems
- Project Management
- Software Development

**Medicine and health**
- Anatomy and Histology
- Applied Medical Science
- Disability and Participation
- Health
- Hearing and Speech
- Immunology*
- Immunology and Pathology**
- Infectious Diseases
- Neuroscience
- Pathology*
- Pharmacology
- Physical Activity and Health
- Physiology

**Music**
- Music

* Available as a minor only
** Available as a major only
# Not available for Bachelor of Economics students
BROADEN YOUR SKILLS

Build diverse skill combinations and boost your personal and professional development through our Open Learning Environment.

Combining online learning with workshops and masterclasses, the Open Learning Environment (OLE) is a collection of units that offer you the opportunity to extend your knowledge by exploring other fields of study and broaden your skills in areas such as communication, critical thinking, programming, STEM literacy and design thinking.

All students have access to zero credit point OLE units and you can take as many of these units as you want. In many degrees, including all liberal studies courses, you will also undertake for-credit OLE units as part of your study.

Examples of OLE units on offer in 2020 include:

- Astronomy: from Big Bang to Darkness
- Business Entrepreneurship: Guerrilla Tactics
- Developing your Emotional Intelligence
- Experience the Arab World
- Foundations of Quantum Computing
- Health Challenges: Pain and Society
- Power and Identity in a Global Era
- Writing for the Digital World.

“With the help of a global mobility scholarship, I completed an Open Learning Environment unit in Berlin. I spent 10 days studying German and learning about the country’s history and economic systems, as well as exploring cultural experiences such as the world-famous Christmas markets! It was an incredibly rewarding and once-in-a-lifetime opportunity.”

Caitlin Douglas
Bachelor of Commerce and Bachelor of Laws (Dalyell Scholars)

sydney.edu.au/students/ole-units
A snapshot of our 2020 projects

Projects are open to students who meet the eligibility criteria and can be taken as a semester-long unit or in intensive mode.

Accenture – Prevention is the Best Medicine
One in two Australians have a chronic disease. Almost one third could be prevented by reducing the exposure to risk factors such as smoking, high body mass, alcohol use, physical inactivity and high blood pressure. Despite the need, only 1.5 percent of Australia’s total health expenditure is spent on prevention. In this project, you will explore how we can make the big shift in health spending to focus on prevention, enabling consumers to change their behaviours.

KPMG – Data Security and the Future of Privacy
Privacy is a fundamental human right, and yet each year Australia faces thousands of data breaches involving confidential or sensitive information. Banks, retailers, government departments, social media platforms and universities have all been affected. In this project, students will look at the impact of emerging technologies on privacy rights, or explore current privacy laws and policies to ascertain if they are fit for purpose.

NSW Treasury Corp – Reimagining Social Housing
This project will reimagine the current social housing model through interdisciplinary research. How can we create innovative, sustainable, ethical, financially viable and client-focused housing models? Students could explore the planning and consultation process, design their own fit-for-purpose social housing infrastructure or research solutions that ensure a healthy and social environment for tenants.

Some of our business partners in 2020
We have partnered with more than 45 leading organisations in both Australia and internationally to offer undergraduate students the opportunity to work on real-world projects and engage with major industry partners. These include but are not limited to:

- Accenture
- Adobe
- AGL
- Allianz
- ANZ Bank
- Ernst & Young
- Herbert Smith Freehills
- MS Research
- PwC
- Randstad
- Subaru
- Telstra
- Western Sydney Local Health District
- Westpac

Our international projects offer you the opportunity to work on complex problems in global markets such as China, India, Italy and the United Kingdom. Learn more about our projects and partners:
- sydney.edu.au/students/icpu

“This unit has been a very exciting experience. We were able to develop an idea from the beginning to the pitching stage. The best part was presenting our idea to the Westpac panel and networking with them afterwards.”

Emily Mo
Bachelor of International and Global Studies
Project: Westpac – Impact of AI on banking
As a Dalyell Scholar, you will engage in experiences that will enhance your academic abilities, develop your leadership capabilities and expand your global network. Named after Elsie Jean Dalyell OBE (1881–1948), a distinguished medical graduate of the University, the Dalyell stream gives scholars the opportunity to collaborate and network with like-minded, future world influencers.

To join the Dalyell Scholars stream, you need to achieve an ATAR (or equivalent) of 98+*. There are two ways you can become a Dalyell Scholar:

- Apply for one of the degrees listed on page 15 (courses by invitation) and if eligible, you will be invited to become a Dalyell Scholar
- Apply to a Dalyell-specific course, where if eligible for an offer, you will automatically join the Dalyell stream.

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

- accelerated learning options, such as early access to advanced units of study in your chosen field and units outside of your discipline
- access to a specialised Mathematical Sciences (Science) program (optional)
- tailored mentoring and professional skills development
- optional international experiences to develop your global perspective, with access to a $2000 global mobility scholarship.

sydney.edu.au/dalyell-scholars

“As the accelerated coursework and unique Dalyell units provide the sort of challenges I am looking for while allowing me to interact with other inspiring students in the program. I’ve always liked extending the limits I set myself, and the Dalyell Scholars stream offers the perfect path for me to do this.”

Charlotte Trent
Bachelor of Commerce and Bachelor of Advanced Studies (Dalyell Scholars)
Courses available to Dalyell Scholars by invitation

You will be invited to become a Dalyell Scholar if you apply for, and are made an offer to, one of the degrees listed and have achieved an ATAR (or equivalent) of 98+.*

- Architecture, design and planning
  - B Design Computing/B Advanced Studies

- Arts and social sciences
  - B Arts
  - B Arts/B Advanced Studies
  - B Arts/B Advanced Studies (International and Global Studies)
  - B Arts/B Advanced Studies (Languages)
  - B Arts/B Advanced Studies (Media and Communications)
  - B Arts/B Advanced Studies (Politics and International Relations)
  - B Economics
  - B Economics/B Advanced Studies

- Business
  - B Commerce
  - B Commerce/B Advanced Studies

- 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 computer science
  - B Advanced Computing
  - B Advanced Computing/B Science
  - B Advanced Computing/B Science (Health)
  - B Advanced Computing/B Science (Medical Science)
  - B Engineering (Honours) (all streams)
  - B Engineering Honours with Space Engineering
  - B Engineering Honours/B Arts
  - B Engineering Honours/B Commerce
  - B Engineering Honours/B Science
  - B Engineering Honours/B Science (Health)
  - B Engineering Honours/B Science (Medical Science)

- Law
  - B Arts/B Laws
  - B Commerce/B Laws
  - B Economics/B Laws
  - B Science/B Laws

- Medicine and health
  - 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

- Science
  - B Psychology
  - B Science
  - B Science (Health)
  - B Science (Medical Science)
  - 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 Mathematical Sciences
  - B Science/M Nutrition and Dietetics

Courses available to Dalyell Scholars by UAC preference

To study as a Dalyell Scholar in the following courses, you will need to apply via UAC preference or by direct application to the University for non-UAC applicants.

- B Arts/B Advanced Studies (Dalyell Scholars)
- B Commerce/B Advanced Studies (Dalyell Scholars)
- B Engineering Honours (Dalyell Scholars)
- B Science/B Advanced Studies (Dalyell Scholars including Mathematical Sciences)

B = Bachelor of, M = Master of, D = Doctor of
* 90+ for Aboriginal and Torres Strait Islander students admitted through the Gadigal Program
  95+ for students admitted through the Early Offer Year 12 Scheme (E12)
  95+ for students admitted through the Future Leaders Scheme and Broadway Scheme (excluding double degree medicine and dentistry)
SET YOURSELF UP FOR A GLOBAL CAREER

We have the largest student mobility program in Australia.*

We’ve partnered with over 250 universities in more than 40 countries to give you access to global opportunities that will broaden your horizons.

Our global opportunities will bring a new perspective to your academic experience and enable you to develop the confidence and cultural competence for a global career.

The University of Sydney aims to have 50 percent of our students undertake an international experience as part of their studies, with scholarship funding being made available for at least half of these students.

Develop a global perspective. Opportunities include:

- 130 partner universities that are ranked in the top 200 worldwide**
- short-term (2–6 weeks), semester and year-long program options
- overseas field schools such as the Sydney Southeast Asia Centre’s multidisciplinary schools, where you can tackle real-world problems in Cambodia, Indonesia, Laos, Singapore, Timor-Leste and Vietnam
- intensive in-country Open Learning Environment units where you study language and culture at a partner university across the globe
- short-term summer programs at prestigious universities like Harvard, Yale and the London School of Economics

* Australian Universities International Directors’ Forum Learning Abroad Benchmarking 2018 (in 2019)
** Times Higher Education World University Rankings 2020
“Stop thinking, and just go. Overseas exchange provides so many opportunities. You’ll experience living and operating independently, and meet new people from all over the world. These experiences truly help you grow as a person and develop an understanding of who you are in the world, and who you want to be. Exchange has been the most surreal, exhilarating, and fulfilling experience of my life.”

Kevin Huang
Waseda University Summer Session

“Definitely do it! Making the decision to study overseas is one of those life-changing moments you won’t ever forget. It’s quite nerve-wracking to leave the comforts of home — but take the plunge and go be the person you know you want to be!”

Rifka Samsudeen
Copenhagen Business School, Denmark

124 partners in Europe

71 partners in North America

55 partners in the Asia-Pacific region

35 partners in the United Kingdom

7 partners in Latin and South America

3 partners in the Middle East

- global professional placements, such as the University of Sydney Business School’s Industry Placement Program, providing you with the opportunity to work and study in the United States, China, France or Chile during semester breaks.

- We offer financial support for your overseas experiences through travel scholarships and grants. There are also government-funded OS-HELP loans.

- Make the most of your time abroad via the Global Citizenship Award – an extracurricular, internationally focused leadership development program. Visit our website to learn more.

Our study abroad and exchange programs
- sydney.edu.au/sydney-abroad

Our exchange scholarships
- sydney.edu.au/scholarships/exchange

The Global Citizenship Award
- sydney.edu.au/sydney-abroad/gca

Note: Partner university figures are indicative only. For the most up-to-date list of partner universities, visit sydney.edu.au/study/overseas-exchange
ATAR/IB TABLE
### 2021 Guide to Admission Criteria for Domestic Students

Below is a guide to the Australian Tertiary Admission Rank (ATAR) and International Baccalaureate (IB) scores for admission in 2021. For most courses, the scores are guaranteed, subject to meeting other applicable admission criteria. Scores marked with an asterisk* are not guaranteed and are an indicative score for what you will need for admission in 2021. All published scores are correct at the time of print and subject to change. For the most up-to-date information on ATARs, visit sydney.edu.au/sydney-atar

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<table>
<thead>
<tr>
<th>Course name</th>
<th>ATAR/IB</th>
<th>Duration in Years</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Architecture, design and planning</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Architecture and Environments</td>
<td>85/31</td>
<td>3</td>
</tr>
<tr>
<td>D Design Computing</td>
<td>80/29</td>
<td>3</td>
</tr>
<tr>
<td>D Design Computing/B Advanced Studies</td>
<td>80/29</td>
<td>4</td>
</tr>
<tr>
<td>B Design in Architecture</td>
<td>95/37</td>
<td>3</td>
</tr>
<tr>
<td>B Design in Architecture (Honours)/M Architecture</td>
<td>97/39</td>
<td>5</td>
</tr>
<tr>
<td><strong>Arts and social sciences</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Arts</td>
<td>80/29</td>
<td>3</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies</td>
<td>80/29</td>
<td>4</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (Dalzell Scholars)</td>
<td>98/40</td>
<td>4</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (International and Global Studies)</td>
<td>92/35</td>
<td>4</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (Languages)</td>
<td>95/37</td>
<td>4</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (Media and Communications)</td>
<td>95/37</td>
<td>4</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (Politics and International Relations)</td>
<td>95/37</td>
<td>4</td>
</tr>
<tr>
<td>B Arts (Sciences Po Dual Degree)</td>
<td>2+2</td>
<td>(80/29)*</td>
</tr>
<tr>
<td>B Economics</td>
<td>91/34</td>
<td>3</td>
</tr>
<tr>
<td>B Economics/B Advanced Studies</td>
<td>91/34</td>
<td>4</td>
</tr>
<tr>
<td>B Economics (Sciences Po Dual Degree)</td>
<td>2+2</td>
<td>(91/34)*</td>
</tr>
<tr>
<td>B Visual Arts</td>
<td>3</td>
<td>(70/25)*</td>
</tr>
<tr>
<td>B Visual Arts/B Advanced Studies</td>
<td>4</td>
<td>(70/25)*</td>
</tr>
<tr>
<td>Diploma of Arts</td>
<td>na</td>
<td>1</td>
</tr>
<tr>
<td>Diploma of Language Studies</td>
<td>na</td>
<td>1</td>
</tr>
<tr>
<td><strong>Business</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Commerce</td>
<td>96/38</td>
<td>3</td>
</tr>
<tr>
<td>B Commerce/B Advanced Studies</td>
<td>96/38</td>
<td>4</td>
</tr>
<tr>
<td>B Commerce/B Advanced Studies (Dalzell Scholars)</td>
<td>98/40</td>
<td>4</td>
</tr>
<tr>
<td><strong>Education and social work</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Education (Early Childhood)</td>
<td>77/28</td>
<td>4</td>
</tr>
<tr>
<td>B Education (Health and Physical Education)</td>
<td>4</td>
<td>(80/29)</td>
</tr>
<tr>
<td>B Education (Primary)</td>
<td>4</td>
<td>(85/31)</td>
</tr>
<tr>
<td>B Education (Secondary: Humanities and Social Sciences)/B Arts</td>
<td>5</td>
<td>(80/29)</td>
</tr>
<tr>
<td>B Education (Secondary: Mathematics)/B Science</td>
<td>5</td>
<td>(80/29)</td>
</tr>
<tr>
<td>B Education (Secondary: Science)/B Science</td>
<td>5</td>
<td>(80/29)</td>
</tr>
<tr>
<td>Social Work</td>
<td>80/29</td>
<td>4</td>
</tr>
<tr>
<td>B Arts/B Social Work</td>
<td>80/29</td>
<td>5</td>
</tr>
<tr>
<td><strong>Engineering and computer science</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Advanced Computing</td>
<td>90/34</td>
<td>4</td>
</tr>
<tr>
<td>B Advanced Computing/B Commerce</td>
<td>96/38</td>
<td>5</td>
</tr>
<tr>
<td>B Advanced Computing/B Science</td>
<td>90/34</td>
<td>5</td>
</tr>
<tr>
<td>B Advanced Computing/B Science (Health)</td>
<td>90/34</td>
<td>5</td>
</tr>
<tr>
<td>B Advanced Computing/B Science (Medical Science)</td>
<td>90/34</td>
<td>5</td>
</tr>
<tr>
<td>B Engineering Honours (Dalzell Scholars)</td>
<td>98/40</td>
<td>4</td>
</tr>
</tbody>
</table>

You can identify courses by the degree type: ● Professional degree ● Specialist degree ○ Liberal studies degree

Admission is based on a combination of ATAR, or equivalent, plus additional admission criteria. Visit sydney.edu.au/courses

---

**Separate scores apply for our admission pathways. Visit page 82 for details.**
<table>
<thead>
<tr>
<th>Course name</th>
<th>ATAR/IB</th>
<th>Duration in years</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Engineering Honours (Aeronautical)</td>
<td>92/35</td>
<td>4</td>
</tr>
<tr>
<td>B Engineering Honours (Biomedical)</td>
<td>92/35</td>
<td>4</td>
</tr>
<tr>
<td>B Engineering Honours (Chemical and Biomolecular)</td>
<td>92/35</td>
<td>4</td>
</tr>
<tr>
<td>B Engineering Honours (Civil)</td>
<td>92/35</td>
<td>4</td>
</tr>
<tr>
<td>B Engineering Honours (Electrical)</td>
<td>92/35</td>
<td>4</td>
</tr>
<tr>
<td>B Engineering Honours (Flexible First Year)</td>
<td>92/35</td>
<td>4</td>
</tr>
<tr>
<td>B Engineering Honours (Mechatronic)</td>
<td>92/35</td>
<td>4</td>
</tr>
<tr>
<td>B Engineering Honours (Software)</td>
<td>92/35</td>
<td>4</td>
</tr>
<tr>
<td>B Engineering Honours with Space Engineering</td>
<td>99/42</td>
<td>4</td>
</tr>
<tr>
<td>B Engineering Honours/B Arts</td>
<td>92/35</td>
<td>5</td>
</tr>
<tr>
<td>B Engineering Honours (Civil)/B Design in Architecture</td>
<td>95/37</td>
<td>5</td>
</tr>
<tr>
<td>B Engineering Honours/B Project Management</td>
<td>92/35</td>
<td>5</td>
</tr>
<tr>
<td>B Engineering Honours/B Science</td>
<td>92/35</td>
<td>5</td>
</tr>
<tr>
<td>B Engineering Honours/B Science (Health)</td>
<td>92/35</td>
<td>5</td>
</tr>
<tr>
<td>B Engineering Honours/B Science (Medical Science)</td>
<td>92/35</td>
<td>5</td>
</tr>
<tr>
<td>B Project Management</td>
<td>86/31</td>
<td>3</td>
</tr>
</tbody>
</table>

**Law**

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

**Medicine and health**

- B Applied Science (Diagnostic Radiography) (95/37)* 4
- B Applied Science (Exercise and Sport Science) (82/30)* 3
- B Applied Science/B Advanced Studies (Exercise and Sport Science) (82/30)* 4
- B Applied Science (Exercise Physiology) (90/34)* 4
- B Applied Science (Occupational Therapy) (92/35)* 4
- B Applied Science (Physiotherapy) (99/42)* 4
- B Applied Science (Speech Pathology) (93/36)* 4
- B Arts/D Medicine (99.95/45)* 7
- B Arts/M Nursing (80/29) 4
- B Nursing (Advanced Studies) (84/31) 3

**Music**

- B Music (70/25)* 4
- B Music (Composition) (70/25)* 4
- B Music/B Advanced Studies (Composition) (70/25)* 5
- B Music (Music Education) (70/25)* 4
- B Music (Performance) (70/25)* 4
- B Music/B Advanced Studies (Performance) (70/25)* 5

**Science**

- B Liberal Arts and Science (70/25) 3
- B Psychology (95/37)* 4
- B Science (80/29) 3
- B Science (Health) (80/29) 3
- B Science (Medical Science) (90/34) 3
- B Science/B Advanced Studies (80/29) 4
- B Science/B Advanced Studies (Dalyell Scholars including Mathematical Sciences) (98/40) 4
- B Science/B Advanced Studies (Advanced) (95/37) 4
- B Science/B Advanced Studies (Agriculture) (75/27) 4
- B Science/B Advanced Studies (Animal and Veterinary Bioscience) (80/29) 4
- B Science/B Advanced Studies (Food and Agribusiness) (80/29) 4
- B Science/B Advanced Studies (Health) (80/29) 4
- B Science/B Advanced Studies (Medical Science) (90/34) 4
- B Science/B Advanced Studies (Taronga Wildlife Conservation) (85/31) 4
- B Science/M Mathematical Sciences (98/40) 4.5
- B Science/M Nutrition and Dietetics (97/39)* 5
- B Veterinary Biology/D Veterinary Medicine (97/39)* 6

B = Bachelor of, M = Master of, D = Doctor of

*ATAR/IB scores with an asterisk are indicative only and not guaranteed in 2021.

φ, na, see ‘Table notes’ on page 76.
“At Sydney we are given the opportunity to make change. I have the creative capacity and the critical thinking skills that will give me a real shot at making my mark on the world.”

Megan Fitzgerald
Bachelor of Arts and Bachelor of Laws
University study isn’t simply about gaining credentials – it’s about investing your time to discover what you really like doing.

Start by thinking about which subjects interest you, as well as how you like to learn and what you want from your university experience.
Invent with intent. When you study at 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.

− sydney.edu.au/courses/architecture

In an increasingly interlinked world of design and digital culture, it’s a fantastic time for a creative career.

We’re ranked 1st in Australia and 15th in the world for architecture/built environment.*

“I was encouraged to apply for an internship at Google and I’m now a user experience designer in the Android Google Maps team. We work with researchers and engineers to design new products and features. It’s heaps of fun.”

Sophie Gardner
Bachelor of Design Computing
Scholarships and activities: internship with Google

* QS World University Rankings by Subject 2019
Graduate ready for a global career
We strive for intellectual excellence, creative development and critical thinking. As a student, you will refine and bring to life your designs in specialist facilities and experience 3D printing, laser cutting, CNC routers, wood-turning, model-making and design workshops.

You’ll have the opportunity to expand your architectural and design education outside the classroom with global experience through placements and industry internships, and by engaging with our partners across the built environment and interactive design industries.

There will be many opportunities to connect with industry professionals, and pursue future work opportunities through invited guest lectures, dedicated careers nights, access to an exclusive jobs mailing list and our annual graduate exhibition.

We are continually refreshing our curriculum with the latest advances, focusing on design thinking through our major in Design, or fostering collaboration between students of design, science and engineering in our Biological Design major.

By studying with us, you will develop big-picture thinking and work towards answering global challenges. You’ll graduate ready for a career that is creatively driven and technically challenging.

Sample course structure: Bachelor of Design in Architecture

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
<th>Architectural History/Theory 1</th>
<th>Architecture Studio 1A</th>
<th>Safety Induction and Competency Unit**</th>
<th>Architectural Sketching and Drawing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Architectural History/Theory 1</td>
<td>Architectural Studio 1A</td>
<td>Safety Induction and Competency Unit**</td>
<td>Architectural Sketching and Drawing</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Architectural Technologies 1</td>
<td>Architectural Studio 1B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Architectural Technologies 2</td>
<td>Architectural Studio 2A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Art Processes</td>
<td>Architectural Studio 2B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Architectural History/Theory 3</td>
<td>Architectural Studio 3A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Architectural Professional Practice^</td>
<td>Architectural Studio 3B</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

** Degree core  E Elective

Note: Course structure is indicative only. Progression based on Semester 1 enrolment.
** Zero credit point unit (safety unit for workshop access)
^ Prerequisite unit for entry into Master of Architecture
Architecture, design and planning courses

B Architecture and Environments

ATAR: 85  
IB: 31  
Enter: Feb  
Duration (full time): 3 years  
Assumed knowledge: English Advanced and Mathematics Advanced  

Course description  
This degree provides a broad overview of the built environment through studies in design and architecture, urban planning, sustainability, heritage, building systems and construction and facilities management.

Programs, majors and minors  
Core areas of study include architectural and environmental design, architectural history and theory, architectural sciences and technologies, property and sustainability, urban design and planning. The University of Sydney School of Architecture, Design and Planning electives may include acoustics, lighting, structures and design computing.

Career possibilities  
Architect (with additional study), property and real estate, construction, project manager, urban designer, urban planner.

B Design Computing

B Design Computing/B Advanced Studies

ATAR: 80  
IB: 29  
Enter: Feb/Aug  
Duration (full time): 3 years (single)/4 years (combined)  
Assumed knowledge: Mathematics Advanced  

Course description  
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. As a graduate, your skills in design thinking coupled with technical skills, including coding, will make you highly sought after by a range of employers. In the combined B Design Computing/B Advanced Studies, you will combine studies from a range of disciplines in the shared pool, have access to the Open Learning Environment, undertake advanced coursework, and get involved in cross-disciplinary community, professional, research or entrepreneurial project work, or complete an honours project.

Programs, majors and minors  
Core areas of study include app design, creative technology, design thinking, graphic design, information architecture, physical computing, sound design, user experience (UX) and user-centred design. The four design studios focus on user experience design, interaction design, information visualisation, and interactive product design. Related units may be taken from arts and social sciences, business, engineering, information technology, music and visual arts. In the combined B Design Computing/B Advanced Studies, you will also take a major from the shared pool.

Career possibilities  
Interaction designer, UX designer, creative director, business development, marketing consultant, communications adviser, project manager, design manager, web and multimedia designer, multimedia strategist, creative technologist.

B Design in Architecture

B Design Computing/B Advanced Studies

ATAR: 95  
IB: 57  
Enter: Feb  
Duration (full time): 3 years  
Assumed knowledge: English Advanced and Mathematics Advanced  

Course description  
This degree introduces you to the rewarding profession of architecture and is your first step to becoming a registered architect. In this degree, you will learn to design for the built environment through a studio-based program that involves working on real-world projects in and around Sydney.

Programs, majors and minors  
Core areas of study include architectural design, architectural history and theory, architectural sciences, business, engineering, information technology, music and visual arts. In the combined B Design Computing/B Advanced Studies, you will also take a major from the shared pool.

Career possibilities  
Architect (with additional study), architectural technologist, interior and spatial designer, project manager, property developer.

Combine this degree with B Engineering Honours (Civil)

B Design in Architecture (Honours)/M Architecture

ATAR: 97  
IB: 59  
Enter: Feb  
Duration (full time): 5 years  
Assumed knowledge: English Advanced and Mathematics Advanced  

Course description  
If you are passionate about learning and aspire to be a groundbreaking thinker in the practice of architecture, this five-year double degree is a fast track to achieving your goals. It combines the undergraduate B Design in Architecture with the postgraduate M Architecture. You will also attain undergraduate honours, which otherwise requires an additional full year of study.

Programs, majors and minors  
Core areas of study include architectural design, history and theory, architectural sciences and technologies, architecture workshops, environment and sustainability, professional practice and architectural communications. You can take electives from the University of Sydney School of Architecture, Design and Planning as well as from other faculties and schools.

Career possibilities  
Architect, design manager, academic.

Dalyell Scholars courses see page 14-15  
Assumed knowledge and prerequisites see page 76  
Mathematics prerequisite see page 76  
For important information see page 76
We’re all about ideas. Whether in the classroom, on an industry placement or overseas exchange, you will bring your intellectual curiosity to tackle some of the most complex issues and questions of the 21st century.

- sydney.edu.au/courses/arts

“I always wanted to build a business and to create something new. Studying philosophy gave me the tools and mindset to build and manage a business effectively. I don’t think I’d have the competence or wisdom to do what I’m doing now without my learning experience at the University of Sydney.”

Adam Jacobs
Co-Founder and Managing Director, theiconic.com.au
Bachelor of Arts and Bachelor of Commerce (2007)
**Graduate equipped for countless careers**

At Sydney, you’ll develop the skills to think rigorously, assess assumptions, develop strategies and test ideas against evidence. You will learn from outstanding scholars across more than 45 subject areas of your choice, from anthropology, cultural studies, history, English, languages and sociology to digital cultures, criminology, economics and politics.

The strong communication and critical thinking skills you will gain at Sydney can take you around the world and to any workplace.

Through our placement opportunities with leading organisations and our exchange programs with 250+ partner universities, you can gain international experience and build your professional network while you study.

Our alumni have become leaders in their fields, including five prime ministers, one Nobel laureate, one Pulitzer Prize winner and an astronaut. What will you achieve?

**Why study arts and social sciences here?**

- We are ranked 3rd in Australia for studies in the arts and humanities.*
- We offer one of the most comprehensive ranges of humanities and social sciences subjects in Australia.
- The University of Sydney is ranked 1st in Australia and 4th in the world for graduate employability.**
- Our dual degrees with Sciences Po in France provide the opportunity to study at two of the world’s leading institutions for the humanities and social sciences.

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Why study arts and social sciences here?

*QS World University Rankings by Subject 2019*

**QS Graduate Employability Rankings 2020

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**Do you have artistic talent?**

The Sydney College of the Arts has been Sydney’s premier training ground for contemporary visual artists for almost 50 years. Our hands-on degrees focus on developing the conceptual, theoretical and technical skills needed to succeed as a practising artist. Our full suite of visual arts disciplines are delivered from new, fully refurbished facilities on our Camperdown/Darlington Campus.

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**Sample course structure: Bachelor of Arts and Bachelor of Advanced Studies, with majors in Criminology and History, advanced coursework in Social and Political Sciences and a minor in Digital Cultures**

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Criminology major</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Criminology major</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Criminology major</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
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<tr>
<td>3</td>
<td>2</td>
<td>Criminology major</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Social and Political Sciences advanced coursework</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>Social and Political Sciences advanced coursework</td>
</tr>
</tbody>
</table>

*Degree core | Major 1 | Major 2 | Minor | Elective | Open Learning Environment (OLE) | Advanced coursework

Note: Course structure is indicative only.
Arts and social sciences courses

B Arts
B Arts/B Advanced Studies

ATAR: 80
IB: 29
Entry: Feb/Aug
Duration (full time): 4 years
Dalyell by invitation
Assumed knowledge: Depends on the major or subjects selected

Course description
Whether you want 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, the B Arts will expand your horizons and challenge you to think outside the box. It will prepare you to meet the challenges of the modern workforce, where expertise, inventiveness, logic and critical thinking come to the fore. You will receive an outstanding liberal arts education, with a broad choice of more than 45 subject areas in the humanities and social sciences, and other disciplines across the University from the more than 100 majors and minors in the shared pool. You will also have access to the Open Learning Environment to broaden your skills and explore other areas of study. No two arts degrees are quite the same. In the combined B Arts/B Advanced Studies, in the fourth year you will undertake advanced coursework and a substantial real-world industry, community, entrepreneurship or research project, or an honours project. As you develop a personal portfolio of expertise and high-level skills, you broaden your opportunities and prepare yourself for future success.

Programs, majors and minors
In the B Arts, you will choose one major from the options below. A second major or minor from the shared pool is optional. In the B Arts/B Advanced Studies, you will choose one major and a second major from the shared pool: American Studies; Ancient Greek; Ancient History; Anthropology; Arabic Language and Cultures; Archaeology; Art History; Asian Studies; Biblical Studies and Classical Hebrew; Chinese Studies; Criminology; Cultural Studies; Digital Cultures; Diversity Studies (minor only); Econometrics; Economics; Economic Policy; Education; English; Environmental, Agricultural and Resource Economics; 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; Sanskrit (minor only); Social Policy (minor only); Socio-legal Studies; Sociology; Spanish and Latin American Studies; Studies in Religion; Theatre and Performance Studies; Visual Arts; Writing Studies (minor only).

Career possibilities
Anthropologist, archaeologist, artist, historian, business administrator or manager, historian, heritage specialist, foreign affairs and trade officer, government policy officer, information specialist, journalist, museum or gallery curator, language specialist, media and communications officer, editor or publisher, researcher, sociologist. This degree equips you with the breadth and depth of knowledge and the critical and analytical skills to pursue an extensive range of established and emerging careers. It prepares you for the jobs of the future.

Combine B Arts with
B Education (Secondary: Humanities and Social Sciences), B Engineering Honours, B Laws, B Social Work, D Medicine, M Nursing

B Arts/B Advanced Studies (Dalyell Scholars)

ATAR: 98
IB: 40
Entry: Feb/Aug
Duration (full time): 4 years
Dalyell by application
Assumed knowledge: Depends on the major or subjects selected

Course description
As a Dalyell Scholar in the B Arts/B Advanced Studies, you will gain an outstanding liberal arts education that 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, including access to advanced units of study, tailored mentoring and a global mobility experience. You’ll also have access to the Open Learning Environment and the shared pool of more than 100 majors and minors. In the final year, you will undertake advanced coursework and a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

Programs, majors and minors
Referring to B Arts/B Advanced Studies degree requirements. 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 the option for a global mobility experience.

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. This degree equips you with the breadth and depth of knowledge and the critical and 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)

ATAR: 92
IB: 35
Entry: Feb/Aug
Duration (full time): 4 years
Dalyell by invitation
Assumed knowledge: Refer to B Arts/B Advanced Studies

Course description
This degree will give you a rigorous understanding of the paradoxes and complex interconnections of globalisation, equipping you with the ability to work in a global society. The core major enables you to relate localities to global trends, while your second major and language training provide the regional and linguistic expertise necessary to effectively communicate across cultural boundaries and to work in a range of organisations with an international scope. The opportunity for study abroad or exchange at one of our leading partner universities deepens your knowledge and provides first-hand international experience.

Programs, majors and minors
This stream requires completion of a program in international and global studies which includes a major in Global Studies, a minor in a language from the School of Languages and Cultures, and a minimum of 12 credit points of study abroad/exchange. A second major, which may be an extension of the language minor, must be taken from those available in the B Arts or from the shared pool. You’ll also have access to the Open Learning Environment. In the fourth year of the degree, you will undertake advanced coursework and a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

Career possibilities
Community development program manager, diplomat, foreign aid worker, foreign correspondent, human rights advocate, international business consultant, policy adviser, trade negotiator.
B Arts/B Advanced Studies (Languages)

**Course description**
This degree is NAATI-endorsed and will provide you with the opportunity to combine your passion for the study of languages and cultures with practical skills in multilingual translation and to develop high-level intercultural competency and communication skills. As part of this degree, you will attain foundational knowledge in translation theory and gain real-world experience through practical translation projects. You will engage in the study of different cultures and have the opportunity to undertake exchange semesters and short-term study programs with our international partners. You will work with a team of leading academics and researchers of multilingualism, graduate with advanced skills in analysing cross-lingual and cross-cultural issues, and gain a toolkit for practical translation in multilingual contexts.

**Programs, majors and minors**
This stream requires completion of a program in Languages. You will complete two language majors, translation-focused units, and have the opportunity to complete electives from the shared pool. You will also have access to the Open Learning Environment. In the fourth year of the degree, you will undertake advanced coursework units in languages and translation and complete multilingual projects, or an honours option.

**Career possibilities**
Language localisation specialist, public relations officer, public policy officer, foreign affairs and trade officer, researcher, translator. This degree equips you with the breadth and depth of knowledge and the critical and 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 (Media and Communications)

**Course description**
This degree 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 as well as a scholarly and critical education in media and communications theory and practice. As part of this degree, you will undertake a compulsory internship that gives you hands-on experience and a valuable network. Internships are available in many areas, including national and international journalism, public relations and advertising agencies, national television and radio, and major print and online media.

**Programs, majors and minors**
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 have access to the Open Learning Environment. In the fourth year of the degree you will undertake advanced coursework and a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

**Career possibilities**
Corporate communications officer, information officer, journalist (print, online, radio, television), market or media researcher, producer, public relations officer, public policy officer.

B Arts/B Advanced Studies (Politics and International Relations)

**Course description**
This degree covers all aspects of political, cultural and economic relations at both domestic and international levels. It explores the world-shaping political forces that extend far beyond national boundaries and impact our lives in unexpected ways. At the core of the degree are specialist units dealing with contemporary real world problem-solving, both in teams and individually. You will graduate with a major in Politics and International Relations, and work with a team of leading academics and researchers to identify and evaluate current affairs and issues that shape global politics.

**Programs, majors and minors**
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 have access to the Open Learning Environment. In the fourth year of the degree you will undertake advanced coursework and a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

**Career possibilities**
Current affairs journalist, government and public service administrator, non-government or private sector administrator, policy researcher and consultant, policy adviser, think tank participant. The degree will equip you to pursue a wide range of careers where knowledge of the interactions between international and domestic politics is necessary.

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

**Course description**
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.

**Programs, majors and minors**
This dual degree enables you to work towards both a B Arts degree at Sciences Po in France for the first two years, and a B Arts degree at the University of Sydney for the remaining two years. As part of your B Arts at the University of Sydney, you will have access to the shared pool and the Open Learning Environment. Refer to B Arts for University of Sydney-based majors. For information on studies in France, including units of study, please refer to the Sciences Po website: www.sciencespo.fr/en/home

**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.

**Additional admission criteria**
Bachelor of Arts and Bachelor of Economics Sciences Po Dual Degree applicants need to be recent school leavers – Transfer applicants are not eligible to apply. In addition to meeting the academic requirements of an accepted secondary education (Year 12) qualification, you need to submit an online application directly to the University, including a personal statement, resume and school reports or transcripts from the past three years. For more information about admission criteria, tuition fees and the application process, visit the relevant course page. sydney.edu.au/courses

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**Areas of Study**

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## B Economics

### B Economics/B Advanced Studies

**ATAR:** 91
**IB:** 34
**Entry:** Feb/Aug
**Duration (full time):** 3 years (single)/4 years (combined)
**Dalyell by invitation
**Mathematics prerequisite:** Yes
**Assumed knowledge:** Mathematics Advanced

### Course description

The B Economics introduces you to a diverse, fascinating discipline that addresses a range of big issues in modern life and plays a central role in shaping the broad framework of society at every level. It provides undergraduate training in theoretical and applied aspects of modern economics, econometrics and financial economics. Although primarily interested in explaining the behaviour of individuals, economics also addresses the collective behaviour of businesses and industries, governments and countries, and the world as a whole. Economics is crucial to understanding and solving the major problems and challenges the world faces today, such as global warming, poverty, development, and recession. The combined B Economics/B Advanced Studies will give you a comprehensive understanding of the economy, business and government, and the high-level technical skills to analyse economic and social data and events. In your fourth year, you will undertake advanced coursework and a substantial research, community, industry or entrepreneurship project, or an honours project for high-achieving students. The highly regarded honours pathway in economics is central to the strength of economics at the University of Sydney, providing expert training in applied economics, economic theory and econometrics.

### Programs, majors and minors

You will complete a program in Economics which includes a major from the list below, and a second major (mandatory for B Economics/B Advanced Studies) or a minor from the shared pool or from the following: Economics; Econometrics; Financial Economics; Environmental; Cultural and Resource Economics. You’ll also complete units from the Open Learning Environment.

### Career possibilities

Accountant, banker, business consultant, business information systems analyst, economist, analyst, financial manager, human resource manager, industrial relations specialist, researcher, social policy adviser.

**Additional admission criteria**

**B Economics (Dual Degree, Sciences Po, France)**

**ATAR:** 91* + other admission criteria
**IB:** 34* + other admission criteria
**Entry:** Aug (in France)
**Duration (full time):** 2 + 2 years
**Mathematics prerequisite:** Yes
**Assumed knowledge:** Mathematics Advanced

### Course description

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 dual degree enables you to work towards both a B Arts degree at Sciences Po in France for the first two years, and a B Economics degree at the University of Sydney in the remaining two years.

### Programs, majors and minors

Refer to B Economics for University of Sydney based-majors. For further information on studies in France, including units of study, please refer to the Sciences Po website: www.sciencespo.fr/en/home

### Career possibilities

Accountant, banker, business consultant, business information systems analyst, economist, analyst, financial manager, human resource manager, industrial relations specialist, researcher, social policy adviser.

**Additional admission criteria**

**B Visual Arts

### B Visual Arts/B Advanced Studies

**ATAR:** 70* + portfolio
**IB:** 25* + portfolio
**Entry:** Feb
**Duration (full time):** 3 years (single)/4 years (combined)

### Course description

The B Visual Arts is offered by Sydney College of the Arts. Sydney’s premier training ground for contemporary visual artists for more than 40 years. It 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. The combined B Visual Arts/B Advanced Studies offers the opportunity to develop your visual arts studies with advanced coursework and a substantial research, community, industry or entrepreneurship project, or an honours project in the fourth year. You can create a study profile that reflects your expertise in a range of disciplines.

### Programs, majors and minors

You will have access to a wide range of electives in contemporary art, as well as a range of study areas offered across the University and in the Open Learning Environment. In the combined B Visual Arts/B Advanced Studies, you will also take a major or minor from the shared pool, and complete advanced coursework units and a substantial research, community, industry or entrepreneurship project, or an honours project in the final year.

### Career possibilities

Artist, arts writer, craftsperson, curator, digital artist, art educator (with further tertiary qualifications), exhibition designer, filmmaker, illustrator, painter, product designer, sound artist, web and multimedia designer.

**Additional admission criteria**

You will also be assessed based on a portfolio of artwork. You are required to submit the portfolio by the relevant deadlines. When submitting the portfolio online, you will need to include a short statement describing one of the more developed projects in your portfolio. sydney.edu.au/arts/creative-arts-portfolio
Diploma of Arts

ATAR: na
IB: na
Entry: Feb/Aug
Duration (full time): 1 year
Assumed knowledge: Depends on subjects chosen

Course description
The Diploma of Arts is designed for candidates who have already completed, or are currently enrolled in, a bachelor’s degree and would like to undertake further study to complement their studies or study in an additional discipline. It gives you an academic foundation in the humanities, allowing you to progress to an honours year or further postgraduate study in your chosen field.

Programs, majors and minors
You will complete a major, a minor, or a collection of units of study from the following subject areas: American Studies; Ancient History; Archaeology; Art History; Asian Studies; Biblical Studies and Classical Hebrew; Cultural Studies; Diversity Studies (minor only); Digital Cultures; English; European Studies; Film Studies; Gender Studies; History; Jewish Civilisation, Thought and Culture; Linguistics; Music; Philosophy; Studies in Religion; Theatre and Performance Studies; Writing Studies (minor only).

Career possibilities
A pathway to honours and postgraduate studies in the arts and social sciences.

Diploma of Language Studies

ATAR: na
IB: na
Entry: Feb/Aug
Duration (full time): 1 year (depending on completion option selected)
Assumed knowledge: No prior language experience required.
Language skills are assessed by the department and students are placed in the appropriate level (beginner, intermediate or advanced) class.

Course description
The Diploma of Language Studies is designed for candidates who have already completed or are currently enrolled in a bachelor’s degree and would like to pursue study of languages to complement their studies. This diploma will ensure you are confident with language skills and have a strong understanding of the culture and societies in which that language is spoken.

Programs, majors and minors
You will complete a major, a minor or a collection of units of study from the following language subject areas: Ancient Greek; Arabic Language and Cultures; Biblical Studies and Classical Hebrew; Chinese Studies; French and Francophone Studies; Germanic Studies; Hebrew (Modern); Indonesian Studies; Italian Studies; Japanese Studies; Korean Studies; Latin, Modern Greek Studies; Sanskrit (minor only); Spanish and Latin American Studies.

Career possibilities
Career opportunities depend on the area of study undertaken. A diploma is often a springboard to a postgraduate degree or a way of focusing your study in a particular area by doing a short course.

Diploma of Social Sciences

ATAR: na
IB: na
Entry: Feb/Aug
Duration (full time): 1 year
Assumed knowledge: Depends on subjects chosen

Course description
The Diploma of Social Sciences is designed for candidates who have already completed, or are currently enrolled in, a bachelor’s degree and would like to undertake further study to complement their studies or study in an additional discipline. It gives you an academic foundation in the social sciences, allowing you to progress to an honours year or further postgraduate study in your chosen field.

Programs, majors and minors
You will complete a major, a minor or a collection of units of study from the following subject areas: Anthropology; Criminology; Economic Policy; International Relations; Political Economy; Politics, Socio-legal Studies; Sociology; Social Policy (minor only).

Career possibilities
A pathway to honours and postgraduate studies in the social sciences.

* ATAR/IB scores indicative
ATAR/IB scores with an asterisk are indicative only and not guaranteed in 2021.

** Sciences Po and University of Sydney dual degrees
Admission to the Sciences Po Dual Degree is highly competitive. Applicants will need to meet the minimum admission requirements for their degree of choice at the University of Sydney, including English language requirements. The higher of the English language requirements of the two partner institutions will apply.
The Sciences Po degree 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. Student visa holders who commence this course may face additional costs associated with their student visa. For visa information, visit www.homeaffairs.gov.au

Visual Arts degrees
The admission criteria for Visual Arts degrees are currently under review and may be subject to change for students applying to start from 2021 onwards. For updates to 2021 admissions criteria, refer to the relevant course at sydney.edu.au/courses
At the University of Sydney Business School, you'll gain the skills to succeed in business or build your own start-up. You will graduate equipped to become a leader and drive change with social, environmental and commercial impact. Your global business journey starts here.

− sydney.edu.au/courses/business

“I’ve had a lot of freedom to try out a variety of electives and majors. The soft skills and technical knowledge I’ve developed at university have been really useful during my industry placement at Macquarie Group. It’s been extremely rewarding to apply the skills I’ve been taught in the classroom to the real world.”

Minh Tri Nguyen
Graduate (Retail Banking Services), Commonwealth Bank
Bachelor of Commerce (2018)
Scholarships and activities: Industry Placement Program,
Inspired by Business mentor
Graduate career-ready
Meet the future demands of business and prepare for a global career with our Bachelor of Commerce. Gain advanced technical knowledge and develop skills in communication, critical thinking and leadership through a case-based learning approach, where you’ll work in cross-disciplinary teams and apply problem-solving skills to real-world projects.

You’ll have a range of opportunities to travel and study throughout Australia, Europe, Asia, North America and South America. Work with leading organisations around the world and gain first-hand insights into contemporary business practice.

Previous industry partners have included Deloitte, EY, Macquarie Bank, Tourism Australia, and UN Women Australia.

Why study business here?
- Choose from a range of majors (see page 36 for a full list) to gain the technical skills you’ll need in the workforce.
- Gain professional experience via industry placement programs and by working with our partners on real business problems.
- Explore your career options, develop your networks and access recruiters and employers, via our award-winning Careers and Employability Office, a dedicated service for business students.

Sample course structure:
Bachelor of Commerce and Bachelor of Advanced Studies with majors in Business Analytics and Marketing

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Future of Business Analysis</td>
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<tr>
<td>2</td>
<td></td>
<td>Foundations of Business Analytics</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Leading and Influencing in Business</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Predictive Analytics</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Machine Learning and Data Mining</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Business Analytics in Practice</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Advanced coursework elective</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Project unit (12 credit points), such as Research Project, Community Project, Industry Project or Entrepreneurship Project</td>
</tr>
</tbody>
</table>

° Degree core  ■ Major 1  ■ Major 2  □ Elective  ■ Open Learning Environment (OLE)
Advanced coursework
Note: Course structure is indicative only.
B Commerce
B Commerce/B Advanced Studies

ATAR: 96
IB: 38
Entry: Feb/Aug
Duration (full time): 3 years (single)/4 years (combined)
Dalyell by invitation
Mathematics prerequisite: Yes
Assumed knowledge: Mathematics Advanced; other assumed knowledge depends on the first-year subjects selected

Course description
Your global business journey starts here. Our B 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. You’ll also have access to the Open Learning Environment to broaden your skills and explore other areas of study. For the combined B Commerce/B Advanced Studies, in the fourth year, you’ll do advanced coursework and a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

Programs, majors and minors
You will choose one major from the options below and a second major (mandatory for B Commerce/B Advanced Studies) or a minor either from the shared pool or these options: 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).

Career possibilities
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.

Combine B Commerce with B Advanced Computing, B Engineering Honours, B Laws

B Commerce/B Advanced Studies (Dalyell Scholars)

ATAR: 98
IB: 40
Entry: Feb/Aug
Duration (full time): 4 years
Dalyell by application
Mathematics prerequisite: Yes
Assumed knowledge: Mathematics Advanced; other assumed knowledge depends on the first-year subjects selected

Course description
Lead the next generation of business and innovation. Designed for high-achieving students, the Dalyell stream of the B Commerce/B Advanced Studies cultivates high-level graduate attributes through greater depth and breadth of learning. You will enrol in exclusive Dalyell units and have access to a suite of enrichment opportunities as well as the Open Learning Environment. In the fourth year, you’ll do advanced coursework and a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

Programs, majors and minors
Refer to B Commerce/B Advanced Studies. As a Dalyell Scholar you will also complete 12 credit points of distinctive Dalyell units. These units will be complemented by enrichment opportunities that you can tailor to your needs. They include accelerated study options, additional enrichment units of study from outside your primary discipline, mentoring and professional skill development, and the option for a global mobility experience.

Career possibilities
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.
EDUCATION AND SOCIAL WORK

Make a world of difference through teaching or social work. At Sydney, you’ll explore ideas and issues in your chosen field to become a highly informed practitioner and lifelong learner.

− sydney.edu.au/courses/education-social-work

“As a student, I loved being part of a community that dedicated itself to considering the big issues that our society and culture face. Since then, I’ve always sought to be the kind of teacher who cares about students first and subjects second.”

Eddie Woo
Leader of Mathematics Growth, NSW Department of Education; Founder of Wootube
Bachelor of Education (Secondary: Mathematics) (Honours) (2008)
Develop the next generation of thinkers
Engage minds and ignite the creativity of the next generation. We offer education degrees for early childhood, primary and secondary teaching with a diverse range of areas including Aboriginal studies, biology, business studies, chemistry, commerce, drama, economics, English, geography, health and physical education, history, mathematics, music, languages, physics and teaching English to speakers of other languages (TESOL).

Make a difference in the community
Our social work degree prepares you to change lives for the better. You will gain skills in policy development, frontline social care, counselling, advocacy and community development.

As a Sydney graduate, you will be a versatile and highly skilled practitioner who can translate professional values into action to support people in our communities who are in need.

Why study education and social work here?
- We are ranked 12th in the world for education.*
- We’ve built strong links with practitioners from both the education and social work fields and emphasise practical experience so our students have the opportunity to apply their theoretical knowledge and gain professional experience.
- Our degrees are recognised in Australia and you will gain skills that will be widely sought after and versatile.
- Our teacher education degrees are accredited by the NSW Education Standards Authority (NESA).
- Our Bachelor of Education (Early Childhood) is listed under the Australian Children’s Education and Care Quality Authority (ACECQA) approved qualification list.
- Our social work degrees are accredited by the Australian Association of Social Workers (AASW).

* QS World University Rankings by Subject 2019

Sample course structure:
Bachelor of Education (Secondary: Humanities and Social Sciences) and Bachelor of Arts

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Major: first teaching area</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Major: first teaching area</td>
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<tr>
<td></td>
<td>2</td>
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<tr>
<td></td>
<td>2</td>
<td>Major: first teaching area</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Curriculum and Professional Studies unit</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Curriculum and Professional Studies unit</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Curriculum and Professional Studies unit</td>
</tr>
<tr>
<td>2</td>
<td>Major: first teaching area</td>
<td>Major: first teaching area</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>OLE units</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Curriculum and Professional Studies unit</td>
</tr>
</tbody>
</table>

Note: Course structure is indicative only.
*B: Literacy and Numeracy Test for Initial Teacher Education Students (LANTITE) is a zero credit point, compulsory unit. Successful completion of the LANTITE is a requirement of the degree.
## Education and social work courses

### B Education (Early Childhood)

| ATAR: 77 |
| IB: 28 |
| Entry: Feb |
| Duration (full time): 4 years |
| Assumed knowledge: Depends on the units of study chosen |

**Course description**
The B Education (Early Childhood) will give you a professional qualification to teach children (birth–5 years) in early childhood education settings. Our innovative four-year degree incorporates introductory and advanced curriculum units, a strong social justice and leadership focus, placement experiences in early childhood settings that exceed minimum requirements, and scope to develop and apply research skills in an honours pathway.

**Programs, majors and minors**
You will study specialist units in early childhood education and development, complemented by generalist units in education and professional studies, as well as elective units of study in the sciences, social sciences and humanities offered by the Faculty of Arts and Social Sciences, the Faculty of Science, and the University of Sydney Business School.

**Career possibilities**
Teacher in a range of early learning centres and preschools (birth–5 years). Qualified early childhood teachers are in high demand and early childhood education is a high priority for both federal and state governments in Australia.

**Professional recognition**
Australian Children's Education and Care Quality Authority

### B Education (Health and Physical Education)*

| ATAR: 80 + statement |
| IB: 29 + statement |
| Entry: Feb |
| Duration (full time): 4 years |
| Prerequisites: NSW Education Standards Authority (NESA) requirement of a Band 5 in three HSC subjects, one of which needs to be English (Standard or Advanced) or equivalent |

**Course description**
This degree will give you a professional qualification to teach in secondary schools in the area of personal development, health and physical education (PDHPE), along with a second teaching area of specialisation. If you are passionate about health, sport and the science of movement, this is the perfect course for you. It offers a range of unique experiences, including the opportunity to specialise in PDHPE. Service learning and community engagement are key features of this degree. You will be given service learning opportunities and work with educational, health and sporting organisations.

**Programs, majors and minors**
You need to select two teaching areas: the first will be health and physical education. Second teaching areas may include: Aboriginal studies, biology, business studies, chemistry, commerce, drama, economics, English, geography, history (ancient and modern), languages and mathematics. Professional experience placements (totalling 80 days) begin in the first year of the course and progressively increase until the final placement, when you will be competent to teach under minimal supervision.

**Career possibilities**
Teacher in secondary schools or careers in training and human resource settings, community health, coaching, recreation and sport.

**Professional recognition**
NSW Education Standards Authority, NSW Department of Education, Association of Independent Schools of NSW, Catholic Education Office

### B Education (Primary)*

| ATAR: 85 + statement |
| IB: 31 + statement |
| Entry: Feb |
| Duration (full time): 4 years |
| Prerequisites: NSW Education Standards Authority (NESA) requirement of a Band 5 in three HSC subjects, one of which needs to be English (Standard or Advanced) or equivalent |
| Assumed knowledge: For the Mathematics specialisation: Mathematics Standard or Advanced |

**Course description**
Inspire the next generation and gain a professional qualification to teach in a primary school with children aged 5–12 years. Gain extensive experience at schools during this four-year degree, with school placements commencing in your first year. These begin with observing and interacting with small groups of primary school students, and later expand to include patterns of classroom interaction, teacher-developed curriculum materials and whole-school activities. When you undertake professional experience in fourth year, you will be fully competent to teach without close supervision.

**Programs, majors and minors**
Throughout this degree you will take generalist units of study in education and professional studies, along with units of study offered by the Faculty of Arts and Social Sciences, the Faculty of Science, and the University of Sydney Business School. Students who demonstrate high achievement in mathematics through secondary school or the first-year mathematics content may also elect to undertake a specialisation study pathway in mathematics. This degree covers all the key learning areas (primary subject area), with special attention to the mandatory areas of Aboriginal education, teaching English to speakers of other languages (TESOL) and special education.

**Career possibilities**
Teacher in primary schools, curriculum consultant, educational administrator, educational researcher, government policy adviser.

**Professional recognition**
NSW Education Standards Authority, NSW Department of Education and Communities, Association of Independent Schools of NSW, Catholic Education Office
### Dalyell Scholars

**Courses**
see page 14-15

**Assumed knowledge and prerequisites**
see page 76

**Mathematics prerequisite**
see page 76

**For important information**
see page 76

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#### B Education (Secondary: Humanities and Social Sciences)/B Arts

**ATAR:** 80 + statement  
**IB:** 29 + statement  
**Entry:** Feb  
**Duration (full time):** 5 years  
**Dalyell by invitation**  
**Assumed knowledge:** Refer to [B Arts](#)

**Course description**
This five-year combined degree will give you a professional qualification to teach in secondary schools in the areas of humanities and social sciences. You will gain a strong practical and theoretical preparation for teaching. The course covers professional teaching, special education, international education, and information and communications technology. School observations and practice teaching are integral components of the professional experiences in this degree. Professional teaching experiences and internships are offered in partnership with participating schools and will provide you with the opportunity to develop your teaching skills and professional understanding of how to work in schools.

**Programs, majors and minors**
You will take core units of study in education, along with intensive study and professional experience in teaching areas and units from the Open Learning Environment. You need to select two teaching areas, which may include: Aboriginal studies, business studies/commerce, drama, economics, English, geography, history, languages, mathematics and teaching.

**Career possibilities**
Teacher in secondary schools in areas including English, drama, history, mathematics, TESOL, geography, economics and languages; curriculum consultant, educational administrator, educational researcher, government policy adviser, human resource manager.

**Professional recognition**
NSW Education Standards Authority, NSW Department of Education and Communities, Association of Independent Schools of NSW, Catholic Education Office

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

**ATAR:** 80 + statement  
**IB:** 29 + statement  
**Entry:** Feb  
**Duration (full time):** 5 years  
**Dalyell by invitation**  
**Assumed knowledge:** Mathematics Advanced or Mathematics Extension 1; other assumed knowledge depends on the areas or units studied

**Course description**
This five-year combined degree will give you a professional qualification to teach mathematics or science in secondary schools. You will acquire a strong practical and theoretical preparation for teaching. The course covers professional teaching, special education, international education, and information and communications technology. School observation and practice teaching are integral components of the professional experiences in this degree. This professional experience is offered in partnership with participating schools and will provide you with the opportunity to develop your teaching skills and professional understanding.

**Programs, majors and minors**
You will take core units of study in education along with intensive study and professional experience in teaching areas and units from the Open Learning Environment. A major must be taken in Mathematics. A second teaching area can be taken in one of the following: Aboriginal studies, biology, business studies/commerce, drama, economics, English, geography, history, languages, physics, and teaching English to speakers of other languages (TESOL). You will need to take a major in your primary teaching area, alongside further study in a second teaching area. Business studies, geography, mathematics and TESOL may be taken as a second teaching area only. A third teaching area may be taken in TESOL or Aboriginal studies.

**Career possibilities**
Teacher in secondary schools in areas including biology, chemistry, physics, geography and mathematics; secondary school leadership roles, policy development, training or development.

**Professional recognition**
The NSW Education Standards Authority, NSW Department of Education and Communities, Association of Independent Schools of NSW, Catholic Education Office

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

**ATAR:** 80 + statement  
**IB:** 29 + statement  
**Entry:** Feb  
**Duration (full time):** 5 years  
**Dalyell by invitation**  
**Assumed knowledge:** For B Science: Mathematics Advanced; other assumed knowledge depends on the science areas or units studied

**Course description**
This five-year combined degree will give you a professional qualification to teach science in secondary schools. You will acquire a strong practical and theoretical preparation for teaching. The course covers professional teaching, special education, international education, and information and communications technology. School observation and practice teaching are integral components of the professional experience in this degree. This professional experience is offered in partnership with participating schools and will provide you with the opportunity to develop your teaching skills and professional understanding.

**Programs, majors and minors**
You will take core units of study in education along with intensive study and professional experience in teaching areas and units from the Open Learning Environment. Two teaching areas are selected from the following: biology, chemistry, geography, mathematics, physics. A major must be taken in a science teaching area. If you are intending to teach science at a secondary level after graduating, you need to complete at least 12 credit points of study in both mathematics and chemistry or physics during your degree.

**Career possibilities**
Teacher in secondary schools in areas including mathematics, biology, chemistry, physics and geography; secondary school leadership roles, policy development, training or development.

**Professional recognition**
The NSW Education Standards Authority, NSW Department of Education and Communities, Association of Independent Schools of NSW, Catholic Education Office
### B Social Work

**ATAR:** 80  
**IB:** 29  
**Entry:** Feb  
**Duration (full time):** 4 years  
**Assumed knowledge:** Depends on first-year subjects chosen  

#### Course description
The B Social Work allows you to qualify as a professional social worker while also taking two years of tertiary studies in other areas of interest such as sociology, diversity studies or gender studies. Combining studies in social policy and social work, you will develop skills to promote social change, problem solve in human relationships, and empower and liberate people to enhance wellbeing. You will gain strong negotiating skills, a nuanced understanding of cultural contexts and sensitivity to various religious beliefs.

#### Programs, majors and minors
Your studies will include Indigenous Australian studies, social policy and social work, social research, sociology. In first and second year, you may choose from the areas listed under B Arts. In third and fourth year, you will undertake a professional program in social work and social policy.

#### Career possibilities
Aged care worker, children and families support worker, community worker in programs for people with disabilities, migrant and refugee liaison officer, international development worker, social policy adviser.

#### Professional recognition
Australian Association of Social Workers

### B Arts/B Social Work

**ATAR:** 80  
**IB:** 29  
**Entry:** Feb  
**Duration (full time):** 5 years  
**Assumed knowledge:** Refer to B Arts; for Social Work: depends on the subjects chosen  

#### Course description
This five-year combined degree offers a comprehensive and flexible study pathway that will qualify you as an accredited social worker, while also allowing you to enhance your qualification with majors and minors that complement the B Social Work, such as Sociology and Social Policy, Gender Studies or Philosophy, offered through the B Arts. You’ll also have access to the Open Learning Environment and the shared pool of majors, minors and electives.

#### Programs, majors and minors
Refer to B Arts and B Social Work. You will choose a major from the B Arts, and a second major or a minor either from those options or the shared pool. Social work includes a professional two-year program that covers research skills, social policy and social work.

#### Career possibilities
Aged care worker, children and families support worker, community worker in programs for people with disabilities, migrant and refugee liaison officer, international development worker, social policy adviser.

#### Professional recognition
Australian Association of Social Workers

### Additional admission criteria
Applicants for all Bachelor of Education degrees (except Early Childhood and Bachelor of Music (Music Education)) are required to complete a brief personal statement as part of the application for admission. For more information, visit sydney.edu.au/teacher-education-personal-statement

* NESA prerequisites for teaching degrees:  
  - Bachelor of Education (Primary)  
  - Bachelor of Education (Health and Physical Education)  
  - Bachelor of Music (Music Education)  
  The New South Wales Education Standards Authority (NESA) requires students entering these teaching degrees to achieve the equivalent of a minimum of three Band 5s in their NSW HSC, one of which must be English (English Standard or English Advanced). For equivalent requirements for other Australian Year 12 qualifications, refer to the UAC website: uac.edu.au/future-applicants/admission-criteria/year-12-qualifications
  
* University will assess whether you have achieved an equivalent standard through your high school studies. If you need to meet English proficiency requirements through a test such as IELTS, you will complete those requirements separately.
Dalyell Scholars

Courses
see page 14-15

Assumed knowledge
and prerequisites
see page 76

∆ Mathematics
prerequisite
see page 76

For important
information
see page 76
Combine your drive to solve tomorrow’s challenges with a degree in engineering, project management or computer science. Whether it’s in AI, space, construction or health care, we will provide you with the technical skills and professional experiences to develop innovative and sustainable solutions to the world’s biggest problems.

− sydney.edu.au/courses/engineering-computer-science

“My six-month industry placement at Cochlear allowed me to work on a research project that complemented the technical skills learnt through my biomedical engineering studies. Without a doubt, the best part of this experience was knowing my work contributed towards providing the gift of hearing.”

Bethany O’Neill
Bachelor of Engineering Honours (Biomedical) and Bachelor of Medical Science
Scholarships and activities: Engineering Sydney Industry Placement Scholarship
Prepare yourself for a future-focused career

Choose from our broad range of engineering, project management and computing degrees and you could have the opportunity to make a visible and lasting impact on the world around us.

Work closely with leading academics, researchers and industry partners to create smarter ways of running our planet, combining technical expertise with hands-on experience to develop creative and sustainable solutions.

You will have opportunities to forge connections with our network of more than 1200 industry, not-for-profit and government organisations across engineering, project management and computing.

Join our successful graduates who've made their mark on the world – from the invention of Wi-Fi to an injectable hydrogel that could make open surgery a thing of the past.

Why study engineering and computer science here?

- We are ranked in the top 60 universities in the world for engineering and technology.**
- The development of our fantastic new multimillion-dollar engineering precinct is underway.
- More than double the national average of women study engineering, computing and project management with us.***
- Embedded into all of our engineering degrees is our award-winning Professional Engagement Program, accredited by Engineers Australia.
- Our advanced computing and project management degrees offer the flexibility to select from more than 100 cross-disciplinary majors and minors.

Sample course structure:

Bachelor of Advanced Computing; Computational Data Science and Marketing majors

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Degree core</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>Foundations of Data Science</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Introduction to Computer Systems</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Data Structures and Algorithms</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Data Analytics: Learning from Data</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Data Science Capstone</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Human-in-the-loop Data Analytics</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Human-Computer Interaction</td>
</tr>
</tbody>
</table>

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* Australasian Association of Engineering Education Awards 2018
** QS World University Rankings by Subject 2019
*** highereducationstatistics.education.gov.au

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Note: Course structure is indicative only.
# Engineering and computer science courses

## B Advanced Computing

### ATAR: 90  
IB: 34  
Enter: Feb/Aug  
Duration (full time): 4 years  
Dalyell by invitation  
Mathematics prerequisite: Yes  
Assumed knowledge: Mathematics Advanced or Mathematics Extension 1

**Course description**  
Designed with leaders in the computing field, this degree will help prepare you for an exciting career in computer science. Incorporating real-world projects, it develops both practical and theoretical skills across the computing, information technology and business transformation industries. With one of Australia’s most innovative IT computing courses, you can combine your passion for computing with one of more than 100 cross-disciplinary majors and minors from the shared pool, as you cultivate specialist industry knowledge and computing expertise.

**Programs, majors and minors**  
You will choose one IT computing major from the list below with the further option to choose either a second major or minor from this list or the shared pool: Computer Science, Computational Data Science, Information Systems, Software Development. You will also have access to the Open Learning Environment to broaden your skills and explore other areas of study.

**Career possibilities**  
Computer programmer, computer system administrator, consultancy, entrepreneur, information services management, systems analyst, software engineer, user experience, web development and management.

### Combining this degree with  
B Commerce, B Science, B Science (Health), B Science (Medical Science)

## B Advanced Computing/B Commerce

### ATAR: 96  
IB: 38  
Enter: Feb/Aug  
Duration (full time): 5 years  
Dalyell by invitation  
Mathematics prerequisite: Yes  
Assumed knowledge: Mathematics Advanced or Mathematics Extension 1; other assumed knowledge depends on commerce subjects chosen

**Course description**  
Designing the digital world is big business. This combined degree will develop your knowledge and skills in computing while cultivating business expertise. It combines practical learning with industry opportunities to launch your career as a leader of innovation and business transformation.

**Programs, majors and minors**  
Refer to B Advanced Computing and B Commerce. You will choose one major from each degree. You will also have access to the Open Learning Environment to broaden your skills and explore other areas of study.

**Career possibilities**  
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.

### Combining this degree with  
B Commerce, B Science, B Science (Health), B Science (Medical Science)

## B Advanced Computing/B Science

### ATAR: 90  
IB: 34  
Enter: Feb/Aug  
Duration (full time): 5 years  
Dalyell by invitation  
Mathematics prerequisite: Yes  
Assumed knowledge: Mathematics Advanced or Mathematics Extension 1; other assumed knowledge depends on the science areas or programs studied

**Course description**  
Redefine the digital and physical landscape. This combined degree will develop your technical skills in computing 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.

**Programs, majors and minors**  
Refer to B Advanced Computing and B Science. You will choose one major from each degree. You will also have access to the Open Learning Environment to broaden your skills and explore other areas of study.

**Career possibilities**  
Computer programmer, geophysicist, information services management, mathematician, microbiologist, software engineer, systems analyst, web development and management.

### Combining this degree with  
B Commerce, B Science, B Science (Health), B Science (Medical Science)

## B Advanced Computing/B Science (Health)

### ATAR: 90  
IB: 34  
Enter: Feb/Aug  
Duration (full time): 5 years  
Dalyell by invitation  
Mathematics prerequisite: Yes  
Assumed knowledge: Mathematics Advanced or Mathematics Extension 1; refer to B Science (Health)

**Course description**  
Transform the health industry and beyond. This combined degree will develop your technical skills in computing 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.

**Programs, majors and minors**  
Refer to B Advanced Computing and B Science (Health). You will complete a major from the options available in the B Advanced Computing and the Health major. You will also have access to the Open Learning Environment to broaden your skills and explore other areas of study.

**Career possibilities**  
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.
### B Advanced Computing/B Science (Medical Science)

**ATAR:** 90  
**IB:** 34  
**Entry:** Feb/Aug  
**Duration (full time):** 5 years  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Advanced or Mathematics Extension 1, Chemistry and either Physics or Biology

**Course description:** Revolutionise the medical world. This combined degree will develop your knowledge and skills in computing. You will also gain foundational knowledge and research skills in medical science, biomedicine and bioinformatics and have access to the Open Learning Environment.

**Programs, majors and minors:** Refer to B Advanced Computing and B Science (Medical Science). You will choose one major from the options available in the B Advanced Computing and complete the stream in Medical Science, which requires a program in Medical Science, including a Medical Science major.

**Career possibilities:** 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.

### B Engineering Honours (Aeronautical)

**ATAR:** 92  
**IB:** 35  
**Entry:** Feb/Aug  
**Duration (full time):** 4 years  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 1 and Physics

**Course description:** Design and operate the aircraft of tomorrow. The B 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 degree will equip you for the aerospace industry’s next evolution. This engineering degree is embedded with our Professional Engagement Program, accredited by Engineers Australia.

**Programs, majors and minors:** If you are a high-achieving student with an ATAR of 99+ (or equivalent), you may apply to specialise in Space Engineering, Computational Engineering, Engineering Aerodynamics, Flight Data Analysis, Fluids Engineering. Specialising is optional.

**Career possibilities:** Design research and certification in the airline/aerospace industry, general engineering positions, and manufacturing and assembly.

### B Engineering Honours (Biomedical)

**ATAR:** 92  
**IB:** 35  
**Entry:** Feb/Aug  
**Duration (full time):** 4 years  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 1, Physics and/or Chemistry

**Course description:** Lead the revolution in lifesaving medical technology by developing comprehensive knowledge of all aspects of biomedical engineering. By combining multidisciplinary learning with collaborative projects and industry experience, you will acquire the knowledge and experience to launch a career in this rapidly growing branch of engineering. This degree is embedded with our Professional Engagement Program, accredited by Engineers Australia.

**Programs, majors and minors:** Students may be able to specialise in Biocomputation, Biomedical Modelling and Design, Bionics and Bioelectronics, Humanitarian Engineering, Nanoscale Biotechnology, Thermofluids. Specialising is optional.

**Career possibilities:** Clinical support specialist, instrumentation engineer, medical device assessor, patent examiner and field service engineer. Biomedical engineers design and manufacture implantable and external medical devices, including orthopaedic, cardiovascular and other electronic and surgical equipment.

### B Engineering Honours (Chemical and Biomolecular)

**ATAR:** 92  
**IB:** 35  
**Entry:** Feb/Aug  
**Duration (full time):** 4 years  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 1 and Chemistry

**Course description:** Lead positive change and improve lives. The B 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 current processes and address pressing environmental challenges. This engineering degree is embedded with our Professional Engagement Program, accredited by Engineers Australia.

**Programs, majors and minors:** Students may be able to specialise in Food and Bioprocessing, Water and Environmental Treatment Processes or Process Intensification. Specialising is optional.

**Career possibilities:** All sectors of the process industries, from primary resource industries through to fine chemicals and sophisticated manufacturing.

### For important information

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## Engineering and computer science courses

### B Engineering Honours (Civil)

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<tr>
<th>ATAR: 92</th>
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<tr>
<td>Entry: Feb/Aug</td>
<td>Duration (full time): 4 years</td>
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**Mathematics prerequisite**: Yes  
**Assumed knowledge**: Mathematics Extension 1 and Physics

**Course description**: Take a lead role in designing and transforming your world. Through practical and industry experiences, this degree develops the comprehensive ability to plan, design and test structures within the built and natural environments. A suite of embedded professional skill development activities will equip you to contribute to infrastructure that improves lives in Australia and worldwide.

**Career possibilities**: Aid worker, airport and harbour authorities, banks, construction and mining companies, engineering and infrastructure consultants, humanitarian engineer, town planner, project management and public works, sustainability specialist.

**Combine this degree with**: B Arts, B Commerce, B Design in Architecture, B Laws, B Project Management, B Science, B Science (Health), B Science (Medical Science)

**Programs, majors and minors**
- Professional Engagement Program, accredited by Engineers Australia.

**Specialising is optional.**

### B Engineering Honours (Dalyell Scholars)

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<th>ATAR: 98</th>
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<tr>
<td>Entry: Feb/Aug</td>
<td>Duration (full time): 4 years</td>
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**Dalyell by application**: Yes  
**Mathematics prerequisite**: Yes  
**Assumed knowledge**: Refer to the relevant engineering stream

**Course description**: Lead the next wave of engineering and information technology innovation. The Dalyell Scholars stream is open to engineering students who demonstrate outstanding academic ability. You will develop leadership and management expertise through a suite of enrichment opportunities, including specialised internships, distinctive units of study and paired mentoring with leaders in your chosen field. This degree has our Professional Engagement Program embedded into it.

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

**Programs, majors and minors**

**Specialising is optional.**

### B Engineering Honours (Electrical)

<table>
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<th>ATAR: 92</th>
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<tr>
<td>Entry: Feb/Aug</td>
<td>Duration (full time): 4 years</td>
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</table>

**Mathematics prerequisite**: Yes  
**Assumed knowledge**: Mathematics Extension 1 and Physics

**Course description**: Create a brighter future. The B 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 electronic devices, computers, communications systems and power systems that have, and continue to transform society. This degree is embedded with our Professional Engagement Program, accredited by Engineers Australia.

**Career possibilities**: Grid maintenance and stability contractor, industry power supply engineer, power transmission and generating systems engineering, specialised consulting companies and telecommunications.

**Programs, majors and minors**
- Consumers, Power Engineering or Transport Engineering.

**Specialising is optional.**

### B Engineering Honours (Flexible First Year)

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<th>ATAR: 92</th>
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<tbody>
<tr>
<td>Entry: Feb</td>
<td>Duration (full time): 4 years</td>
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</table>

**Mathematics prerequisite**: Yes  
**Assumed knowledge**: Mathematics Extension 1, Physics and/or Chemistry

**Course description**: Discover where your strengths lie. The B Engineering Honours (Flexible First Year) allows you to commence your studies with core subjects and then transfer into your engineering stream of choice at the end of your first semester. You will still complete your engineering degree in the normal time (four years). This degree has our Professional Engagement Program embedded into it.

**Career possibilities**: Refer to individual engineering streams for examples.

**Programs, majors and minors**
- Students may be able to specialise in Computer Engineering, Internet of Things, Intelligent Information Engineering, Power Engineering or Telecommunications Engineering. Specialising is optional.

**Specialising is optional.**
**B Engineering Honours (Mechanical)**

**ATAR:** 92  
**IB:** 35  
**Entry:** Feb/Aug  
**Duration (full time):** 4 years  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 1 and Physics  

**Course description**  
Design the machines that will engineer our future by developing 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. This degree is embedded with our Professional Engagement Program, accredited by Engineers Australia.

**Programs, majors and minors**  
If you are a high-achieving student with an ATAR of 99+ (or equivalent), you may apply to specialise in Space Engineering. Students not enrolled in Space Engineering may be able to specialise in Computational Engineering, Energy and the Environment, Engineering Design, Engineering Management, Fluids Engineering or Materials Science and Engineering. Specialising is optional.

**Career possibilities**  
Automated facilities, automatic control systems, biomedical implant design, building industry, design of automotive, underwater exploration and space vehicles, environmental pollution control, manufacturing industry, and mineral exploration.

**Combine this degree with**  
B Arts, B Commerce, B Laws, B Project Management, B Science, B Science (Health), B Science (Medical Science)

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**B Engineering Honours (Mechatronic)**

**ATAR:** 92  
**IB:** 35  
**Entry:** Feb/Aug  
**Duration (full time):** 4 years  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 1 and Physics  

**Course description**  
Lead the next generation of machine design. The B Engineering Honours (Mechatronic) combines mechanical, electronic and software engineering to enable you to create computer-controlled machines and consumer products. Our degree in mechatronic engineering is underpinned by industry experience and management training that could see you designing the smart systems of the future. This degree is embedded with our Professional Engagement Program, accredited by Engineers Australia.

**Programs, majors and minors**  
If you are a high-achieving student with an ATAR of 99+ (or equivalent), you may apply to specialise in Space Engineering. Students not enrolled in Space Engineering may be able to specialise in Robotics and Intelligent Systems. Specialising is optional.

**Career possibilities**  
Automatic control systems, product design and development, robotics and automation for advanced manufacturing, and software design and development for real-time computer systems.

**Combine this degree with**  
B Arts, B Commerce, B Laws, B Project Management, B Science, B Science (Health), B Science (Medical Science)

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**B Engineering Honours (Software)**

**ATAR:** 92  
**IB:** 35  
**Entry:** Feb/Aug  
**Duration (full time):** 4 years  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 1 and Physics  

**Course description**  
Create the software and games of tomorrow. Through the B Engineering Honours (Software) you will learn firsthand 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. This degree is embedded with our Professional Engagement Program, accredited by Engineers Australia.

**Program, majors and minors**  
Students may be able to specialise in Internet of Things, Computer Engineering or Intelligent Information Engineering. Specialising is optional.

**Career possibilities**  
Artificial intelligence, control systems, database management, information technology, internet programming, language compilers, multimedia and telecommunications software systems, real-time software engineering and reliable biomedical systems.

**Combine this degree with**  
B Arts, B Commerce, B Laws, B Project Management, B Science, B Science (Health), B Science (Medical Science)

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**B Engineering Honours with Space Engineering**

**ATAR:** 99  
**IB:** 42  
**Entry:** Feb/Aug  
**Duration (full time):** 4 years  
Dalyell by invitation  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 1 and Physics  

**Course description**  
Revolutionise the next generation of space exploration. An innovative program, specialising in Space Engineering covers all space-related activities, from ground operations to the design and construction of orbital bodies and explorative spacecraft. You will learn to tackle nature’s most unforgiving environment in a dynamic and continually evolving industry. This degree is embedded with our Professional Engagement Program, accredited by Engineers Australia.

**Programs, majors and minors**  
Specialising in Space Engineering is available to students in Aeronautical, Mechanical and Mechatronic streams - refer to the relevant stream. Specialising in Space Engineering covers studies in aerospace systems, electronic devices and circuits, orbital mechanics, space vehicle design, and systems engineering.

**Career possibilities**  
Along with career options from your chosen stream, you can apply your specialised knowledge of the space environment to careers in the aerospace, defence, environmental and research sectors.

**Combine this degree with**  
B Arts, B Commerce, B Laws, B Project Management, B Science, B Science (Health), B Science (Medical Science)
### B Engineering Honours/B Arts

**ATAR:** 92  
**IB:** 35  
**Entry:** Feb/Aug  
**Duration (full time):** 5 years  
**Dalyell by invitation**  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 1 and either Physics or Chemistry, depending on the Engineering stream; refer to the relevant stream  

**Course description:** 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 B Engineering Honours streams with a B Arts, where you will access the Open Learning Environment and the shared pool of majors, minors and electives. It is also embedded with our Professional Engagement Program, accredited by Engineers Australia.

**Programs, majors and minors:** In addition to the relevant B Engineering Honours stream requirements, you will take a major from B Arts.

**Career possibilities:** Refer to relevant B Engineering Honours stream and B Arts.

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### B Engineering Honours/B Commerce

**ATAR:** 96  
**IB:** 38  
**Entry:** Feb/Aug  
**Duration (full time):** 5 years  
**Dalyell by invitation**  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 1 and either Physics or Chemistry, depending on the engineering stream; refer to the relevant stream  

**Course description:** This combined degree is designed to extend the management component of the B Engineering Honours. You can combine any of the engineering streams with a B Commerce, where you will access the Open Learning Environment and the shared pool of majors, minors and electives. It is also embedded with our Professional Engagement Program, accredited by Engineers Australia.

**Programs, majors and minors:** In addition to the relevant B Engineering Honours stream requirements, you will take a major from B Commerce.

**Career possibilities:** Refer to relevant B Engineering Honours stream and B Commerce.

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### B Engineering Honours (Civil)/B Design in Architecture

**ATAR:** 95  
**IB:** 37  
**Entry:** Feb  
**Duration (full time):** 5 years  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 1 and Physics; for Architecture: English Advanced  

**Course description:** Design unique and innovative infrastructure. In the B Engineering Honours (Civil) and B Design in Architecture combined degree, you will learn to analyse the forces within a structure and design its skeleton to support these forces, complemented by the conceptual and aesthetic essentials of the design process. You will have access to electives drawn from across disciplines in arts, digital design, sustainability and urban design. It is also embedded with our Professional Engagement Program, accredited by Engineers Australia.

**Programs, majors and minors:** Refer to the B Engineering Honours (Civil) stream and B Design in Architecture for requirements.

**Career possibilities:** Aid worker, airport and harbour authorities, architect (with further study), architectural technology, banking, construction and mining, engineering and infrastructure consultants, humanitarian engineer, interior and spatial design, municipal councils, project management, property development, public works and urban design, sustainability specialist.

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### B Engineering Honours/B Project Management

**ATAR:** 92  
**IB:** 35  
**Entry:** Feb/Aug  
**Duration (full time):** 5 years  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 1 and either Physics or Chemistry, depending on the engineering stream; refer to the relevant stream  

**Course description:** 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 planning, executing projects, effective project communication, project analytics, conflict management, complex project coordination, and legal aspects of projects. You can combine any engineering stream with a B Project Management.

**Programs, majors and minors:** In addition to the relevant B Engineering Honours stream requirements, you will take a major from B Project Management.

**Career possibilities:** Refer to the relevant B Engineering Honours stream and B Project Management.
### B Engineering Honours/B Science

**ATAR:** 92  
**IB:** 35  
**Entry:** Feb/Aug  
**Duration (full time):** 5 years  
**Dalyell by invitation**

**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 1 and either Physics or Chemistry, depending on the Engineering stream; refer to the relevant stream; other assumed knowledge depends on the science programs or areas studied

**Course description**
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 B Science, where you will access the Open Learning Environment and the shared pool of majors, minors and electives. It is also embedded with our Professional Engagement Program, accredited by Engineers Australia.

**Programs, majors and minors**
In addition to the relevant B Engineering Honours stream requirements, you will take a major from B Science.

**Career possibilities**
Refer to the relevant B Engineering Honours stream and B Science.

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### B Engineering Honours/B Science (Health)

**ATAR:** 92  
**IB:** 35  
**Entry:** Feb/Aug  
**Duration (full time):** 5 years  
**Dalyell by invitation**

**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 1, Physics and/or Chemistry; other assumed knowledge depends on the science programs or areas studied

**Course description**
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 B Science (Health), where you will access the Open Learning Environment and the shared pool of majors, minors and electives. It is also embedded with our Professional Engagement Program, accredited by Engineers Australia.

**Programs, majors and minors**
In addition to the relevant B Engineering Honours stream requirements, you will complete a Health major in B Science (Health).

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### B Engineering Honours/B Science (Medical Science)

**ATAR:** 92  
**IB:** 35  
**Entry:** Feb/Aug  
**Duration (full time):** 5 years  
**Dalyell by invitation**

**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 1, Chemistry, and either Biology or Physics

**Course description**
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 B Science (Medical Science), where you will access the Open Learning Environment and the shared pool of majors, minors and electives. It is also embedded with our Professional Engagement Program, accredited by Engineers Australia.

**Programs, majors and minors**
In addition to the relevant B Engineering Honours stream requirements, you will complete a program in Medical Science, including a Medical Science major in B Science (Medical Science).

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### B Project Management

**ATAR:** 86  
**IB:** 31  
**Entry:** Feb/Aug  
**Duration (full time):** 3 years  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 1

**Course description**
This degree is unlike any other project management degree in Australia. It will provide you with the fundamental project management skills, theories and methods required in today’s complex business environment. Units of study include project planning, executing projects, effective project communication, project analytics, conflict management, complex project coordination, and legal aspects of projects.

**Programs, majors and minors**
Choose one major either from the project management options in construction or built environment, or from the shared pool of majors. Built Environment stream units are held within the University of Sydney School of Architecture, Design and Planning. You can also take a project management minor in People and Change, or Project Controls.

**Career possibilities**
Professional and management roles in property development, construction, mining, events, IT, banking and finance, state or federal government or in consultancy roles in engineering, water health or energy sectors.

**Combine this degree with**
B Engineering Honours
Studying law at Sydney will give you the skills in research, analysis and persuasive communication that will qualify you to be a successful lawyer. Your expertise will be highly transferable in the global marketplace.

“Sydney Law School has instilled in me a critical way of thinking to approach problems and issues. I was placed as an intern at the Shopfront Youth Legal Centre, a free legal service for disadvantaged youth and young people.

“This internship allowed me to develop my skills in dealing with clients, while helping me bridge the gap between my theoretical learning and practical skills.”

**Jared Webster**  
Senior Associate, Clayton Utz  
Bachelor of Economics and Bachelor of Laws (2013)  
Scholarships and activities: exchange trip to Vienna, Austria; intern at the Shopfront Youth Legal Centre; travelled to Japan for a mooting competition.

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*QS World University Rankings by Subject 2019

With more than 150 years of research-led education, we’re ranked 12th in the world for law.*

Study law in combination with an arts, commerce, economics, engineering or science degree.

– sydney.edu.au/courses/law
Create change in a global environment

At Sydney Law School, you will learn from globally recognised legal educators and highly respected professional practitioners. Together with another degree of your choosing, you will develop critical thinking skills, the capacity for deep, evidence-based analysis and problem-solving, and a thorough grounding in professional ethics. These skills are highly sought after in our graduates.

Our Bachelor of Laws (LLB) and Juris Doctor are the only Australian law degrees that require the completion of two units of study in international law. You can expand your studies through our overseas electives or study with one of our global partners, including Harvard, Cambridge, Oxford, the Sorbonne, Renmin and Tsinghua.

Our alumni can be found in legal and non-legal roles around the world and include prime ministers, High Court judges and a president of the World Bank.

Why study law here?

- Ranked 12th in the world for law,* we are one of the world’s leading law schools.
- Gain an internationally relevant legal education with overseas opportunities at one of our global partners, including our pathway programs with Oxford and Cambridge.
- Our social justice activities allow you to apply your classroom knowledge to real-world cases.
- Our purpose-built facilities include a dedicated Law Library and Moot Court, where you’ll get a taste of what it is like to engage in court proceedings.
- You will have opportunities to work on current projects and tackle real-world problems in partnership with business, the public sector and community organisations such as Community Legal Centres NSW, NSW Public Defenders, and Redfern Legal Centre.

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### Sample course structure: Bachelor of Arts/Bachelor of Laws

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<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Arts (Part A) major junior unit</td>
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<td>The Legal Profession</td>
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<td>Law elective^</td>
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</tbody>
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* Legal Research I and Legal Research II are zero credit point units but are compulsory examinable units that count towards the first degree in the combined law program.

** You may choose instead to take a maximum of two law electives and complete the remaining compulsory units in Year 5.

^ One law elective unit must be a jurisprudence unit.
Law courses

B Arts/B Laws

ATAR: 99.5
IB: 43
Entry: Feb
Duration (full time): 5 years
Dalyell by invitation
Assumed knowledge: Refer to B Arts: for B Laws: none

Course description
The B Laws provides you with a legal education that prepares you for the challenges of the modern legal world. Combining it with B Arts will help prepare you to meet the challenges of the modern workforce where expertise, inventiveness, logic and critical thinking come to the fore. B Arts/B Laws students have the exclusive opportunity to undertake majors in Media Studies and Global Studies as part of the University of Sydney’s undergraduate curriculum. You’ll also have access to the Open Learning Environment and electives from the shared pool.

Programs, majors and minors
Refer to B Arts. You will choose a major from the B Arts, which can include a Global Studies or Media Studies major, and electives from the B Arts or the shared pool.


Career possibilities
Refer to B Arts. For B Laws: solicitor, barrister, magistrate, judge, diplomacy, foreign affairs, human rights, international relations, investment banking, journalism, management consultancy, public policy.

B Commerce/B Laws

ATAR: 99.5
IB: 43
Entry: Feb
Duration (full time): 5 years
Dalyell by invitation
Mathematics prerequisite*: Yes
Assumed knowledge: Mathematics Advanced; other assumed knowledge depends on the first-year subjects selected; for B Laws: none

Course description
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 in-depth 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. You’ll also have access to the Open Learning Environment and electives from the shared pool.

Programs, majors and minors

Career possibilities
Refer to B Commerce. For B Laws: solicitor, barrister, magistrate, judge, diplomacy, foreign affairs, human rights, international relations, investment banking, journalism, management consultancy, public policy.

B Economics/B Laws

ATAR: 99.5
IB: 43
Entry: Feb
Duration (full time): 5 years
Dalyell by invitation
Mathematics prerequisite*: Yes
Assumed knowledge: Mathematics Advanced; for B Laws: none

Course description
The B Economics/B Laws provides you with a legal education that prepares you for the challenges of the modern legal world, while gaining a comprehensive understanding of the overall context of business and government, and the high level technical skills used to analyse economic and social data and events. Specialised career fields include compliance, securities regulation and economic analysis. As part of this degree, you’ll have access to the Open Learning Environment and electives from the shared pool.

Programs, majors and minors

Career possibilities
Refer to B Economics. For B Laws: solicitor, barrister, magistrate, judge, diplomacy, foreign affairs, human rights, international relations, investment banking, journalism, management consultancy, public policy.
B Engineering Honours/B Laws

**ATAR:** 99.5  
**IB:** 43  
**Entry:** Feb  
**Duration (full time):** 6 years  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 1 and either Physics or Chemistry, depending on the engineering stream; refer to the relevant stream; for B Laws: none

### Course description
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 B Laws.

### Programs, majors and minors

### Career possibilities
Refer to the relevant B Engineering Honours stream. For B Laws: solicitor, barrister, magistrate, judge, diplomacy, foreign affairs, human rights, international relations, investment banking, journalism, management consultancy, public policy.

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**B Science/B Laws**

**ATAR:** 99.5  
**IB:** 43  
**Entry:** Feb  
**Duration (full time):** 5 years  
**Dalyell by invitation**  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Advanced; other assumed knowledge depends on subjects chosen; for B Laws: none

### Course description
The B Science/B Laws introduces you to a broad range of fundamental science subjects, while also developing the knowledge needed to tackle the challenges of the modern legal world. In this five-year degree, you will spend the first three years undertaking a combination of science and law units, including your science major of choice. You will complete the remaining law units in your final two years where you can specialise in a particular area of law. The legal field needs professionals who can understand and translate complex science. You will graduate with a suite of specialist skills that will allow you to carve out a niche in the legal sector, including patents, intellectual property and even forensics.

### Programs, majors and minors

### Career possibilities
Refer to B Science and options below for science-specific careers: environmental lawyer, urban and regional planner, occupational health and safety specialist, forensic science technician, science policy specialist, technical specialist or associate undertaking intellectual property cases in science patents, copyright and trademark disputes. For B Laws: solicitor, barrister, magistrate, judge, diplomacy, foreign affairs, human rights, international relations, investment banking, journalism, management consultancy, public policy.
Pursue your passion in health and get ready for a career where you can make a difference to the lives of people and the future of health care. Choose from the largest range of health degrees of any Australian university and graduate with knowledge and skills that are in demand.

− sydney.edu.au/courses/medicine-and-health

**Join one of the fastest-growing sectors**

Around the world, healthcare professionals are in constant demand. At Sydney, you’ll learn from experts, academics and students from other disciplines to develop a range of invaluable skills, from patient interaction to teamwork, leadership and research.

Early on in your degree you will gain hands-on experience – from our modern simulation facilities to our clinical schools in urban and rural locations throughout NSW, or with our network of industry partners in Australia and overseas.

Our alumni combine scientific expertise with the ability to help people in all kinds of settings, from homes, clinics and hospitals, to crisis zones around the world.

“My undergraduate studies supported my transition into medicine by showing me the diversity of the health field. I studied in interdisciplinary classes alongside students in diagnostic radiography, occupational therapy and exercise physiology. When I received my MD offer, I knew my degree’s relevance and clinical placement provided me with the framework I needed for my future studies.”

_Raadee Mah_

Exercise and Sport Science student
Commencing Doctor of Medicine (2020)
**Why study medicine and health here?**
- We’re global leaders in health and many of our courses are ranked in the top 20 worldwide, including anatomy, exercise and sport, medicine, nursing and pharmacy.**
- In 2021, we will be opening the Susan Wakil Health Building. Based on our Camperdown Campus and located directly beside RPA Hospital, this new state-of-the-art health precinct will include simulation rooms, study spaces, lecture theatres, library facilities, seminar and learning studios as well as dedicated student meeting rooms.
- Our global partnerships give you the opportunity for clinical placements around the world, with two-thirds of our medical students taking an overseas placement.
- We offer several pathways into your dream career in health, including admission opportunities for students from rural and remote locations, diverse backgrounds and students looking to transition from an undergraduate degree into a postgraduate health field.

**Undergraduate courses in health**
We offer a wide range of undergraduate courses in health. Some degrees are tailored to a specific profession like nursing, while others are more flexible to provide a broad grounding in health. View our full list of courses on pages 58–62.

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**Sample course structure: Bachelor of Science (Health) with majors in Health and Human Movement**

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Introduction to Health and Health Care, Human Biology, Foundations of Data Science, Functional Musculoskeletal Anatomy A</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>Society and Health, Psychology, Introduction to Calculus and Introduction to Linear Algebra, Functional Musculoskeletal Anatomy A</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Innovations in eHealth, Radiological Anatomy and Pathology of the Chest, Working with, rather than on, communities, Muscle Adaptations to Use and Disuse, Neuroscience</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Health Promotion: Principles and Practice^, Health in Indigenous Populations^, Motor Control and Learning, Exercise Responses and Programming</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>Evidence Based Health Care^, Health, Ethics and the Law^, Disability, Sport and Social Inclusion, Biomechanics in Health or Anatomical Analysis of Exercise^</td>
</tr>
</tbody>
</table>

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**Postgraduate course options**
Are you still deciding on a career path but know you’re interested in health? If you complete undergraduate study in anything from arts to science, you can then move into a career in health with the below postgraduate study options.*** Better yet, you could complete a flexible degree like the Bachelor of Science in Health or Medical Science and then move into a program in medicine, dentistry or one of our other health disciplines.

**Postgraduate degrees in:**
- Dentistry
- Diagnostic Radiography
- Exercise Physiology
- Medicine
- Nursing
- Occupational Therapy
- Pharmacy
- Physiotherapy
- Public Health
- Rehabilitation Counselling
- Speech Pathology

Learn more:
- sydney.edu.au/pg-health

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**Note:** Course structure is indicative only. This degree follows a flexible study pattern. A variety of units can be selected depending on your chosen major and interests. Learn more about this course on page 71.

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* 2018 Graduate Outcomes Survey
** QS World University Rankings by Subject 2019
*** Individual courses have specific prerequisites. Please check the entry requirements.
**B Applied Science (Diagnostic Radiography)**

**Course description**
Learn the skills you need to produce world-class medical imaging and provide excellent patient care. In this degree, 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. This degree is accredited by the Medical Radiation Practice Board of Australia and is an approved program of study for general registration as a diagnostic radiographer.

**Career possibilities**
Diagnostic radiographer, with the opportunity to work in a range of settings, such as small regional clinics, large metropolitan imaging departments, and hospital emergency departments.

**Programs, majors and minors**
You will cover studies in anatomy, biological sciences, equipment and imaging techniques, image processing, pathology, physics, psychology and radiation biology.

**B Applied Science (Exercise and Sport Science)**

**B Applied Science/B Advanced Studies (Exercise and Sport Science)**

**Course description**
In this degree, you will develop your skills to integrate exercise and physical activity with disease prevention and the promotion of good health, rehabilitation, nutrition and sports performance. In the combined B Applied Science/B Advanced Studies (Exercise and Sport Science), you will extend your disciplinary expertise with a second major from the shared pool and in the fourth year undertake advanced coursework and a substantial industry, community, entrepreneurship or research project, or an honours project for high-achieving students. The University is seeking qualifying accreditation for this course, to enable graduates to register as an exercise scientist with Exercise and Sport Science Australia.

**Programs, majors and minors**
You will complete a major in Exercise Science, and a minor in Physical Activity and Health. You can also take electives or an optional major or minor from the shared pool. For the combined degree, you will additionally complete a practicum and a second major from the shared pool. You will also have access to the Open Learning Environment to broaden your skills and explore other areas of study.

**Career possibilities**
Exercise scientist, coach, personal trainer, strength and conditioning specialist. Our graduates find careers in the sport, fitness and health industries; work health and safety; injury prevention; public health; exercise rehabilitation; research and technology; education and health; and medical insurance.

**B Applied Science (Exercise Physiology)**

**Course description**
This degree 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 Sports Science Australia.

**Programs, majors and minors**
You will cover studies in biomechanics, clinical exercise practice, ergonomics, exercise physiology, functional anatomy, motor control and behaviour.

**Career possibilities**
Exercise physiologist. As an accredited exercise physiologist, you will have the opportunity to work across all sectors of health care, including cardiac rehabilitation, musculoskeletal rehabilitation, mental health, long-term rehabilitation following spinal cord injury, aging, occupational rehabilitation and programs for people with an intellectual disability.

**B Applied Science (Occupational Therapy)**

**Course description**
This degree 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. Graduates are eligible for membership of Occupational Therapy Australia and the World Federation of Occupational Therapists, and registration with the Occupational Therapy Board of Australia.

**Programs, majors and minors**
You will cover studies in human anatomy, medical sciences, neuroscience, occupational therapy theory and practice, psychology and social sciences. You will undertake a placement to gain valuable practical experience.

**Career possibilities**
Occupational therapist. The breadth of occupational therapy means you can diversify your career while staying within the same profession. For example, you could work one on one in rehabilitation with stroke or cancer survivors, then work with babies in a neonatal intensive care unit or young adults in a community mental health program.
B Applied Science (Physiotherapy)

ATAR: 99*
IB: 42*
Enter: Feb
Duration (full time): 4 years
Assumed knowledge: Chemistry and Physics

Course description
This degree will teach you how to assess, diagnose and treat people with movement problems caused by a wide variety of health conditions. You will also learn how to help people avoid injuries and maintain a fit and healthy body.

Programs, majors and minors
You will cover 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. You will undertake a placement to gain valuable practical experience.

Career possibilities
Physiotherapist. You can choose from a diverse range of physiotherapy and health promotion career options in both the public and private sectors, in settings such as healthcare organisations, sports, schools and community, and private practice.

Professional recognition
Upon graduation, you are eligible to apply for registration as a physiotherapist with the Physiotherapy Board of Australia.

B Applied Science (Speech Pathology)

ATAR: 93*
IB: 36*
Enter: Feb
Duration (full time): 4 years

Course description
Accredited by Speech Pathology Australia, this degree prepares you for professional practice as a speech pathologist. You will be involved in the assessment and treatment of communication and swallowing disorders in children and adults, including problems with speaking, listening, comprehension, reading and writing.

Programs, majors and minors
You will cover studies in anatomy, audiology, linguistics and language development, neurobiology, phonetics, psychology, research methods and speech pathology specialist areas (eg, aphasia, cleft palate, dysarthria, dysphagia, stuttering). You will undertake a placement to gain valuable practical experience.

Career possibilities
Speech pathologist, with the opportunity to work in diverse settings, including public and private hospitals, community health, mental health services, aged-care facilities, schools and disability services. As a speech pathologist graduate, you may also work in private practice, with the potential to operate your own business as a private practitioner.

B Arts/D Medicine

ATAR: 99.95* + other admission criteria
IB: 45* + other admission criteria
Entry: Feb
Duration (full time): 7 years
Dalyell by invitation
Mathematics prerequisite*: Yes
Assumed knowledge: Refer to B Arts

Course description
This double degree gives you the opportunity to study arts and social sciences before undertaking medicine. School leavers who have achieved exceptional results can 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 arts and social sciences, you will be better prepared for any career in medicine, from specialisation to research and teaching. In this degree, you will have an opportunity to become a Dalyell Scholar, in addition to access to the shared pool of majors, minors and electives and the Open Learning Environment to expand your interests.

Programs, majors and minors
Refer to B Arts. You will choose a major from the options available in the B Arts, and either a second major or a minor from these options or the shared pool. During the B Arts, you will also complete foundational knowledge units for medicine (in science), a zero-credit-point subject in medicine, and Open Learning Environment units. If you become a Dalyell Scholar, you will complete 12 credit points of distinctive Dalyell units designed to cultivate high-level graduate attributes.

Career possibilities
General practice, surgery or other specialties, research, pharmaceutical industry, forensic anthropologist, government policy officer, medical journalism, aid work, management consultancy, teaching, medical administration, medical communication.

B Arts/M Nursing

ATAR: 80
IB: 29
Entry: Feb
Duration (full time): 4 years
Assumed knowledge: Refer to B Arts

Course description
Make a lasting difference. This double degree develops analytical and critical capabilities alongside the skills and expertise you will need to become a registered nurse. It opens up a wide range of career opportunities across both clinical and non-clinical settings. During the M Nursing, you will undertake core units in nursing and more than 800 clinical placement hours in varied settings including emergency departments, paediatric units, mental health facilities and community health centres.

Programs, majors and minors
Refer to B Arts. You will choose a major from the B Arts and electives from those available in the B Arts or the shared pool. You’ll also have access to the Open Learning Environment. Focus areas for nursing include: acute care, aged care, chronic illness, clinical practice, Indigenous health, mental health care and management, pharmacology, physiology, professional practice, social and health policy.

Career possibilities
Registered nurse in a range of healthcare settings and highly employable in a range of non-clinical settings, including government, non-government organisations, business, education and research.

Professional recognition
Nursing and Midwifery Board of Australia
## B Nursing (Advanced Studies)

**ATAR:** 84  
**IB:** 31  
**Entry:** Feb  
**Duration (full time):** 3 years

**Course description:** Provide high-quality care and change lives. The B Nursing (Advanced Studies) helps you develop 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 health care.

**Programs, majors and minors:** 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, primary health care, professional practice, social and health policy.

**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.

**Professional recognition:** Nursing and Midwifery Board of Australia

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## B Oral Health

**ATAR:** 83* + interviews  
**IB:** 30* + interviews  
**Entry:** Feb  
**Duration (full time):** 3 years

**Course description:** Through theoretical and clinical learning sessions, the B Oral Health equips you with the required knowledge, clinical skills and experience to deliver periodontal assessment and non-surgical, simple restorative treatment, and oral health education and promotion to patients (of all ages) and communities. Fully accredited by the Australian Dental Council, graduates are eligible for registration with the Dental Board of Australia and are licensed with the Environmental Protection Authority to use diagnostic radiation.

**Programs, majors and minors:** Your studies will include dental hygiene and dental therapy service, and oral health promotion.

**Career possibilities:** Oral health therapist, dental hygienist, dental therapist, community oral health educator/consultant/advocate.

**Professional recognition:** Australian Dental Council, Dental Board of Australia

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## B Pharmacy

**ATAR:** 90  
**IB:** 34  
**Entry:** Feb  
**Duration (full time):** 4 years  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Advanced and Chemistry

**Course description:** Pharmacists are an integral part of the healthcare system and have the capacity to directly affect peoples’ lives and lifestyles. In this course you will develop a comprehensive understanding of how drugs are developed, how medications affect the human body and how to work as part of a greater healthcare team. Combining hands-on learning and clinical experience, this degree is your pathway to becoming a registered pharmacist.

**Programs, majors and minors:** Completion of a major is not a requirement in this degree. Your studies will include biology, medicinal chemistry, pharmaceutical sciences, pharmacetics, pharmacology and pharmacy practice. In the final year, you will have the option to complete studies in either industrial pharmacy (consisting of an extended professional placement) or international pharmacy, which provides an opportunity to participate in an international exchange.

**Career possibilities:** Pharmacist. A wide variety of career choices are open to registered pharmacists in community pharmacy (community practical), hospital pharmacy, research positions within universities or research institutes, or positions in the pharmaceutical industry in drug production, marketing or drug development.

**Professional recognition:** The degree is accredited by the Australian Pharmacy Council and leads to registration as a pharmacist with the Pharmacy Board of Australia.
B Pharmacy and Management

**Course description**
This degree interweaves the B Pharmacy with business studies to help you develop the commercial and communication skills necessary to thrive in a changing and competitive healthcare landscape. Pharmacists are an integral part of the healthcare system and play a vital and important role in healthcare provision. In this course you will develop a comprehensive understanding of how drugs are developed, how medications affect the human body and how to work as part of a greater healthcare team. Combining hands-on learning and clinical experience, this is your pathway to becoming a registered pharmacist, but with a difference.

**Programs, majors and minors**
Completion of a major is not a requirement in this degree. Your studies will include biology, medicinal chemistry, pharmaceutical sciences, pharmaceutics, pharmacology and pharmacy practice as well as business. In the final year, you will have the option to complete studies in either industrial pharmacy (consisting of an extended professional placement) or international pharmacy, which provides an opportunity to participate in an international exchange.

**Career possibilities**
Pharmacist. A wide variety of career choices are open to registered pharmacists in community pharmacy (community practice), hospital pharmacy, research positions within universities or research institutes, or positions in the pharmaceutical industry in drug production, marketing or drug development. The management component of this course will give you the skills required to run your own business.

**Professional recognition**
The degree is accredited by the Australian Pharmacy Council and leads to registration as a pharmacist with the Pharmacy Board of Australia.

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B Science/D Dental Medicine

**Course description**
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 a four-year Doctor of Dental Medicine. If you become a Dalyell Scholar, you will have the opportunity to study science and dentistry, but with a difference. You will have an opportunity to become a Dalyell Scholar, in addition to access to the shared pool of majors, minors and electives and units from the Open Learning Environment to expand your interests. This degree is delivered by the Faculty of Science and School of Dentistry.

**Programs, majors and minors**
During the B Science study, you could choose a wide range of majors and minors from across the sciences. Refer to B Science. You will also complete foundational knowledge units for biology and a zero-credit-point unit of independent learning activity related to dentistry and oral health. If you become a Dalyell Scholar, you will complete 12 credit points of distinctive Dalyell units designed to cultivate high-level graduate attributes. For the Doctor of Dental Medicine, you will study integrated clinical dentistry and life sciences, and also conduct a research project related to dentistry and oral health.

**Career possibilities**
Dentist in private practice, public service (hospitals, schools, health departments), defence forces, oral health researcher, academic careers, and a variety of specialisation options upon completion of professional and research experience.

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B Science/D Medicine

**Course description**
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 a four-year Doctor of Medicine (MD). With a deeper understanding of the scientific fundamentals that underpin medicine, you will be better prepared for any career in medicine, from specialisation to research and teaching. In this degree, you will have an opportunity to become a Dalyell Scholar, in addition to access to the shared pool of majors, minors and electives and units from the Open Learning Environment to expand your interests. This degree is delivered by the Faculty of Science and the University of Sydney Medical School.

**Programs, majors and minors**
Refer to B Science. You may elect to complete the Medical Science stream or choose from a wide range of majors from across the sciences and either a second major or minor from science or the shared pool. During the B Science, you will also complete foundational knowledge units for medicine (in science) and Open Learning Environment units. If you become a Dalyell Scholar, you will complete 12 credit points of distinctive Dalyell units designed to cultivate high-level graduate attributes. You will also have access to a suite of additional enrichment opportunities. 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.

**Career possibilities**
General practice, surgery or other specialities, research, pharmaceutical industry, management consultancy, teaching, medical administration, medical communication.
**B Science/M Nursing**

**Course description**
Become a leader in health care and nursing. The double B Science and M 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. During the M Nursing, you will undertake more than 800 clinical placement hours in varied settings including emergency departments, paediatric units, mental health facilities and community health centres.

**Programs, majors and minors**
You will complete a major in Health within the Health stream, a second major and Open Learning Environment units. Focus areas for nursing include: 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.

**Career possibilities**
Registered nurse in a range of healthcare settings with the ability to use your knowledge of science in health issues such as infectious and non-communicable diseases, infection control, anatomy, physiology and biomedical science, pharmacology and research.

**Professional recognition**
Nursing and Midwifery Board of Australia

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**B Science (Health)/M Nursing**

**Course description**
Pioneer healthcare innovations and transform lives. This double degree provides a thorough grounding in health and health systems at local, national and global levels, while developing the knowledge, skills and experience to become a registered nurse. During the M Nursing, you will undertake more than 800 clinical placement hours in varied settings including emergency departments, paediatric units, mental health facilities and community health centres.

**Programs, majors and minors**
You will complete a major in Health within the Health stream, a second major and Open Learning Environment units. Focus areas for nursing include: 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.

**Career possibilities**
Registered nurse in a range of healthcare settings. You can apply your knowledge of health systems in industries supporting health care, including e-health, mental health, industrial relations and management.

**Professional recognition**
Nursing and Midwifery Board of Australia

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**Additional admission criteria**

**DENTISTRY**

**Bachelor of Science/Doctor of Dental Medicine**

Admission is based on: ATAR or equivalent and satisfactory performance in an assessment process comprised of a written assessment and a panel discussion.

Applicants are only eligible for admission to the first available course intake following receipt of final results. Find out more about eligibility and how to apply at sydney.edu.au/dentistry/dddp.

There are separate requirements for progression to the Doctor of Dental Medicine component of the double degree. For details, visit the course page: sydney.edu.au/medicine-health/doctor-of-dental-medicine.

**MEDICINE**

**Bachelor of Arts/Doctor of Medicine**

Our graduate entry option is available if you already have a bachelor’s degree. You should start the application process at least 12 months in advance. sydney.edu.au/dentistry/dddp.

**Bachelor of Science/Doctor of Medicine**

Admission to the double degree medicine pathway is based on: ATAR or equivalent and satisfactory performance in an assessment process including a written assessment and a panel discussion.

Applicants are only eligible for admission to the first available course intake following receipt of final results. Find out more about eligibility and how to apply at sydney.edu.au/medicine/ddmp.

There are separate requirements for progression to the Doctor of Medicine component of the double degree. For details, visit the course page: sydney.edu.au/medicine-health/doctor-of-medicine.

* ATAR/IB scores indicative ATAR/IB scores with an asterisk are indicative only and not guaranteed in 2021.
Dalyell Scholars courses see page 14-15

Assumed knowledge and prerequisites see page 76

∆ Mathematics prerequisite see page 76

For important information see page 76
MUSIC

Be challenged, inspired and engaged as a 21st century musician in our vibrant community of musicians, researchers and educators.

Sydney Conservatorium of Music has been at the centre of Sydney’s cultural life for more than 100 years. Through our flexible courses, you can focus on diverse areas such as music composition for creative industries or the concert hall, digital music and media, contemporary music, jazz, musicology, performance or music education.

– sydney.edu.au/courses/music

“The Con is one of the most prestigious music institutions in Australia, with a wide range of facilities. My advice to any prospective student is to simply go for it, work hard and support your peers whenever you possibly can. I believe the opportunities we gain from studying are what we make of them.”

Anna Da Silva Chen
Bachelor of Music (Performance) (2018)
Immerse yourself in music

From Haydn to hip-hop, jazz, film scores and music for theatre, new media and games, you can enjoy great depth and breadth of musical study that will prepare you for a wide range of careers.

Music can take you all over the world: performing in orchestras, conducting operas, playing in a rock band, working in musical theatre or teaching music.

By focusing on one area of expertise or exploring a range of subjects across the University, you can expand your creative thinking and musical tastes and hone your listening, playing and analytical skills.

There are plenty of opportunities to perform or have your work performed. Joining one of our ensembles (for example, Wind Orchestra, Choir, Jazz Big Band, Gamelan, Chinese Music Ensemble, Modern Music Ensemble and Repertoire Orchestra) can count towards your credit points.

We offer mentoring from industry leaders to help you build the foundations of your career. We also collaborate with leading overseas music conservatories and universities, allowing you to go on exchange, collaborate on short-term projects and learn from international artists.

Our graduates include outstanding musicians, composers, teachers, scholars and members of bands and orchestras around the world.

At the Conservatorium, you will form musical partnerships that last a lifetime.

Why study music here?

- The Conservatorium offers some of the best facilities for studying music in the Asia-Pacific region and is just a short stroll from the Sydney Opera House.
- We have a proud history of musical excellence coupled with a future-focused approach to teaching music.
- We offer a range of electives, flexible study options, and a variety of training opportunities.
- Learn from award-winning scholars and acclaimed musicians with contacts in the music industry around the world.
- We have research and teaching expertise in performance and composition, musicology, music education, and Indigenous and Asian ethnomusicology.
- We offer opportunities to study and perform overseas.
- We offer more than $1.5 million every year in merit and equity scholarships.

Sample course structure: Bachelor of Music (Performance)

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Principal Study 1</td>
</tr>
<tr>
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<td></td>
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<td></td>
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<td>Principal Study 3 (extended)</td>
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<td>1</td>
<td>Principal Study 7 (extended)</td>
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<tr>
<td></td>
<td>2</td>
<td>Principal Study 8 (extended)</td>
</tr>
</tbody>
</table>

- Major
- Core elective
- Elective
- Music project or Industry and Community Placement Unit (ICPU)

Note: Course structure is indicative only.
### Music courses

#### B Music

**ATAR:** 70* + audition  
**IB:** 25* + audition  
**Entry:** Feb  
**Duration (full time):** 4 years  
**Assumed knowledge:** Music 1 or equivalent  

**Course description**  
The four-year course is designed for students who want to build their experience of current approaches to music, in terms of creating and understanding music and its place in society. This degree enables you to develop as a musician through the acquisition of an integrated body of knowledge, skills and ways of thinking about music. It also allows you to undertake a second major in either another music discipline, or other units of study from across the University through the shared pool of majors and minors.

**Programs, majors and minors**  
You will choose from the following programs: Contemporary Music Practice; Composition for Creative Industries; Digital Music and Media; or a major in Musicology. You may also take an optional major or electives from the shared pool and the Open Learning Environment.

**Career possibilities**  
These depend on the areas of study 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.

#### B Music (Composition)  
**B Music/B Advanced Studies (Composition)**

**ATAR:** 70* + audition  
**IB:** 25* + audition  
**Entry:** Feb  
**Duration (full time):** 4 years  
**Assumed knowledge:** Music 2 or equivalent  

**Course description**  
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.

**Programs, majors and minors**  
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 compositional techniques and analysis, instrumentation and orchestration, music theory and aural training, and historical and cultural studies. In the combined B Music/B Advanced Studies (Composition) you will complete a major from the shared pool and units from the Open Learning Environment. In the fifth year, you will undertake advanced coursework and a substantial real-world industry, community, entrepreneurship project, or an honours project.

**Career possibilities**  
Composer.

#### B Music (Music Education)

**ATAR:** 70* + other admission criteria  
**IB:** 25* + other admission criteria  
**Entry:** Feb  
**Duration (full time):** 4 years  
**Assumed knowledge:** Music 2 or equivalent  
**Prerequisites:** NSW Education Standards Authority (NESA) requirement of Band 5 in three HSC subjects, one of which needs to be English (Standard or Advanced) or equivalent. See page 42.

**Course description**  
Music educators train the musicians of tomorrow. The Music Education stream 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, Musicology or Composition.

**Programs, majors and minors**  
Music education, plus instrument, voice or academic study selected from Classical Music, Jazz Studies, Historical Performance, non-Western instruments, Composition, Contemporary Music Practice, or Musicology. Studies are also undertaken in analysis, history and cultural studies, and music skills (aural perception, harmony and analysis).

**Career possibilities**  
Classroom music teacher, private music teacher, conductor, orchestral musician, chamber musician, concert soloist.

**Professional recognition**  
The NSW Education Standards Authority, NSW Department of Education and Communities, Association of Independent Schools of NSW, Catholic Education Office.

#### B Music (Performance)  
**B Music/B Advanced Studies (Performance)**

**ATAR:** 70* + audition  
**IB:** 25* + audition  
**Entry:** Feb/Aug  
**Duration (full time):** 4 years (single)/5 years (combined)  
**Assumed knowledge:** Music 2 or equivalent  

**Course description**  
This internationally regarded degree produces performers of the highest calibre. You will combine your chosen principal study with orchestral studies and chamber music, and core studies. 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, designed to push your creative and performative abilities to the next level.

**Programs, majors and minors**  
You will take an instrumental or vocal principal study from either classical music, jazz, historical performance, non-western music or drum set. In addition, you will complete core studies in music skills and analysis, history, culture, performance, ensemble studies and pedagogy. In the combined B Music/B Advanced Studies (Performance), you will complete a major from the shared pool and units from the Open Learning Environment. In the fifth year, you will undertake advanced coursework and a substantial real-world industry, community, entrepreneurship project, or an honours project.

**Career possibilities**  
Concert soloist, musician, private music teacher, orchestral musician, chamber musician, concert entrepreneur, arts manager.

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**Additional admission criteria**  
For admission to the Sydney Conservatorium of Music, you will also be assessed based on an audition or portfolio and interview. An audition fee applies. You may then be invited to an audition and/or interview. For more on requirements and deadlines, visit sydney.edu.au/music/admission. For the Bachelor of Music (Music Education), also see requirements under Education (see page 42).

**Music degrees**  
The admission criteria for Music degrees (excluding Music Education) are currently under review and may be subject to change for students applying to start from 2021 onwards. For updates to 2021 admissions criteria, refer to the relevant course at sydney.edu.au/courses.

* ATAR/IB scores indicative ATAR/IB scores with an asterisk are indicative only and not guaranteed in 2021.
At Sydney, we’ve united our expertise in areas like psychology, food science, mathematics and nanoscience, as well as animal and human health, to offer you the broadest possible choice. From biology and chemistry to physics and geosciences, you can build a degree around your interests with us.

“I love looking down a microscope into a completely different world — one that is invisible to the naked eye, yet has a vast impact on our lives. Don’t come into university with a rigid mindset, but allow yourself to discover and seek the path of learning that is most interesting to you.”

Liam Ferguson
Science (majoring in microbiology)
Think big: a world of opportunity

Science has always been at the centre of humanity’s attempts to understand the world and make it a better place, but never has the rate of advancement been as rapid or as exciting as it is now. Studying science at Sydney can take you from unravelling the mysteries of the cosmos to creating new materials or feeding the world. Be part of the global solution to water, energy and sustainability issues and tackle other real-world problems that impact on millions of lives. You could even become a leader in wildlife conservation through our degree in partnership with Taronga Conservation Society Australia.

Science inspires curiosity, cultivates a love for learning and fosters strong problem-solving skills. At Sydney, you can combine your study of science with other disciplines, such as music, history or languages. There are plenty of opportunities to diversify your degree, especially in combination with the Bachelor of Advanced Studies and modular Open Learning Environment units.

Why study science here?

- Study in some of the world’s best scientific facilities, including Sydney Nano, the Charles Perkins Centre, our Veterinary Hospital and Clinic or the Plant Breeding Institute.
- A range of study options including flexible liberal studies degrees and professionally accredited programs in psychology, nutrition and dietetics, and veterinary medicine.
- Take your learning beyond the classroom with exciting research projects and international field trips.
- You will be supported from your first day on campus through our transition and mentoring programs.

Sample course structure:
Bachelor of Science/Bachelor of Advanced Studies with majors in Environmental Studies and Data Science

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Unit of study</th>
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<tr>
<td>1</td>
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<td>Earth, Environment and Society</td>
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<td>Environmental Studies selective</td>
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<tr>
<td>2</td>
<td>1</td>
<td>Concepts in Environment and Resource Economics</td>
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<tr>
<td></td>
<td>2</td>
<td>Environmental and Resource Management</td>
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<td>2</td>
<td>Environmental Studies Project</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Research, community, industry or entrepreneurship project</td>
</tr>
</tbody>
</table>

Note: Course structure is indicative only.
### Science courses

#### B Liberal Arts and Science

**ATAR:** 70  
**IB:** 25  
**Entry:** Feb/Aug  
**Duration (full time):** 3 years  
**Assumed knowledge:** Depends on the major undertaken or units of study  

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**Course description**

With its flexibility and huge choice of majors, the B Liberal Arts and Science programme 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.

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**Programs, majors and minors**

You will complete one major in either science or arts, and a sequence in the other. (Similar to the structure of a minor, a `sequence' consists of six units of study.)

**Arts majors include:** American Studies; Ancient Greek; Ancient History; Anthropology; Arabic Language and Cultures; Archaeology; Art History; Asian Studies; Biblical Studies and Classical Hebrew; Chinese Studies; Criminology; Cultural Studies; Digital Cultures; Economics; Economic Policy; Econometrics; English; Environmental, Agricultural and Resource Economics; 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; Socio-legal Studies; Sociology; Spanish and Latin American Studies; Studies in Religion; Theatre and Performance Studies.

**Science majors include:** Anatomy and Histology; Animal Health; Disease and Welfare; Animal Production; Applied Medical Science; 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; Immunology and Pathology; Infectious Diseases; Information Systems; Marine Science; Mathematics; Medicinal Chemistry; Microbiology; Nutrition Science; Pharmacology; Physics; Psychology; Plant Production; Psychological Science; Psychology (program) Quantitative Life Sciences; Software Development; Soil Science and Hydrology; Statistics.

#### B Psychology

**ATAR:** 95*  
**IB:** 37*  
**Entry:** Feb  
**Duration (full time):** 4 years  
**Dalyell by invitation**  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Advanced  

---

**Course description**

The B Psychology is ideal for students who know 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.

---

**Programs, majors and minors**

You will complete a program in Psychology, a minor from the shared pool and electives from either B Science Table A, the shared pool or the Open Learning Environment. You will then undertake honours units in psychology.

#### B Science

**B Science/B Advanced Studies**

**ATAR:** 80  
**IB:** 29  
**Entry:** Feb/Aug  
**Duration (full time):** 3 years  
**Dalyell by invitation**  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Advanced or Mathematics Extension 1; other assumed knowledge depends on subjects chosen.

---

**Course description**

A science degree opens up a world of opportunity. Whether you dream about working at the forefront of research – learning how to analyse and think critically – or want to help make the planet a better place, the B Science will give you highly sought-after skills. It will equip you with the breadth and depth of knowledge and the critical analytical skills to pursue an extensive range of established and emerging careers. It will prepare you for the jobs of the future. In the combined B Science/B Advanced Studies, in the fourth year you will undertake advanced coursework and a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

---

**Programs, majors and minors**

You will choose Open Learning Environment units, one major from the options below and either a second major (mandatory for the B Science/B Advanced Studies) or a minor from these options or from the shared pool: Agroecosystems (program); Anatomy and Histology; Animal Health, Disease and Welfare; Animal Production; Applied Medical Science; Biochemistry and Molecular Biology; Biology; Cell and Developmental Biology; Chemistry; Computer Science; Data Science; Ecology and Evolutionary Biology; Environmental Science (program); Environmental Studies; Financial Mathematics and Statistics; Food Science; Genetics and Genomics; Geography; Geology and Geophysics; History and Philosophy of Science; Immunology (minor); Immunology and Pathology; Infectious Diseases; Information Systems; Marine Science; Mathematical Sciences (program – available for ATAR 98+ or equivalent); Mathematics; Medicinal Chemistry; Microbiology; Neuroscience (program); Nutrition Science; Pathology (minor); Pharmacology; Physics; Psychology; Plant Production; Plant Science (minor only); Psychological Science; Psychology (program) Quantitative Life Sciences; Software Development; Soil Science and Hydrology; Statistics; Virology (minor only).

#### Career possibilities

**B Psychology**

Clinical psychologist (with additional study), neuroscientist, organisational psychologist, research executive, social psychology researcher, learning and attention researcher.

**Professional recognition**

Provisional accreditation with the Australian Psychology Accreditation Council

---

**B Science/B Advanced Studies**

**Career possibilities**

Agricultural scientist, astronomer, biosecurity researcher, ecologist, environmental policymaker, food chemistry analyst, foreign affairs and trade officer, geologist, government policy officer, historian, heritage specialist, human resources manager, hydrologist, information specialist, journalist, language specialist, media and communications adviser, museum or gallery curator, plant geneticist, researcher, scientist, sociologist.
B Science/B Advanced Studies (Dalyell Scholars including Mathematical Sciences)

**ATAR:** 98  
**IB:** 40  
**Entry:** Feb/Aug  
**Duration (full time):** 4 years  
**Dalyell by invitation**  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Advanced or Mathematics Extension 1; other assumed knowledge depends on subjects chosen  

---

**Course description**  
As a Dalyell Scholar in B Science/B Advanced Studies, you have the opportunity to cultivate scientific expertise alongside the essential critical and analytical skills necessary to navigate today’s dynamic world. Your studies throughout the sciences will be complemented by distinctive Dalyell units and enrichment opportunities. During this degree you will combine studies from a range of disciplines in the shared pool. In the final year, you will undertake advanced coursework and a substantial real-world industry, community, entrepreneurship or research project, or an honours project. Dalyell Scholars can undertake a Mathematical Sciences program to combine their interest in mathematics with other areas of science and technology.

**Career possibilities**  
Agricultural scientist, astronomer, biosecurity researcher, ecologist, environmental policymaker, food chemistry analyst, hydrologist, investment banker, journalist, mathematician, medical scientist, nanoscientist, nutritionist (after further study), psychologist (after further study), plant geneticist, soil scientist.

---

**Programs, majors and minors**  
Refer to B Science/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 a suite of additional enrichment opportunities, including mentoring, professional skill development and the option for a global mobility experience. You’ll also complete units from the Open Learning Environment.

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**B Science (Health)**  
**B Science/B Advanced Studies (Health)**

**ATAR:** 80  
**IB:** 29  
**Entry:** Feb/Aug  
**Duration (full time):** 3 years (single)/4 years (combined)  
**Dalyell by invitation**  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Advanced or Mathematics Extension 1; for the Human Movement major: Chemistry  

---

**Course description**  
Health is one of Australia’s fastest-growing sectors. This course provides a thorough grounding in health and health systems at 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. This course will provide you with a comprehensive understanding of health that you can tailor to suit your own interests. In the Advanced Studies option, you will undertake advanced coursework and a substantial real-world industry, community, entrepreneurship or research project, or an honours project in the fourth year. These courses are an ideal option for those who want to pursue further study to become an allied health professional.

**Programs, majors and minors**  
You are required to complete the Health major in this stream. You will complete a second major (mandatory for B Science (Health)/B Advanced Studies) or minor from those available in the B Science, including Human Movement, or from the shared pool.

---

**Career possibilities**  
Health promotion, policymaking, healthcare administration, project and case management, insurance, business development, marketing and public relations, research assistant, sports and conditioning consultant.

**Combine B Science (Health) with**  
B Advanced Computing, B Engineering Honours, M Nursing

---

**B Science (Medical Science)**  
**B Science/B Advanced Studies (Medical Science)**

**ATAR:** 90  
**IB:** 34  
**Entry:** Feb/Aug  
**Duration (full time):** 3 years (single)/4 years (combined)  
**Dalyell by invitation**  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Advanced or Mathematics Extension 1. Chemistry and either Physics or Biology  

---

**Course description**  
With the rise of personalised medicine, an increase in jobs in the broad medical and health sciences is predicted. 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. For the combined Advanced Studies degree, in your fourth year you will undertake advanced coursework and a substantial research, community, industry or entrepreneurship project, or an honours option.

**Programs, majors and minors**  
This stream requires completion of a program in Medical Science, including a Medical Science major. You will complete a second major (mandatory for B Science (Medical Science)/B Advanced Studies) or minor from those available in the B Science or from the shared pool. You’ll also complete units from the Open Learning Environment.

---

**Career possibilities**  
Medical researcher, pathologist, doctor (with further study), dentist (with further study), histologist, physiologist, microbiologist, biochemist, biomedical device designer, anatomy researcher, infectious diseases researcher, geneticist.

**Combine B Science (Medical Science) with**  
B Advanced Computing, B Engineering Honours, D Medicine
and business. This combination of disciplines will give you the desirable and distinct set of skills and knowledge that are in high demand in Australia's rapidly growing food and beverage sector. In this degree, you will undertake advanced coursework and have access to the Open Learning Environment. During this degree you will combine studies from a range of disciplines in the shared pool. In the final year, you will undertake advanced coursework and a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

**Programs, majors and minors**

Refer to B Science/B Advanced Studies. Majors with advanced units of study include: Anatomy and Histology; Applied Medical Science; Biochemistry and Molecular Biology; Cell and Developmental Biology; Chemistry; Computer Science; Data Science; Ecology and Evolutionary Biology; Environmental Studies; Financial Mathematics and Statistics; Genetics and Genomics; Geography; Geology and Geophysics; Immunology and Pathology; Infectious Diseases; Marine Science; Mathematics; Medicinal Chemistry; Microbiology; Neurosciences; Nutrition Science; Pharmacology; Physics; Physiology; Psychological Science; Qualitative Life Sciences; Statistics. A second major must also be taken from these options or from the shared pool. You will also complete Open Learning Environment units.

**Career possibilities**

Agricultural scientist, astronomer, biosecurity researcher, ecologist, environmental policymaker, food chemistry analyst, hydrologist, investment banker, journalist, mathematician, medical scientist, nanoscientist, nutritionist (after further study), psychologist (after further study), plant geneticist, soil scientist, veterinarian (after further study).

---

**B Science/B Advanced Studies (Agriculture)**

**Course description**

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, this degree will give you the highly-sought-after skills for a huge range of careers. During this degree, you will combine studies from a range of disciplines in the shared pool. In the final year, you will undertake advanced coursework and a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

**Programs, majors and minors**

This stream requires completion of a program in Agriculture, including a major in Animal Production, Plant Production or Soil Science and Hydrology. You will also complete a second major from those available in the B Science or from the shared pool.

---

**B Science/B Advanced Studies (Animal and Veterinary Bioscience)**

**Course description**

To further your passion for animal biology, this degree 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. In the final year, you will undertake advanced coursework and a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

**Programs, majors and minors**

This stream requires completion of a program in Animal and Veterinary Bioscience, including an Animal and Veterinary Bioscience major. You will complete a second major from those available in the B Science or from the shared pool.

---

**B Science/B Advanced Studies (Food and Agribusiness)**

**Course description**

This degree will introduce you to the study of both food science and business. This combination of disciplines will give you the desirable and distinct set of skills and knowledge that are in high demand in Australia's rapidly growing food and beverage sector. In this degree, you will undertake advanced coursework and have access to the Open Learning Environment. During this degree you will combine studies from a range of disciplines in the shared pool. In the final year, you will undertake advanced coursework and a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

**Programs, majors and minors**

This stream requires completion of a program in Food and Agribusiness, including a major in Food Science and a second major from the list below. You'll also complete units from the Open Learning Environment. Majors include: Accounting; Environmental, Agricultural and Resource Economics; Banking; Business Analytics; Business Information Systems; Business Law; Econometrics; Economic Policy; Economics; Finance; Financial Economics; Industrial Relations and Human Resource Management; International Business; Management; Marketing.

**Career possibilities**

Agribusiness consultant, food chemist, food safety specialist, food technologist, laboratory technician, market researcher, product/process developer, quality assurance manager, procurement officer, regulatory affairs officer, research scientist, sales and marketing, supply chain and logistics manager.
**B Science/B Advanced Studies (Taronga Wildlife Conservation)**

**ATAR:** 85  
**IB:** 31  
**Entry:** Feb/Aug  
**Duration (full time):** 4 years  
**Dalyell by invitation**  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Chemistry, Mathematics Advanced or Mathematics Extension 1  
**Course description**  
If you dream of making an impact in wildlife conservation to secure a future for wildlife and people, this unique degree will give you highly applicable and sought-after skills for a wide range of careers in conservation. You will be taught by dedicated researchers and practitioners from two of Australia’s premier institutions, the University of Sydney and Taronga Conservation Society Australia, where you will learn advanced research skills in biology and wildlife conservation, and graduate with the knowledge to address global conservation challenges. In the final year, you will undertake advanced coursework and a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

**Programs, majors and minors**  
You will take a program in Taronga Wildlife Conservation which includes a Wildlife Conservation major that combines biology and conservation management. You will complete a second major from the B Science or the shared pool. The Taronga Wildlife Conservation stream also includes additional prescribed units of study in mathematics and animal sciences. It will provide extensive training in wildlife conservation by incorporating the study of biodiversity and evolution, animal science, and animal behaviour and management.

**You’ll also complete units from the Open Learning Environment.**

**Career possibilities**  
Ecolotgist, animal reproduction specialist, conservationist, environmental policymaker, teacher (with further training), veterinarian (with further study), in fields including wildlife conservation, sustainability, environmental consulting, animal health, government and policy, NGOs, business and analytics.

**B Science/M Mathematical Sciences**

**ATAR:** 98  
**IB:** 40  
**Entry:** Feb/Aug  
**Duration (full time):** 4.5 years  
**Dalyell by invitation**  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Extension 2; students with top band Extension 1 are also encouraged to apply  
**Course description**  
Become a leader in the field of mathematics and statistics. This double degree is designed to give you a foundation in science and provide you with deep training in mathematical sciences, including data science. You will choose a major and progress from undergraduate study to advanced, specialist course and project work in order to prepare you for further research or the workplace. Mathematics is a universal language – it opens doors to job opportunities around the world. Australia is experiencing an acute shortage of graduates qualified in the mathematical sciences, particularly in statistics and data science.

**Programs, majors and minors**  
In the B Science, you will complete a major in either Mathematics, Statistics, Financial Mathematics and Statistics, or Data Science. The second major or minor can be chosen from those available in the B Science or from the shared pool. You will also complete units from the Open Learning Environment. In the M Mathematical Sciences, you will complete advanced units with choices from pure mathematics, applied mathematics, financial mathematics, statistics and data science.

**Career possibilities**  
Business analyst, bioinformatician, data scientist, economic modeller, energy forecaster, game designer, health planner, quantitative analyst in banking, statistician, market analyst, meteorologist, financial analyst, teacher, researcher, web analyst.

**B Science/M Nutrition and Dietetics**

**ATAR:** 97*  
**IB:** 59*  
**Entry:** Feb  
**Duration (full time):** 5 years  
**Dalyell by invitation**  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Mathematics Advanced, Chemistry and Biology  
**Course description**  
With a solid foundation in science plus a two-year master’s degree that has full accreditation from the Dietitians Association of Australia, the five-year B Science and M Nutrition and Dietetics provides the training you need to launch straight into a career in nutrition and dietetics.

**Programs, majors and minors**  
For the B Science, you will need to complete a program in Nutrition and Dietetics, including a major in Nutrition Science, a minor or a second major and units of study from the Open Learning Environment. For M Nutrition and Dietetics, your studies will include clinical nutrition, nutritional science and public health nutrition. You will also complete a nutrition research project.

**Career possibilities**  
Dietitian, nutritional researcher, hospital nutritionist, biochemist, food scientist.

**Professional recognition**  
A graduate of this program is eligible to become a full member of the Dietitians Association of Australia and to join the Accredited Practising Dietitian Program.

**B Veterinary Medicine/D Veterinary Medicine**

**ATAR:** 97* + statement  
**IB:** 59* + statement  
**Entry:** Feb  
**Duration (full time):** 6 years  
**Mathematics prerequisite:** Yes  
**Assumed knowledge:** Chemistry, Mathematics Advanced and Physics  
**Course description**  
This degree 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. Throughout your studies, you will engage in work placement experiences in a broad range of small animal, large animal, and industry situations in preparation for introduction to the workforce following graduation.

**Programs, majors and minors**  
Your studies will include animal behaviour and welfare science, animal diseases and pathobiology, animal husbandry, cell biology, clinical consultation and professional practice, pharmacology, veterinary anatomy and physiology, veterinary conservation biology, veterinary medicine, veterinary public health and veterinary surgery.

**Career possibilities**  
Veterinarian, veterinary geneticist, small animal veterinarian, livestock veterinarian, equine veterinarian, biosecurity researcher, veterinary cardiologist, public health policymaker.

**Professional recognition**  
Graduates are eligible for registration with the Veterinary Practitioner Board in each state and territory in Australia. The Bachelor of Veterinary Biology/Doctor of Veterinary Medicine is also recognised internationally.

**Additional admission criteria**  
Applicants to the Bachelor of Veterinary Biology/Doctor of Veterinary Medicine degree are required to submit a Commitment to Veterinary Science form in addition to the application for admission. The closing date is in November 2020. For details, visit the relevant course page: sydney.edu.au/courses

There are separate requirements for progression to the Doctor of Veterinary Medicine component of the combined degree. For details, visit sydney.edu.au/handbooks/science

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* ATAR/IB scores with an asterisk are indicative only and not guaranteed in 2021.
The Bachelor of Advanced Studies options below enable you to undertake further study in either advanced coursework or honours, after completing the equivalent of an Australian bachelor’s degree in a relevant area. You can increase your graduate employability through challenging coursework and real-world projects in a professional, community or entrepreneurial setting; or open up opportunities for further study and research through honours.

B Bachelor of Advanced Studies

The Bachelor of Advanced Studies options below enable you to undertake further study in either advanced coursework or honours, after completing the equivalent of an Australian bachelor’s degree in a relevant area. You can increase your graduate employability through challenging coursework and real-world projects in a professional, community or entrepreneurial setting; or open up opportunities for further study and research through honours.

B Advanced Studies (Coursework)

<table>
<thead>
<tr>
<th>ATAR: na</th>
<th>IB: na</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entry: Feb/Aug (depending on study area)</td>
<td>Duration (full time): 1 year</td>
</tr>
<tr>
<td>CRICOS: 099884G</td>
<td></td>
</tr>
</tbody>
</table>

**Course description**
The Bachelor of Advanced Studies (Coursework) allows you to pursue further study after completing a University of Sydney bachelor’s degree in a relevant area or an equivalent bachelor’s degree at another University. You will complete advanced coursework to build on your expertise and work on real-world projects. Students who are completing a relevant University of Sydney bachelor’s degree will be eligible to enter the combined Bachelor of Advanced Studies degree, while students with a bachelor’s degree from another institution will complete the non-combined degree.

**Programs, majors and minors**
The coursework option is available in the following broad areas: business, humanities, science and social sciences. For detailed subject areas, visit sydney.edu.au/courses/bachelor-advanced-studies-coursework

You will take advanced coursework and complete an industry, community or research project in an area related to the major completed during your qualifying bachelor degree.

**Career possibilities**
Depends on the area in which the advanced coursework/honours is taken. Refer to the area-specific course listing for a guide to career options.

B Advanced Studies (Honours)

<table>
<thead>
<tr>
<th>ATAR: na</th>
<th>IB: na</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entry: Feb/Aug (depending on study area)</td>
<td>Duration (full time): 1 year</td>
</tr>
<tr>
<td>CRICOS: 0100199</td>
<td></td>
</tr>
</tbody>
</table>

**Course description**
In the Bachelor of Advanced Studies (Honours), if you satisfy the admission criteria, you will complete an honours project. For honours, you will need a minimum Weighted Average Mark of at least 65 or equivalent, or a higher mark or grade as specified by the faculty that administers the honours component, including any other relevant requirements. Students who are undertaking a relevant University of Sydney bachelor’s degree will be eligible to enter the combined Bachelor of Advanced Studies degree, while students with a bachelor’s degree from another institution will complete the non-combined degree.

**Programs, majors and minors**
If you are eligible to do honours, you can select honours coursework and complete an honours research project in one of the following areas: arts and social sciences, business, design computing, economics, music, science and visual arts. For the full subject areas available, visit sydney.edu.au/courses/bachelor-advanced-studies-honours

**Career possibilities**
Depends on the area in which the advanced coursework/honours is taken. Refer to the area-specific course listing for a guide to career options.
Please note that the admission criteria published in the course tables and ATAR/IB tables are a guide and will not necessarily result in an offer of a place for all courses. The scores listed in the course tables and ATAR/IB tables are correct at the time of print and may be subject to change.

Most courses have ATAR/IB scores that are guaranteed for admission in the specified year, provided other admission criteria are also met. ATAR/IB scores marked with an asterisk* are indicative as the University cannot provide a guaranteed score. Some of these courses may have a limited number of places.

Additional admission criteria can also apply for some courses. To find out more, visit

− sydney.edu.au/courses

This is not a comprehensive list of secondary education (Year 12 or high school) qualifications accepted by the University. For a full list, visit

− sydney.edu.au/study/secondary-qualifications

Programs, majors and minors
The programs, majors and minors listed are indicative and are subject to change. Unless specified as a major or a minor only, majors are also available as minors. For the latest information, visit

− sydney.edu.au/handbooks

Assumed knowledge and prerequisites
The assumed knowledge and prerequisites listed in our course tables refer to subjects in the NSW Higher School Certificate (HSC) curriculum. For example, Mathematics Advanced refers to the two unit HSC subject offered from 2020 or an equivalent subject for other qualifications. Refer to the HSC syllabus to understand the required subjects and standards.


Recommended studies
Some courses may also have recommended studies. For details, check the relevant course at

− sydney.edu.au/courses

International students
Courses listed in the ‘2021 guide to admission criteria for international students’ (see page 102–103) are CRICOS registered and available to student visa holders, unless otherwise indicated.

− cricos.education.gov.au

Key to the tables
▲ Additional admission criteria
Combination of ATAR (or equivalent score) plus additional admission criteria (eg, portfolio, audition, interview). Check the details for your specific course at

− sydney.edu.au/courses

Φ Admission criteria for Visual Arts and Music degrees
The admission criteria for the degrees in Visual Arts and Music (excluding Music Education) are currently under review and may be subject to change for students applying to start from 2021 onwards. For updates to 2021 admissions criteria, refer to the relevant course at

− sydney.edu.au/courses

na
Not applicable as an admission score cannot be applied.

△ Mathematics course prerequisites
Mathematics prerequisites apply to domestic students applying for admission to impacted courses (see our website for a full list).

Aboriginal and Torres Strait Islander applicants applying through the Gadigal Program who do not meet the prerequisites may be admitted if they submit sufficient proof of mathematics ability as assessed by the University. See page 89.

For details on how these prerequisites apply to international students, see page 100–101.

Visit our website to find out more about the mathematics prerequisites, including equivalent requirements for other qualifications and options available if you have not studied mathematics.

− sydney.edu.au/study/maths

◊ 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, visit the Singapore Institute of Management’s website.

− www.simge.edu.sg
HOW TO APPLY
IMPORTANT DATES FOR 2021 ENTRY

April 2020
Admission pathways schemes take into consideration more than just your ATAR. Applications for some admission pathways open in April, so investigate your options early. Application requirements can be detailed and closing dates vary, so it is important to do your research early and submit your applications on time.

If you are planning to live in accommodation on campus, begin exploring your options and apply early.

August 2020
Join us for Open Day. Date to be confirmed*.
sydney.edu.au/open-day

September 2020
Submit your UAC application before the end of September to avoid higher fees.

Most scholarship applications open in early September and close in October. Scholarship application dates can vary and some scholarships open earlier. Check the scholarships website: sydney.edu.au/scholarships

December 2020 – January 2021
Year 12 students receive their high school results and ATAR in mid-December.

Join us for Info Day. Date to be confirmed*.
sydney.edu.au/info-day

January – February 2021
UAC releases further offers via January and February offer rounds. You may receive one if you submitted your application late, or did not receive an offer in a previous round, and your preferred course is not already full.

Welcome Week takes place the week before semester starts – it’s a great way to get to know your faculty, teaching staff and fellow students before classes begin.

Semester 1 begins

Once classes start, you have two weeks to try out different subjects (depending on the flexibility within your degree), as long as you finalise your enrolment no later than the Friday of Week 2.

If you change your mind about a unit of study, you can still withdraw without academic or financial penalty up until the HECS census date. This usually falls on the last day of March.

June – July 2021
For non-recent school leavers intending to start university in Semester 2, applications close at this time. Visit UAC (uac.edu.au) and ‘Find a course’ (sydney.edu.au/courses) for dates and degrees open for mid-year entry.

August 2021
Semester 2 begins

Some faculties and University schools host orientation events in the week before the start of lectures.

You can try out different units of study before finalising your enrolment at the end of the second week of semester.

You can withdraw from a unit of study without academic or financial penalty up until the HECS census date. This usually falls on the last day of August.

For the latest information, visit sydney.edu.au/dates
* Due to COVID-19 dates have not been confirmed, and alternative arrangements may be made. Check website for details.
HOW TO APPLY
INFORMATION FOR DOMESTIC STUDENTS*

1 Choose your course
At the University of Sydney, you have the flexibility to combine study areas from more than 400+ options across nine disciplines.

Find the right degree for you.
− sydney.edu.au/courses

Things to consider
Some courses in education, health, medicine and veterinary science have ‘inherent requirements’: essential tasks and activities to achieve the core learning outcomes of a course.

Although they are not an assessable admission requirement, it’s important for you to understand these requirements to make informed choices about your study. Check the details for your course at
− sydney.edu.au/students/inherent-requirements

2 Check the admission criteria for the course
Admission to the University of Sydney is competitive. You need to meet specific academic criteria and, where applicable, English language requirements and additional admission criteria specific to some courses.

Admission to most of our undergraduate courses is based on one of the following:
− your ATAR (Australian Tertiary Admission Rank) or equivalent in a recognised secondary education qualification, or
− your academic average in higher education studies that include at least one year of full-time study in a bachelor’s degree or, for some courses, a recognised diploma, or
− your academic performance in an enabling course, such as an approved preparation program under the Mature-Age Entry Scheme, for eligible courses.
− sydney.edu.au/ug-entry

Additional admission criteria
For some courses, such as music, dentistry, education, medicine, oral health, visual arts and veterinary medicine, there may be additional admission criteria, such as an interview, portfolio or performance. Refer to the ‘2021 guide to admission criteria for domestic students’ on pages 20-21, or visit
− sydney.edu.au/ug-entry

Double degrees
Our double degrees (two separate degrees taken in succession) have separate progression requirements that must be met before you can be admitted to the second degree.
− sydney.edu.au/courses

Mathematics course prerequisites
Some courses have mathematics course prerequisites to help you thrive in business, economics, engineering, science, technology and mathematics-related degrees. These prerequisites will apply to all domestic students applying for admission in 2021, except for those undertaking a non-Australian Year 12 qualification outside Australia.

The minimum requirement is the equivalent of Band 4 in Mathematics Advanced (or E3 in Mathematics Extension 1 or 2) in the NSW HSC.

For full details, including equivalent subject requirements for the IB and interstate year 12 qualifications or other non-year 12 qualifications, visit our website below.

Aboriginal and Torres Strait Islander applicants who apply through the Gadigal Program may also submit sufficient proof of mathematics ability to be assessed by the University. See page 89.

The course tables on pages 26–75 indicate which courses have a mathematics prerequisite.
− sydney.edu.au/study/maths

Education degrees – prerequisites
For the following education courses, the NSW Education Standards Authority requires three Band 5s in the HSC (or equivalent), including one in English (English Standard and English Advanced):
− Bachelor of Education (Health and Physical Education)
− Bachelor of Education (Primary)
− Bachelor of Music (Music Education).
Assumed knowledge
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 detailed course table against each area of interest for course-specific assumed knowledge. If you have not studied these subjects in high school, we advise that you complete appropriate bridging studies before you commence your degree.

− sydney.edu.au/students/bridging-courses

Some recommended studies. For details, check the relevant course page at
− sydney.edu.au/courses

English language requirements
If English is not your first language and/or if you have not undertaken your secondary or higher education studies in English, you may need to meet the University’s English language requirements.

− sydney.edu.au/study/english-reqs

Explore your entry options
If you’re not sure you’ll reach the ATAR or equivalent for your preferred course, see page 82 to find out if you’re eligible to apply to the University through another admission pathway, such as the Early Offer Year 12 (E12) Scheme, Future Leaders Scheme, or the Gadigal Program.

− sydney.edu.au/admission-pathways

Visit us on Open Day
Date to be confirmed**
The best way to get a feel for the campus is to visit us on Open Day. Explore the campus, enjoy the atmosphere, and learn more about our courses and facilities by attending mini-lectures, activities and tours.

− sydney.edu.au/open-day

Submit your application to the Universities Admissions Centre (UAC) with the relevant documents
As a domestic student, you need to submit your application online through the Universities Admissions Centre website.

Early bird UAC applications are due by 30 September 2020. A late fee applies to applications after this date.

If you’re 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.

− uac.edu.au

Apply for scholarships
In 2019, we awarded more than 2500 scholarships to undergraduate students across more than 300 scholarship programs, based on academic, personal leadership and equity grounds.

Most scholarship applications are due by early October 2020, so you will apply for them around the same time you submit your university application to UAC. Please note that deadlines and application requirements may differ depending on the scholarship.

See pages 92–96 for more information.
− sydney.edu.au/scholarships

* You are a domestic student if you are an Australian or New Zealand citizen (including dual citizens of Australia or New Zealand and another country), or an Australian permanent resident or permanent humanitarian visa holder.

** Due to COVID-19 dates have not been confirmed, and alternative arrangements may be made. Check website for details.
Depending on your eligibility, there may be several pathways to gain admission into your dream course.

### Admission pathways at a glance

<table>
<thead>
<tr>
<th>Pathway</th>
<th>Eligible students</th>
<th>Closing date</th>
<th>Learn more</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 12 pathways</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Academic Excellence Scheme</td>
<td>Students who achieve high performance in higher levels of English and mathematics</td>
<td>na</td>
<td>Page 83</td>
</tr>
<tr>
<td>Future Leaders Scheme</td>
<td>School captains and Dux students*</td>
<td>30 September 2020</td>
<td>Page 84</td>
</tr>
<tr>
<td>Elite Athletes and Performers Scheme</td>
<td>Athletes and performers at state or national level</td>
<td>31 October 2020</td>
<td>Page 84</td>
</tr>
<tr>
<td>Broadway Scheme</td>
<td>Students who experienced disruption during Year 11 and/or Year 12</td>
<td>Early bird applications close: 30 September 2020</td>
<td>Page 85</td>
</tr>
<tr>
<td>Early Offer Year 12 (E12) Scheme</td>
<td>Students who are assessed by the Universities Admissions Centre (UAC) as experiencing financial hardship, or residing at the time of their UAC application in an area identified as being in the lowest 25 percent of socioeconomic disadvantage in Australia</td>
<td>20 September 2020</td>
<td>Page 86</td>
</tr>
</tbody>
</table>

#### Early Offer Year 12 (E12) Scheme
Students who are assessed by the Universities Admissions Centre (UAC) as experiencing financial hardship, or residing at the time of their UAC application in an area identified as being in the lowest 25 percent of socioeconomic disadvantage in Australia

<table>
<thead>
<tr>
<th>Pathway</th>
<th>Eligible students</th>
<th>Closing date</th>
<th>Learn more</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gadigal Program</td>
<td>Aboriginal and Torres Strait Islander students</td>
<td>Refer to gadigal.sydney.edu.au</td>
<td>Page 85</td>
</tr>
</tbody>
</table>

#### Post-high school pathways

<table>
<thead>
<tr>
<th>Pathway</th>
<th>Eligible students</th>
<th>Closing date</th>
<th>Learn more</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gadigal Program</td>
<td>Aboriginal and Torres Strait Islander students</td>
<td>Refer to gadigal.sydney.edu.au</td>
<td>Page 85</td>
</tr>
<tr>
<td>Transferring</td>
<td>Students currently studying at a recognised tertiary institution</td>
<td>Varies</td>
<td>Page 88</td>
</tr>
<tr>
<td>Special Consideration for Admission Scheme</td>
<td>Students who have commenced tertiary study and experienced some form of disruption during the course of that study</td>
<td>20 December 2020</td>
<td>Page 88</td>
</tr>
<tr>
<td>Mature-age Entry Scheme</td>
<td>Students 21 years or older who did not attain secondary results sufficient for entry, and have not completed a full year at a tertiary institution</td>
<td>31 January 2021</td>
<td>Page 88</td>
</tr>
<tr>
<td>Graduate entry</td>
<td>Graduates from an undergraduate degree*</td>
<td>Varies</td>
<td>Page 88</td>
</tr>
</tbody>
</table>

*International students are also eligible for this pathway. Some exclusions apply. See page 84 and 88 for more information.
Academic Excellence Scheme

The Academic Excellence Scheme recognises high performance in higher levels of English and mathematics by applying adjustment factors to boost your selection rank for eligible courses. Depending on the course you have applied for and whether you have achieved a Band 5 or 6 (or equivalent) in high-level English or mathematics, you can have an adjustment of up to 5 points added to your ATAR or equivalent IB score, to raise your selection rank for an eligible course.

Am I eligible?
You will automatically be considered for the Academic Excellence Scheme if:

- you are a domestic current school leaver applying via UAC for an undergraduate course at the University of Sydney to commence study in 2021, and
- you are completing the NSW Higher School Certificate (HSC) or any other Australian state or territory Year 12 qualification, or the International Baccalaureate (IB) diploma, in or outside Australia in the year prior to admission, and have achieved one of the required results in English or mathematics.

<table>
<thead>
<tr>
<th>What result do I need to be eligible?*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
</tr>
<tr>
<td><strong>Subject</strong></td>
</tr>
<tr>
<td><strong>Required band performance</strong></td>
</tr>
<tr>
<td>NSW 2021 HSC subject</td>
</tr>
<tr>
<td>English Advanced</td>
</tr>
<tr>
<td>English Extension 1</td>
</tr>
<tr>
<td>English Extension 2</td>
</tr>
<tr>
<td>IB 2021 HSC Year 12 subject</td>
</tr>
<tr>
<td>English A: Language and Literature (HL)</td>
</tr>
<tr>
<td>English A: Literature (HL)</td>
</tr>
</tbody>
</table>

| **Mathematics**                        |
| **Subject**                            |
| **Required band performance**          |
| NSW 2021 HSC subject                  |
| Mathematics Advanced                   | 5 or 6 |
| Mathematics Extension 1               | E4    |
| Mathematics Extension 2               | E4    |
| IB 2021 HSC Year 12 subject           |
| Mathematics (SL)                      | 6 or 7 |
| Mathematics (HL)                      | 5, 6 or 7 |
| Further Mathematics (HL)              | 5, 6 or 7 |

* Includes equivalent Australian interstate Year 12 subjects

How many points will I get?
The adjustment (or number of points) you will be awarded will depend on your performance in either English or mathematics (based on 2020 subject requirements), and which courses you apply for. For the full list of courses and subjects eligible for the Academic Excellence Scheme in 2021, visit:

- sydney.edu.au/study/aes
Future Leaders Scheme
Who is it for?
This scheme is for nominated school captains and Dux students at high schools in Australia who apply through UAC. It offers these students admission to eligible courses in recognition of leadership and academic achievements.
For a full list of eligible courses and detailed information, please visit:
- sydney.edu.au/admission-pathways

How do I apply?
For an offer via this pathway, you need to:
- attend a high school in Australia
  and apply through UAC
- be a school captain or Dux
- be nominated by your school principal
  in Year 12 (by the due date)
- place an eligible course as your highest eligible UAC
  preference in the December Round 2 of offers
- meet any admission criteria for your selected
  course (e.g., audition, portfolio or interview).

Nomination deadline
13 November 2020

Elite Athletes and Performers Scheme
Who is it for?
If you are a domestic student, an elite athlete or performer and your rehearsal, training, and/or competitive commitments have substantially affected your school results, we invite you to apply for the Elite Athletes and Performers Scheme.

How do I apply?
You need to submit two applications:
- your UAC application
- a separate application form (and supporting documentation) for the Elite Athletes and Performers Scheme. For more information, visit sydney.edu.au/admission-pathways

Applying for the Elite Athletes and Performers Scheme is not the same as applying for the Elite Athlete Program – that requires a separate application (see page 95 for more details).

On-time application closing date
31 October 2020
**Broadway Scheme**

The Broadway Scheme is the University of Sydney’s Educational Access Scheme (EAS) offered via the Universities Admissions Centre (UAC). It is targeted at domestic high school students who have experienced disrupted schooling throughout Year 11 and/or 12. This means you may be admitted to an eligible course with an ATAR (or IB equivalent) up to 10 points below the one published. The number of adjustment factors awarded depends on course demand, availability of courses and the severity of the disruption to your studies.

**Who is it for?**
Students who have experienced long-term educational disruption recognised by UAC, such as:
- disrupted schooling
- financial hardship
- severe home disruption
- excessive home responsibilities
- English language difficulty
- personal illness or disability
- refugee status
- school environment
- lowest 25 percent of socioeconomic disadvantage.

**How do I apply?**
Submit an EAS application via your UAC application. To support your application, you need to demonstrate how your performance during Year 11 and/or Year 12 was disrupted by circumstances beyond your control.
- [uac.edu.au/eas](http://uac.edu.au/eas)

**Application closing date**
Submit your EAS application via UAC by 30 September 2020 to meet the UAC early bird application deadline.

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**Gadigal Program**

**Who is it for?**
The Gadigal Program assists you with admission to university by giving you the opportunity to tell us more about your interests, motivation and goals, rather than just your ATAR. Benefits of the program include lower minimum ATAR requirements, the opportunity to apply for a Gadigal Early Conditional Offer, participation in an intensive two-week Academic Skills Program before commencement at the University, and access to ongoing academic and personal support throughout your degree from the Aboriginal and Torres Strait Islander Student Support Teams. For more details, see page 89.

**How do I apply?**
You will need to submit two separate applications:
- your UAC application, via [uac.edu.au](http://uac.edu.au)
- a Gadigal Program application, via [gadigal.sydney.edu.au](http://gadigal.sydney.edu.au)

All Gadigal applications require confirmation of Aboriginal or Torres Strait Islander identity. For details, see [gadigal.sydney.edu.au](http://gadigal.sydney.edu.au)

“I was fortunate to gain entry via the Broadway Scheme, and have constantly benefited from the vast array of support and opportunities provided by the University of Sydney. I feel that I’ve become a much more efficient, passionate and mature student as a result.”

**Duncan Robertson**
Bachelor of Commerce and Bachelor of Laws
Broadway Scheme student
Early Offer Year 12 (E12) Scheme

We realise the ATAR is not always a true measure of your potential to succeed at university and beyond. Our Early Offer Year 12 (E12) Scheme shifts focus from the ATAR alone, giving you the opportunity to show us more about yourself.

Our E12 pathway is administered via UAC’s Schools Recommendation Schemes (SRS) and is available to domestic students who have experienced financial disruption during their time at school and have demonstrated the potential to succeed at the University of Sydney.

You have the opportunity to receive an early conditional offer for an eligible course, where your place will be confirmed as long as you meet the E12 ATAR (which is lower than the published ATAR) and any other additional admission criteria.

Benefits of gaining admission via E12 include:
- $5950 first-year scholarship
- University of Sydney Union ACCESS Rewards membership that provides discounts on and off-campus with major retailers, and access to more than 200 clubs and societies
- Additional faculty support
- Access to scholarships to study overseas.

There are more than 90 courses you can apply for through E12, so you’ll have plenty of options to choose from.

Who is E12 for?

To be eligible, you need to be:
- attending a NSW rural or regional high school
- assessed by UAC’s Access Scheme (EAS) as experiencing financial hardship; or
- residing at the time of your UAC application in an area identified by the Australian Bureau of Statistics as being in the lowest 25 percent of socioeconomic disadvantage in Australia. For information about the Socio-Economic Indexes for Areas (SEIFA), search www.abs.gov.au

You also need to be:
- undertaking the HSC or International Baccalaureate (IB) at a NSW high school
- supported by your school principal (ratings are to be submitted in the SRS system as part of your UAC application)
- a domestic undergraduate student (international students are not eligible to apply)
- successful in meeting any other additional admission criteria.

If you are not residing in an area identified by the Australian Bureau of Statistics as being in the lowest 25 percent of socioeconomic disadvantage in Australia or attending a NSW rural or regional high school, then your offer will depend upon your acceptance into the UAC Educational Access Scheme for financial hardship. You need to apply for this separately. For details, visit uac.edu.au/eas

Application closing date
20 September 2020
- sydney.edu.au/e12

“E12 is such a great way to secure your place in the course you want to study. You are given a conditional offer before you even start your exams, which takes some of the weight off your shoulders so you can just focus on doing the best you can in your exams.”

Nimasha Weththasinghe
Bachelor of Applied Sciences (Diagnostic Radiography)
E12 student
5 steps to apply through E12

1. Choose an E12 course (April – May)
   Look through the available E12 courses to find one that’s right for you. Make sure you’re taking any HSC subjects relevant to that course, and that you have a good chance of meeting the E12 ATAR and any other admission criteria. **You can only apply for one E12 course, so choose wisely!**
   E12 applications for 2020 entry open on 1 April 2020 via UAC’s Schools Recommendation Schemes (SRS) portal.
   - uac.edu.au/srs

2. Check your eligibility (April – May)
   Make sure you meet the E12 eligibility criteria for admission.
   - sydney.edu.au/e12

3. Prepare your E12 application (June – July)
   Prepare your E12 supporting document which contains your answers to the three E12 questions. The document and more information can be found on the E12 website at
   - sydney.edu.au/e12-how-to-apply
   Advise your school principal (as well as your careers adviser) that you intend to apply for E12 – they will need to complete the online supporting application (via UAC) once you apply.

4. Submit your application online (August – September)
   Applications close at 11.59pm on 20 September 2020. Late applications cannot be accepted. You need to complete the following three steps for your E12 application to be considered.
   - Submit your SRS application via UAC.
   - Upload your E12 supporting document to the SRS portal.
   - Place your chosen E12 course as your first University of Sydney preference with UAC. This will be the only course considered for your E12 application and cannot be changed.

5. Sit your HSC exams and wait for your results (November – December)
   Successful applicants will receive a conditional E12 offer in mid-November.
   Some courses have additional admission criteria, such as a portfolio, audition or interview with the faculty that teaches your course. The course may also have a mathematics prerequisite.
   Once you have received your ATAR, met the conditions listed on your conditional E12 offer (including proving your eligibility for E12 and meeting any additional selection criteria), and have placed your E12 course as your first eligible preference for December Round 2 consideration, you will receive an offer from us, via UAC.

   **Welcome to the University of Sydney!**

Note: The months indicated are a guide only – some steps may occur outside the months shown.
Transferring
If you don’t get into the course you want in your first year, you may be eligible to reapply after you complete one year of full-time study in a bachelor’s degree at the University of Sydney or another tertiary institution.

This form of admission is very competitive. To be considered, you may need to achieve at least a distinction or credit average, depending on which course you wish to transfer into.

Transferring requirements vary between faculties, but you will generally be assessed on either your university results or your ATAR, depending on which gives you a greater chance of admission. You may also need to submit further information in cases where courses have additional admission criteria.

− sydney.edu.au/study/transfer-course

Mature-age Entry Scheme
Each year the University of Sydney provides undergraduate places for domestic mature-age entrants. This scheme provides university admission if you are 21 years or older and did not attain high school results sufficient for entry, and you have not completed a full year at a tertiary institution.

University preparation courses
Preparation courses are vital for entry if you’re a mature-age student. By completing the appropriate course and achieving the required results for admission, you will be eligible to apply for mature-age entry, provided you do not already hold qualifications that entitle you to be considered for standard admission.

− sydney.edu.au/admission-pathways

How do I apply?
Submit an application through UAC.

Application closing date
31 January 2021

Special Consideration for Admission Scheme
If you are a domestic student who has started some form of tertiary study, and experienced disruption during your secondary or tertiary studies, you may be eligible for this scheme. Your high school results need to be close to the required ATAR or IB for your preferred course.

How do I apply?
− Submit an application through the Universities Admissions Centre (UAC).
− Submit a separate online application form for Special Consideration for Admission to the University’s Admissions Office. Visit sydney.edu.au/admission-pathways

Application closing date
20 December 2020

Graduate entry
Our graduate entry courses provide an option to gain a professional qualification in competitive areas such as dentistry, medicine, law, physiotherapy and veterinary medicine, after completing an undergraduate degree.

For example, if you do not receive the required ATAR/IB for admission to physiotherapy, you can study a Bachelor of Science (Health) and then apply for admission to the Master of Physiotherapy if you achieve the required grades.

Similarly, the Doctor of Medicine, Doctor of Dental Medicine, Doctor of Veterinary Medicine and the Juris Doctor (postgraduate law) are available after you have completed an undergraduate degree.

How do I apply?
For specific course details, visit
− sydney.edu.au/courses

Other pathways
Post-high school students can also apply for:
− Gadigal Program (see page 85)
− Elite Athletes and Performers Scheme (see page 84).
Gadigal Program

The Gadigal Program assists you with admission to the University by giving you the opportunity to tell us more about your interests, motivation and goals, rather than just considering your academic results alone.

Benefits of the Gadigal Program:
- Lower minimum ATAR requirements
- Opportunity to apply for a Gadigal Early Conditional Offer
- Participation in an intensive two-week Academic Skills Program (before commencing at the University of Sydney) where you will be equipped with the necessary skills to succeed in your first year, including workshops focused on academic writing, structuring essays, critical thinking, oral presentation, research methods and time management
- Access to ongoing academic and personal support throughout your degree from the Aboriginal and Torres Strait Islander Student Support Teams.

Other support services

Accommodation Award
Some accommodation providers on campus offer accommodation scholarships to eligible Aboriginal and Torres Strait Islander students. For example, the Aboriginal and Torres Strait Islander Accommodation Award offers eligible students a guaranteed opportunity to live on campus at the Queen Mary Building or International House in the first year of uni, as well subsidised rents and a start-up bursary valued at $1000. There are also some residential scholarships for first-year commencing students at participating colleges.

Mentoring
Mentors (senior Aboriginal and Torres Strait Islander students) from the Mentoring Our Brothers and Sisters (MOBS) program support new students through the important first year, while sharing their own experiences and giving general advice and guidance.

Tutoring
The Indigenous Tutorial Assistance Scheme is designed to help you achieve your full academic potential. The scheme provides qualified tutors who can offer you free tutoring in your units of study during semester. You can have one-on-one private tuition or group sessions.

Mana Yura Student Support
Support is offered to all Aboriginal and Torres Strait Islander students throughout their University journey, from admission to graduation. Student engagement officers offer social, cultural and emotional wellbeing support as well as academic and other support services.

Culturally safe spaces

The University provides culturally safe spaces for all Aboriginal and Torres Strait Islander students and has equipped computer laboratories, photocopying facilities, a research library, tutorial rooms for study, and student/staff common rooms with kitchen facilities.

Mathematics course prerequisites
If you are an Aboriginal and Torres Strait Islander student applying through the Gadigal Program and do not achieve a Band 4 in Mathematics Advanced, you may be admitted if you demonstrate the capacity to succeed in coursework at a university level, and successfully complete an approved mathematics prerequisite course in your first year of study or, where required, in a subsequent attempt.

How to apply

“…”

Mia Walsh
Bachelor of Arts and Bachelor of Laws
Gadigal Program participant
FEES AND COSTS:
DOMESTIC STUDENTS

Tuition fees
All domestic students receiving an offer for an undergraduate course are eligible for a Commonwealth Supported Place. You are considered a domestic student if you are a citizen of Australia or New Zealand (including dual citizens) or hold an Australian permanent resident visa or an Australian permanent humanitarian visa.

When you are offered a Commonwealth Supported Place in one of our courses, your course fees will be subsidised by the Australian Government. You will pay the remainder, called a ‘student contribution amount’ that is defined by the University within limits set by the Australian Government each year. Check the tuition fees for your specific course at
– sydney.edu.au/courses

Exact student contribution amounts for your course will depend on your calendar year of study and the specific units of study in which you enrol. Costs can vary depending on the discipline of study (student contribution band), and study load of each unit. Not all units of study in a course are in the same student contribution band.

Student contributions are calculated several times a year, at each census date. Depending on your citizenship or residency status, you will be able to either pay upfront or take out a HECS-HELP loan from the Australian Government. Legislation requires you to pay these fees or, if eligible for a HECS-HELP loan, to provide your tax file number, before the relevant census date for your unit(s) of study.

Student contribution amounts are reviewed annually by the University and will increase each year of your study, subject to an Australian Government-specified cap, effective at the start of each calendar year. For more information, visit
– www.studyassist.gov.au

For more information about tuition fees, visit
– sydney.edu.au/study/fee-

tuition-fees

Note, the Australian Government may announce further changes to higher education policy and funding, which may impact domestic students commencing from 2021. The information provided in this section was current at January 2020. For the latest information and updates on changes to government policy, visit www.studyassist.gov.au
### 2020 student contribution bands and ranges

<table>
<thead>
<tr>
<th>Student contribution band</th>
<th>2020 student contribution range (per EFTSL*)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Band 3</strong> Law, dentistry, medicine, veterinary science, accounting, administration, economics, commerce</td>
<td>$0 – $11,155</td>
</tr>
<tr>
<td><strong>Band 2</strong> Computing, built environment, other health, allied health, engineering, surveying, agriculture, mathematics, statistics, science</td>
<td>$0 – $9527</td>
</tr>
<tr>
<td><strong>Band 1</strong> Humanities, behavioural science, social studies, education, clinical psychology, foreign languages, visual and performing arts, nursing</td>
<td>$0 – $6684</td>
</tr>
</tbody>
</table>

**HECS-HELP**

Australian citizens, permanent humanitarian visa holders and New Zealand Special Category Visa holders who meet the long-term residency requirements can either pay their student contribution upfront or obtain a full or part HECS-HELP loan.

If you obtain a HECS-HELP loan, you will have to start repaying it when your income exceeds a certain amount. For more information and to check if you are eligible, visit [www.studyassist.gov.au](http://www.studyassist.gov.au)

All Australian permanent resident visa holders (excluding permanent humanitarian visa holders) and most New Zealand citizens are required to pay their student contribution upfront and are not eligible for HECS-HELP.

**Other costs**

In addition to tuition fees, you should budget for:

- additional course costs; some costs are significant and include, but are not limited to, faculty-specific materials and textbooks, tools, protective clothing, and equipment [sydney.edu.au/additional-course-costs](http://sydney.edu.au)

- Student Services and Amenities (SSA) fee of $308 (2020 yearly rate indexed annually for the duration of your course) – an initiative of the Australian Government to fund services and support programs at universities [sydney.edu.au/ssa-fee](http://sydney.edu.au)

- living expenses such as food and rent if living away from home [sydney.edu.au/study/living-costs](http://sydney.edu.au)

**Payment information**

There are several ways you can pay the fees that apply to your study. A surcharge of 1.53 percent will apply for payments made by Visa or MasterCard. The surcharge is subject to review and may change. Read about payment methods and the surcharge at

- [sydney.edu.au/study/paying-your-fees](http://sydney.edu.au)
With more than 700 scholarship schemes on offer, we can provide successful applicants with the financial freedom to excel academically. Below are just a few of our scholarships that could support you throughout your time at university.

<table>
<thead>
<tr>
<th>Scholarship</th>
<th>Available to:</th>
<th>Eligibility</th>
<th>Duration</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dom</td>
<td>Int</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sydney Scholars Awards</td>
<td></td>
<td></td>
<td>ATAR of 95 to 99.90 and apply for admission through UAC</td>
<td>1 year to duration of undergraduate degree*</td>
</tr>
<tr>
<td>Chancellor's Awards</td>
<td>✓</td>
<td>✗</td>
<td>ATAR of 99.95 and apply for admission through UAC</td>
<td>Duration of undergraduate degree*</td>
</tr>
<tr>
<td>Faculty-based scholarships</td>
<td>✓</td>
<td>✗</td>
<td>Varies</td>
<td>Varies</td>
</tr>
<tr>
<td>Equity scholarships</td>
<td>✓</td>
<td>✗</td>
<td>Aboriginal and Torres Strait Islander, financial hardship, living with a disability, rural or remote</td>
<td>1 year to duration of undergraduate degree*</td>
</tr>
<tr>
<td>E12 scholarships</td>
<td>✓</td>
<td>✗</td>
<td>See page 86 for full eligibility requirements</td>
<td>1 year</td>
</tr>
<tr>
<td>Scholarships for Aboriginal and Torres Strait Islander students</td>
<td>✓</td>
<td>✗</td>
<td>Aboriginal and Torres Strait Islander students</td>
<td>1 year to duration of undergraduate degree*</td>
</tr>
<tr>
<td>Elite Athlete Program</td>
<td>✓</td>
<td>✗</td>
<td>Be performing at an elite level in the chosen sport</td>
<td>Varies</td>
</tr>
<tr>
<td>Global mobility scholarships</td>
<td>✓</td>
<td>✓</td>
<td>Varies</td>
<td>One-off payment</td>
</tr>
<tr>
<td>Accommodation and college scholarships</td>
<td></td>
<td></td>
<td>Varies</td>
<td>Varies</td>
</tr>
<tr>
<td>Scholarships for international students</td>
<td>✗</td>
<td>✓</td>
<td>Varies</td>
<td>Varies</td>
</tr>
</tbody>
</table>

Dom = domestic students
Int = international students

For full terms and conditions, visit [sydney.edu.au/scholarships](http://sydney.edu.au/scholarships)

* Honours for certain courses taken as a separate year on top of the standard degree duration, and postgraduate studies that form part of a double/combined degree, may not be covered. For details, visit [sydney.edu.au/scholarships](http://sydney.edu.au/scholarships)

“My Sydney Scholars Chancellor’s Award scholarship meant that the financial stress of moving away from home was minimised. The scholarship has also helped with my transition into university and living in Sydney by providing a supportive network from the start of my degree.”

Airlie Kinross
Bachelor of Science and Doctor of Medicine (Dalyell Scholars)
Sydney Scholars Awards

This is a suite of prestigious scholarships offered to Year 12 students who achieve an excellent result in their final year of studies and demonstrate the skills and attributes to thrive at university. Ranging from $6000 to $10,000 in value, these awards are granted from one year up to the duration of an undergraduate course.

Am I eligible?

To be considered for this award you need to:

- list the University of Sydney as your first preference in your application to the Universities Admissions Centre (UAC)
- complete your Higher School Certificate (HSC), International Baccalaureate (IB), or equivalent university entry qualification during 2020
- achieve an ATAR, or equivalent, of 95.00 or above and meet any relevant course requirements.

All students undertaking exams other than the HSC will be considered in the same way.

Domestic and international students who submit an application, meet the above criteria and get an ATAR of 95 to 99.85 will be considered for a scholarship of $6000 per year up to the duration of the undergraduate degree, depending on the strength of the ATAR or equivalent score and the scholarship application (some exclusions apply*).

Domestic students who meet the above criteria and get an ATAR of 99.90 are automatically awarded a scholarship for $10,000 per year for the duration of the undergraduate degree (some exclusions apply*).

Are you experiencing hardship?

Some Sydney Scholars Awards are offered to students with excellent academic ability who have had significant educational disadvantage throughout their final years of study, such as financial, medical or disability issues, refugee status or living in a rural area. If this applies to you, you can apply for a Sydney Scholars Award on the grounds of hardship and submit a separate Equity Scholarships application to UAC.

The University will link your Sydney Scholars Awards application with your UAC application for consideration.

- uac.edu.au

How do I apply?

Applications for the Sydney Scholars Award close on 30 September 2020 (before ATAR results are released), so make sure to apply in time. You will need to complete an online application including:

- a personal statement that demonstrates the whole you – tell us about your leadership skills, involvement in extracurricular activities, and future goals.
- your most recent school report – usually your Year 12 mid-year report.

Applications close: 30 September 2020

For more details and to apply, visit
- sydney.edu.au/scholarships-ssp

What happens next?

You will be notified by late November if you have received a conditional offer. Firm offers will be made once your ATAR (or equivalent) is available. Applicants for a Sydney Scholars Award based on the grounds of hardship will receive a firm offer by late January.

The University may make further rounds of scholarship offers at the end of January. All applicants will be notified of the outcome by the end of February.

If you have any questions during this time, please contact us.

- sydney.edu.au/ask
Chancellor’s Awards
For students who have achieved an outstanding result in their Year 12 studies, these scholarships are awarded automatically following the release of ATAR results in December or IB results in January.

To be eligible, you need to be a domestic applicant, have completed your HSC or equivalent in 2020, have the University of Sydney listed as your first preference in your application to UAC, achieve an ATAR of 99.95 or equivalent, and meet any relevant course requirements.

The Chancellor’s Awards are worth $10,000 per year for the duration of your undergraduate degree (some exclusions apply; see page 92). Scholarship holders also receive priority access to accommodation near campus.

In recognition of your unique academic and leadership qualities, you may also be invited to attend celebration events, participate in scholar-only development events, and feature in our scholarship promotion activities.

Faculty-based scholarships
Many faculties and schools provide scholarships for first-year students as well as scholarships and prizes to students in later years of study.

Some faculty scholarships are available via our Sydney Scholars Award applications while others require individual applications. Check with the faculty offering your preferred degree to find out if you’re eligible for any scholarships, or visit − sydney.edu.au/scholarships/faculty

Global mobility scholarships
Current Sydney University students have access to a wide range of overseas experiences, with financial support available through scholarships and grants.

For example, the Vice Chancellor’s Global Mobility Scholarship, awarded to students participating in qualifying programs on the basis of academic merit (weighted average mark) and exchange destination, are valued at between $1000 and $2000 each. For more information on global mobility opportunities, see page 16–17.

− sydney.edu.au/study-overseas

Dalyell Scholars global mobility scholarships
Dalyell Scholars are entitled to a global mobility scholarship of $2000. This can be used towards either a short-term (winter, summer or internship) mobility opportunity worth at least six credit points, or a longer semester or year exchange. See pages 14–15 for more information about becoming a Dalyell Scholar.

− sydney.edu.au/dalyell-scholars

Equity scholarships
There are several types of equity scholarships available for domestic school leavers, assessed on the basis of academic merit, a personal statement, and financial need. In addition to the Sydney Scholars Awards on hardship grounds, the University of Sydney offers a range of equity scholarships for school leavers.

− sydney.edu.au/scholarships/equity
Bursaries and loans

Once you are at university, we also provide on-campus bursary options to help you manage daily living and study costs. Bursaries are non-repayable grants available to domestic students who are having short-term difficulty paying for their study and living expenses but are making satisfactory academic progress.

Our unique bursary scheme is one of the most generous in Australia. The Robert Maple Brown Bursary (worth $2000) is offered to eligible first-year students to help with starting university.

For advice on how to manage your finances or to apply for financial assistance, contact our Financial Support Service.

− sydney.edu.au/financial-support

Early Offer Year 12 (E12) Scheme

Through E12, domestic students have the opportunity to receive an early conditional offer, ensuring a guaranteed place at the University as long as you meet the E12 ATAR (which is lower than the published ATAR) and any additional admission requirements. If successful, you will receive a $5950 scholarship to assist with your studies, a University of Sydney Union ACCESS Rewards membership, which provides discounts on and off campus, and support during your transition to university study. See pages 86–87 or our website for more information.

− sydney.edu.au/e12

Applications for E12 are made via UAC’s Schools Recommendation Schemes. For application dates, see

− uac.edu.au/srs

Scholarships for Aboriginal and Torres Strait Islander students

The University of Sydney and the Australian Government offer a range of scholarships to Aboriginal and Torres Strait Islander students. For example, the University Sydney’s Aboriginal and Torres Strait Islander Entry Scholarship is automatically granted to students who identify as Aboriginal and Torres Strait Islander, achieve an ATAR of 85 or above (or equivalent) and are about to start their first year at university.

The scholarship is $10,000 for the first year of study. If offered this scholarship, students need to enrol in their course in 2021, or it may be deferred for up to one year. For information about other scholarships and bursaries for Aboriginal and Torres Strait Islander students, visit

− sydney.edu.au/scholarships-indigenous

Elite Athlete Program

If you are a student elite athlete, or representing the University in your chosen sport, and are eligible for the program, you will enjoy a wide range of benefits and services.

These may include financial assistance, international travel grants, academic advice and advocacy, private tutoring, and complimentary access to the University’s sporting facilities and high-performance services (dietician, sports psychology, and strength and conditioning training).

Accommodation scholarships
There are several accommodation scholarships available for undergraduate students, including reduced rent to assist with living at University-owned residences. These scholarships are open to Australian citizens and permanent residents.
- sydney.edu.au/accommodation

College accommodation scholarships
Each of the eight residential colleges at the University of Sydney offer various opportunities and scholarships to their new and current student residents. Contact individual colleges for information on the scholarships they offer.
- sydney.edu.au/residential-colleges

Scholarships for international students
The Vice-Chancellor’s International Scholarship scheme is open to all international students with an offer to study at the University of Sydney. The scholarships are awarded on the basis of academic merit and offer a reduction of $5000 to $40,000 on first-year tuition fees. Eligible international students will be considered automatically. A separate application is not required.

If you are an international student applying for admission to the University of Sydney through UAC, you are eligible to apply for the Sydney Scholars Award. For information about other scholarships offered to international students, visit
- sydney.edu.au/scholarships/international

“The E12 scholarship supported me through my first year of university. In addition to the practical financial assistance, I was introduced to other E12 recipients during Welcome Week. This allowed me to make friends before classes started, and it made the transition from school to university much easier.”

Grace Faulder
Bachelor of Applied Science (Occupational Therapy)
FREQUENTLY ASKED QUESTIONS

How do I apply for a scholarship?
Visit our website, select a scholarship you are eligible for, and follow the instructions to apply.
- sydney.edu.au/scholarships

When is my application due?
Closing dates vary. Please check applicable dates carefully online.
- sydney.edu.au/scholarships

Can I apply for more than one scholarship?
Yes. For example, you can apply for the Sydney Scholars Awards, E12 scheme, and a faculty-specific scholarship, but you may not be able to hold more than one scholarship.

Are there any scholarships outside the University that I can apply for?
There are several other avenues for scholarships that you should consider alongside those offered by the University of Sydney. For more details, visit
- www.australia.gov.au
  for government scholarship programs
- www.cef.org.au/apply-for-a-grant
  for Country Education Foundation of Australia rural grant programs
  to search for schemes across Australia
- www.studyassist.gov.au
  for information about government financial assistance.

I want to study a combined degree. Which faculty should I submit my scholarship application to?
You need to apply to the hosting faculty or school of your combined degree. To check this, visit the UAC website for the course code.
- uac.edu.au

Do I have any obligations as a scholarship recipient?
Maintaining a satisfactory level of achievement is a requirement of most scholarships, but it’s best to refer to the terms and conditions of your specific scholarship for accurate information.

I received more than one scholarship offer. Can I accept all of them?
You can usually accept only one primary scholarship – annual value of $6000 or more – at any one time. However, you can hold another scholarship as long as its annual value is less than $6000. There are a few exceptions to this rule, such as accommodation scholarships. Refer to the scholarship terms and conditions for more information.

If I take a gap year, can I still apply for a scholarship?
If you plan to take a gap year – that is, a year away from study to do something else – you still need to apply for most scholarships in the same year you will complete your HSC (or equivalent).
  Some scholarships can be deferred for up to 24 months. Please refer to the scholarships conditions, as these vary.
  You may also be eligible to apply for some faculty or school scholarships and bursaries after taking a gap year.

Will I be able to apply for a scholarship once I’m a current student?
Yes. We offer a variety of scholarships, prizes and grants to current students, including bursaries, faculty prizes and study abroad funding.
  If you are a full-time domestic student in an approved course, you may also be eligible to receive Youth Allowance, Austudy, ABSTUDY or a Relocation Scholarship. Refer to Centrelink for comprehensive information about these schemes.

The University of Sydney also offers bursaries to current domestic students in financial distress, to help cover living and study costs.
- sydney.edu.au/study/bursaries
Experience uni life at your doorstep.

There are a number of accommodation options for you to choose from, including:
- University residences
- Residential colleges
- Independently run student housing.

Our Accommodation Services website is a great place to get started. You will find helpful 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.

sydney.edu.au/accommodation

Abercrombie Student Accommodation
Queen Mary Building
Regiment Student Accommodation

Forest Lodge

Camperdown Campus

Central train station (1km)

Chippendale

Redfern train station (500m)

CBD (2.4km)
## University residences ($220–571 per week)
University residences are on campus and managed by University Accommodation Services. They are available to undergraduate and postgraduate students.

<table>
<thead>
<tr>
<th>Key</th>
<th>Places</th>
<th>Gender</th>
<th>Phone</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Abercrombie Student Accommodation</td>
<td>200</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
</tr>
<tr>
<td>2</td>
<td>Darlington House</td>
<td>54</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
</tr>
<tr>
<td>3</td>
<td>Queen Mary Building</td>
<td>801</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
</tr>
<tr>
<td>4</td>
<td>Regiment Student Accommodation</td>
<td>620</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
</tr>
<tr>
<td>5</td>
<td>Terraces (two locations)</td>
<td>193</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
</tr>
<tr>
<td></td>
<td>International House**</td>
<td>200</td>
<td>F, M</td>
<td>+61 2 9950 9800</td>
</tr>
</tbody>
</table>

## Residential colleges ($519–892 per week)
Residential colleges are on campus but externally managed to provide options to suit your needs.

<table>
<thead>
<tr>
<th>Key</th>
<th>Places</th>
<th>Gender</th>
<th>Phone</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Mandelbaum House</td>
<td>38</td>
<td>F, M</td>
<td>+61 2 9692 5200</td>
</tr>
<tr>
<td>7</td>
<td>Sancta Sophia College</td>
<td>186</td>
<td>F (UG), F, M (PG)</td>
<td>+61 2 9577 2154</td>
</tr>
<tr>
<td>8</td>
<td>St. Andrew’s College</td>
<td>350</td>
<td>F, M</td>
<td>+61 2 9565 7300</td>
</tr>
<tr>
<td>9</td>
<td>St. John’s College</td>
<td>286</td>
<td>F, M</td>
<td>+61 2 9692 5200</td>
</tr>
<tr>
<td>10</td>
<td>St. Paul’s College</td>
<td>300</td>
<td>M (UG), F, M (PG)</td>
<td>+61 2 9550 7444</td>
</tr>
<tr>
<td>11</td>
<td>Wesley College</td>
<td>260</td>
<td>F, M</td>
<td>+61 2 9565 3333</td>
</tr>
<tr>
<td>12</td>
<td>The Women’s College</td>
<td>285</td>
<td>F</td>
<td>+61 2 9517 5018</td>
</tr>
</tbody>
</table>

## Independently run student housing (Up to $700 per week)
Independently run accommodation close to campus provides options to undergraduate and postgraduate students.

<table>
<thead>
<tr>
<th>Key</th>
<th>Places</th>
<th>Gender</th>
<th>Phone</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>Sydney University Village</td>
<td>650</td>
<td>F, M</td>
<td>+61 2 9036 4000</td>
</tr>
<tr>
<td>17*</td>
<td>Stucco</td>
<td>40</td>
<td>F, M</td>
<td>-</td>
</tr>
<tr>
<td>18</td>
<td>UniLodge</td>
<td>570</td>
<td>F, M</td>
<td>+61 2 9338 5000</td>
</tr>
</tbody>
</table>

## Camden Campus
The University residences on our Camden Campus are managed by the University Accommodation Services and are available to undergraduate and postgraduate students.

<table>
<thead>
<tr>
<th>Places</th>
<th>Gender</th>
<th>Phone</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Nepean Hall (Camden)</td>
<td>43</td>
<td>F, M</td>
<td>+61 2 9351 1622</td>
</tr>
<tr>
<td>* Nepean Lodge (Camden)</td>
<td>98</td>
<td>F, M</td>
<td>+61 2 9351 1622</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: All accommodation fees listed above are in Australian dollars. They are intended as a guide and are based on 2020 fees for new students. These fees are correct at the time of printing to the best of the University’s knowledge. Students should contact the individual accommodation providers for detailed and up-to-date information, including additional costs and fees. Note that some colleges charge non-refundable application fees. Also note that some residences have 52-week contracts, while others only provide accommodation during semester.
HOW TO APPLY
INFORMATION FOR INTERNATIONAL STUDENTS*

1 Choose your course
At the University of Sydney, you have the flexibility to combine study areas from more than 400+ options across nine disciplines.
Find the degree for you.
− sydney.edu.au/courses

Things to consider
Some courses in education, health, medicine and veterinary science have ‘inherent requirements’: essential tasks and activities to achieve the core learning outcomes of a course. Although they are not an assessable admission requirement, it is important for you to understand these requirements so you can make informed choices about your study. Check the details for your course at
− sydney.edu.au/students/inherent-requirements

Meet us in your country
Our professional and academic staff visit countries all over the world to answer your questions about our courses, campus life and how to apply. To find out when the next Open Day, Info Day, exhibition or interview session is taking place in your country, visit
− sydney.edu.au/international-open-days

2 Check the admission criteria for the course
Admission to the University of Sydney is competitive. You need to meet specific academic requirements and, where applicable, English language requirements and additional admission criteria specific to some courses.
Admission into most of our undergraduate courses is based on one of the following:
− your ATAR (Australian Tertiary Admission Rank) or equivalent score in an accepted secondary education qualification, such as the IB (International Baccalaureate) or GCE Advanced Levels; find a full list at sydney.edu.au/study/secondary-qualifications, or
− your academic average in higher education studies that include at least one year of full-time study in a bachelor’s degree or for some courses, a recognised diploma, or
− your academic performance in an enabling course, or an approved university preparation program, such as the University of Sydney Preparation Programs (USPP).

Additional admission criteria
For some courses, including music, dentistry, education, medicine, oral health, visual arts and veterinary medicine, there may be additional admission criteria, such as an interview, portfolio or performance. For details, see the course tables on pages 102-103, or visit
− sydney.edu.au/how-to-apply/international-students

Double degrees
Our double degrees (two separate degrees undertaken in succession) have separate progression requirements that must be satisfied before you can be admitted to the second degree.
− sydney.edu.au/courses

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. For undergraduate study, you can do this by fulfilling one of the following:
− complete a recognised secondary education (Year 12/high school) qualification conducted in English, such as an Australian Year 12 qualification, or
− complete certain English subjects in secondary education qualifications specified by the University, or
− complete higher education studies (eg, at least one year of full-time university study or equivalent) in English in approved countries and/or institutions, assessed on a case-by-case basis by the University, or
− complete an accepted English proficiency test with results that meet the admission criteria for your course.

Time limits and variations apply to the options shown above, depending on the course. For details, visit
− sydney.edu.au/study/english-reqs

* An international student is anyone who is not an Australian or New Zealand citizen (or dual citizen of Australia or New Zealand and another country), permanent resident of Australia, or holder of a permanent Australian humanitarian visa. To enrol at university, international students need to hold a visa that allows them to study in Australia.
Mathematics course prerequisites
Some courses have mathematics prerequisites to help students thrive in business, economics, engineering, science, technology and mathematics related degrees. These prerequisites apply if you are undertaking one of the following:

- a secondary education (Year 12) qualification in Australia, such as the HSC or IB
- an Australian state or territory secondary education (Year 12) qualification outside Australia
- the University of Sydney Foundation Program (USFP).

The course tables on pages 26–75 indicate which courses have a mathematics prerequisite.

- sydney.edu.au/study/maths

Prerequisites for education degrees
For the following courses in education, the NSW Education Standards Authority (NESA) requires three Band 5s in the HSC (or equivalent), including one in English (English Standard or English Advanced):

- Bachelor of Education (Health and Physical Education)
- Bachelor of Education (Primary)
- Bachelor of Music (Music Education).

Assumed knowledge
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 detailed course table against each area of interest for course-specific assumed knowledge. If you have not studied these subjects in high school, we recommend you undertake appropriate bridging studies before you commence your course. The University offers some bridging courses to help get you up to speed.

- sydney.edu.au/students/bridging-courses

Some courses may also have recommended studies. For details, check the relevant course page at

- sydney.edu.au/courses

Explore your entry options
The University offers scholarships for high achieving international students (see page 96). For more information on other scholarships and eligibility, visit

- sydney.edu.au/scholarships/international

If you don’t get the marks to get into your course of choice, there are other options you can consider.

- Apply to transfer after completing one year of full-time study in an alternative bachelor’s degree.
- Graduate entry course options are available in competitive areas such as dentistry, medicine, law and physiotherapy to take on a professional qualification after completing an undergraduate degree (see page 88).

Submit your application
Apply through the Universities Admissions Centre (UAC) if you are studying towards a:

- current Australian Year 12 (secondary education) qualification in or outside Australia, or
- current International Baccalaureate (IB) diploma in Australia.

If you are applying with the New Zealand National Certificate of Educational Achievement (NCEA Level 3), you have the option to apply via UAC or direct to the University.

- uac.edu.au/international

If you’re applying for a Sciences Po Dual Degree, you will be required to apply directly to the University of Sydney, even if you are applying through UAC for your other preferences.

All other students need to apply directly to the University. Go to sydney.edu.au/courses to search for your course, then click on the ‘Apply’ button on the course page to lodge your application.

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 Home Affairs 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/under-18-student-visas

For important information for international students, visit

- sydney.edu.au/student-visas
Below is a guide to the Australian Tertiary Admission Rank (ATAR) and International Baccalaureate (IB) scores for admission in 2021. For most courses, the scores are guaranteed, subject to meeting other applicable admission criteria. Scores marked with an asterisk * are not guaranteed and are an indicative score for what you will need for admission in 2021. All published scores are correct at the time of print and subject to change. For the most up to date information on ATARs, visit sydney.edu.au/sydney-atar

You can identify courses by the degree pathway:
- Professional degree
- Specialist degree
- Liberal studies degree

B = Bachelor of, M = Master of, D = Doctor of
* ATAR/IB scores with an asterisk are indicative only and not guaranteed in 2021.
▲ Admission is based on a combination of ATAR, or equivalent, plus additional admission criteria.
◊ Not available for full-time study in Australia on a student visa.
ϕ, na, see ‘Table notes’ on page 76.
## Course CRICOS ATAR/IB

### Engineering Honours
- B Engineering Honours (Chemical and Biomolecular) 083109M 85/31
- B Engineering Honours (Civil) 083109M 85/31
- B Engineering Honours (Electrical) 083109M 85/31
- B Engineering Honours (Flexible First Year) 083109M 85/31
- B Engineering Honours (Mechanical) 083109M 85/31
- B Engineering Honours (Mechatronic) 083109M 85/31
- B Engineering Honours (Software) 083109M 85/31
- B Engineering Honours with Space Engineering 083109M 97/39
- B Engineering Honours/B Arts 083631D 85/31
- B Engineering Honours/B Commerce 083632C 95/36
- B Engineering Honours (Civil)/B Design in Architecture 083633B 95/37
- B Engineering Honours/B Project Management 083636K 85/31
- B Engineering Honours/B Science 083637J 85/31
- B Engineering Honours/B Science (Health) 083637J 85/31
- B Engineering Honours/B Science (Medical Science) 083637J 85/31
- B Project Management 074381C 80/29

### Law
- B Arts/B Laws 004441D 95.5/38
- B Commerce/B Laws 017835F 95.5/38
- B Economics/B Laws 004443B 95.5/38
- B Engineering Honours/B Laws 083634A 95.5/38
- B Science/B Arts 016237C 95.5/38

### Medicine and health
- B Applied Science (Diagnostic Radiography) 079215K (92/35)*
- B Applied Science (Exercise and Sport Science) 022306M (80/29)*
- B Applied Science/B Advanced Studies (Exercise and Sport Science) 098878D (80/29)*
- B Applied Science (Exercise Physiology) 088106G (87/32)*
- B Applied Science (Occupational Therapy) 063849G (92/35)*
- B Applied Science (Physiotherapy) 063847J (97/39)*
- B Applied Science (Speech Pathology) 012825D (92/35)*
- B Arts/D Medicine 09251B (99.6/43)*
- B Arts/M Nursing 069877K 80/29
- B Nursing (Advanced Studies) 074088G 80/29
- B Nursing Post Registration (Singapore) na na
- B Oral Health 072495J (92/35)*

### Science
- B Liberal Arts and Science 068569G 70/25
- B Psychology 019184J (93.5/36)*
- B Science 000719E 80/29
- B Science (Health) 000719E 80/29
- B Science (Medical Science) 000719E 85/31
- B Science/B Advanced Studies 093744A 80/29
- B Science/B Advanced Studies (Dalyell Scholars including Mathematical Sciences) 093744A 98/40
- B Science/B Advanced Studies (Advanced) 093744A 93/36
- B Science/B Advanced Studies (Agriculture) 0100162 75/27
- B Science/B Advanced Studies (Animal and Veterinary Bioscience) 0100160 80/29
- B Science/B Advanced Studies (Food and Agribusiness) 0100161 80/29
- B Science/B Advanced Studies (Health) 093744A 80/29
- B Science/B Advanced Studies (Medical Science) 093744A 85/31
- B Science/B Advanced Studies (Taronga Wildlife Conservation) 093744A 80/29
- B Science/B Advanced Studies (Tara Wildlife Conservation) 093744A 80/29
- B Science/M Mathematical Sciences 097036G 95/37
- B Science/M Nutrition and Dietetics 069875A (95/37)*
- B Veterinary Biology/D Veterinary Medicine 079222M (92/35)*
FEES AND COSTS
FOR INTERNATIONAL STUDENTS

Tuition fees
Undergraduate degrees
The University calculates the tuition fees for international students studying undergraduate degrees based on an annual course fee that is subject to increase each year. This makes it easy for you to understand the potential financial commitment for each year of study.

Tuition fees vary between courses and the calendar year that you undertake study. Fees for each course are based on a full-time student enrolment load of 24 credit points per semester or 48 credit points per year (1.0 EFTSL*). If your study load for the year is more or less than 1.0 EFTSL, your tuition fee will differ. Check the tuition fees for your specific course at sydney.edu.au/courses

Combined degrees
For combined degrees, a single course tuition fee applies to the entire period of your studies (and is subject to annual review), regardless of the units of study that you select in each of the two qualifications (for example, a Bachelor of Arts and Bachelor of Laws).

Bachelor of Veterinary Biology and Doctor of Veterinary Medicine
This degree is calculated differently to other combined degrees. It has two separate tuition fee rates.

Once you progress to the Doctor of Veterinary Medicine, you will be paying higher tuition fees in Years 3 to 6 (for study equivalent to the postgraduate level Doctor of Veterinary Medicine) than in Years 1 and 2 of the combined degree (the Bachelor of Veterinary Biology). Both tuition fees are subject to annual increases for each year of your study, effective at the start of each calendar year.

Double degrees (undergraduate to postgraduate)
In a double degree, students usually commence in one degree then progress to a second degree to complete the remainder of their studies.

The University charges two separate tuition fee rates for double degrees that comprise an undergraduate and a postgraduate degree, with a higher tuition fee rate applying to the postgraduate degree. It is important to factor in this price difference in calculating the likely total course cost.

Other costs
In addition to tuition fees, you should budget for:

- additional course costs; some costs are substantial including, but not limited to, faculty-specific materials and textbooks, tools, protective clothing, and equipment sydney.edu.au/additional-course-costs
- the Student Services and Amenities (SSA) fee of A$308 (2020 yearly rate indexed annually for the duration of your course) – an initiative of the Australian Government to fund services and support programs at universities sydney.edu.au/ssa-fee
- health insurance through the Overseas Student Health Cover scheme (OSHC), an Australian Government requirement for student visa holders sydney.edu.au/study/oshc
- living expenses such as food and rent sydney.edu.au/study/living-costs

Additionally, there is an application processing fee of A$125 at the time of application for admission (some students may be eligible for a fee waiver).

Annual reviews
All tuition fees and the Student Services and Amenities fee are subject to annual reviews (and indexation, as applicable) and will increase for each year of your study, effective at the start of each calendar year.

Payment information
When you are offered a place to study with us, you will be required to make an initial payment equal to your first semester of tuition fees to secure your place formally and be eligible to apply for a student visa. The letter of offer will include more detailed information.

There are several ways you can pay the fees that apply to your study. A surcharge of 1.53 percent will apply for payments made by Visa or MasterCard. The surcharge is subject to review and may change. Find out more about payment methods, including refund procedures and policies, at sydney.edu.au/study/payting-your-fees

* EFTSL = equivalent full-time student load
ONCE YOU’RE HERE
STUDENT SUPPORT SERVICES

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.

**Aboriginal and Torres Strait Islander support**
- Admission pathways
- Academic enrichment and orientation program
- Rent subsidy
- Peer mentor support
- Tutorial assistance
- Cultural support and safe spaces

**Academic enrichment**
- Bridging courses
- Online learning resources
- Mathematics learning support
- One-to-one consultations

**Language and learning support**
- English language programs
- One-to-one coaching
- Online learning resources
- Intensive preparation programs

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

**Career support**
- Career advice and development
- Employability skills workshops
- Meet employers at careers fairs and events
- Sydney CareerHub, an online jobs database

**Disability services**
- Assistive technology
- Lecture support
- Building access and accessible facilities
- Academic adjustments
- Alternative formatting

**Health and wellbeing**
- Doctors
- Pharmacists
- Dentists
- Optometrists
- Physiotherapists
- Psychologists
- Childcare information

**Mental health**
- Clinical psychologists and counsellors
- Mental health support
- Workshops for success
- Resilience training

**Multifaith chaplaincy**
- Chaplains from 12 faith groups for on-campus consultations
- Dedicated prayer rooms

**Financial support**
- Bursaries and interest-free loans
- Help with essential living costs and study-related expenses

**Orientation and arrival sessions**
- Welcome to university
- Settling into Sydney
- Information on support services
- Meet fellow students and staff
- Adjusting to study life

For more information and to access our student support services, visit sydney.edu.au/campus-life
University is more than what happens in the classroom. Make the most of it and get involved in campus culture, join one of our 200+ clubs or societies, connect with others and find support to help you succeed.

We have a huge range of facilities, programs and campus events to keep you healthy and active during your time at university. Get involved in athletics, swimming, tennis, soccer, rugby union and more.

To find out more about clubs and societies, visit − www.usu.edu.au
To find out more about sport and fitness, visit − www.susf.com.au
“Joining the Media and Communications society has allowed me to dive right into campus life, get behind-the-scenes experience and be part of running what is essentially a small business with my friends for the benefit of other students.

“As Vice President of the Sydney Arts Students Society, I have developed so many professional and interpersonal skills that are preparing me for any future career. It has also given me the chance to meet and develop close friendships with other Arts students from all backgrounds and majors.”

Nicole Baxter  
Bachelor of Arts and Bachelor of Advanced Studies (Media and Communications)

“I have loved the practical training I’ve received at the University of Sydney farms at the Camden Campus. As a future vet, hands-on experience with livestock animals is exposing me to some of the rewards and challenges facing a range of production systems, and really gets me excited for the daily activities of my future career.

“I’ve made a tight knit group of friends with similar interests to me, but from completely different areas and backgrounds. It’s inspiring to be learning alongside people who will one day be my colleagues in a field that we’re all so passionate about.

“Alongside my vet studies, joining the Sydney University Symphony Orchestra meant that I could keep up my passion for performing music while studying something completely different.”

Maya Yaffe  
Bachelor of Veterinary Biology and Doctor of Veterinary Medicine
Advanced coursework
Undertaken in the final 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 future careers.

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 – this is called assumed knowledge. It often refers to a New South Wales Higher School Certificate (HSC) subject, but equivalent subjects in other recognised secondary education (Year 12) qualifications will be accepted (see also ‘prerequisite’).

For a guide to the standard required in other Year 12 qualifications, refer to the syllabus of HSC subjects.


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 education 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 education qualification, your results will be translated to an ATAR equivalent to determine whether you have met the standard required for admission.

Combined degrees
When you complete degrees from two different faculties or schools concurrently. For example, if you complete a combined Arts/Laws course, you will be awarded a Bachelor of Arts and a Bachelor of Laws. You can complete two degrees in less time than if you studied the two degrees separately.

Core unit
A compulsory unit of study that you need to complete to be awarded a particular degree.

Credit for previous study
The recognition of previous studies, either at the University of Sydney or another institution, that can be granted as specific or non-specific credit towards your current course. Credit for previous study 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 the completion requirements for your course. 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
A stream for high-achieving students offering access to a range of enrichment opportunities.

Degree
The name of the course that you are enrolled in, such as Bachelor of Arts.

Domestic student
You are considered a domestic student if you are:
− an Australian or New Zealand citizen (including dual citizens)
− a permanent resident of Australia
− a holder of a permanent Australian humanitarian visa.

Double degrees
When you complete two separate qualifications in succession. In these programs you commence in one degree then transfer to the second degree to complete the remainder of your studies (if you meet certain criteria). 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.

Elective unit
An elective unit of study is one 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
The process that secures your place in a course at the University. Enrolling includes accepting the University’s conditions of being a student and selecting units of study for the coming semester or year.

Honours
Honours is study in an undergraduate degree that leads to an honours class of award, indicating high academic achievement and completion of preparatory education in research. Honours differ depending on the degree, and usually involve independent learning, including a large project and advanced-level coursework.

International student
You are considered an international student if you are not an Australian or New Zealand citizen (or a dual citizen of Australia or New Zealand and another country), a permanent resident of Australia or a holder of a permanent Australian humanitarian visa. To enrol at university, international students need to hold an appropriate visa that allows them to study in Australia.

Major
A major is a defined sequence of units of study that deepens your experience in a field of study. Majors are recorded on your academic transcript. Requirements for majors are outlined in your handbook.

Minor
A minor is a defined sequence of units of study that develop your expertise in a field of study.

Open Learning Environment
The Open Learning Environment (OLE) is a collection of units that offer you the opportunity to broaden your skills by exploring other fields of study. All students have access to zero credit point OLE units, and you can take as many of these as you want. In many degrees, including all liberal studies courses, you will also undertake for-credit OLE units as part of your study.

Postgraduate degree
A postgraduate degree is a course leading to the award of a graduate certificate, graduate diploma, a master’s degree or doctorate. A postgraduate award usually requires previous completion of a relevant undergraduate (bachelor’s) degree.

Prerequisite
A course prerequisite is a subject you need to have completed at the required standard to be eligible for admission to a course.

A unit of study prerequisite is a unit of study that you need to have completed before you can enrol in a specific unit that requires prior knowledge.

Program
A combination of units of study that develops expertise across several disciplines or a professional or specialist field. It includes at least one recognised major in a field of study.

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 August to November.

Stream
A stream is a version of a course that you apply for separately, but is linked to a common or parent course by components and rules. You need to complete a core program of study in addition to a set of units of study for that particular stream, which appears on your testamur with the award course name, eg, Bachelor of Arts (International and Global Studies). Find out more about course rules at − sydney.edu.au/handbooks

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

Undergraduate degree
An undergraduate degree is usually your first degree at university after finishing high school.

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 units of study, see − sydney.edu.au/handbooks

Universities Admissions Centre (UAC)
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