“We help grow the minds of students who go on to change the world as leaders and innovators in their fields.”
Join us
Discover why our graduates are ranked first in Australia and fifth in the world for graduate employability.*

Areas of study
With 400+ study areas available, discover what our world-class faculties and schools have to offer.

- Architecture, design and planning ..... 28
- Arts and social sciences ................. 30
- Business ........................................... 32
- Education and social work ............. 34
- Engineering and computer science .... 36
- Law ................................................. 38
- Medicine and health ..................... 40
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Courses A-Z
A full list of our course offerings, including the ATAR or IB you need to achieve for admission.

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How to apply
The next steps. Find out how to apply for your dream course and begin your journey to Sydney.

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* QS Graduate Employability Rankings, 2019

Dates are subject to change. For the latest information, please check sydney.edu.au/dates
WHY CHOOSE SYDNEY?

We aim to instil the skills, knowledge and values you need to become a leader in a rapidly changing world. You can choose from our range of professional, specialist, liberal studies, and combined and double degrees.

1st in Australia and ranked 5th in the world for graduate employability*

Top 50 in world university rankings**

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

$84 million in scholarships offered to our students every year

320,000 alumni to connect you with a worldwide network

400+ study areas to design the right degree for you

* QS Graduate Employability Rankings, 2019
** QS World University Rankings, 2019
We recognise that the future of work will be very different, so it's our ambition that every University of Sydney student will complete their degree with the confidence and ability to think critically, collaborate productively and influence the world. By studying one of our undergraduate courses, you’ll have the opportunity to:

**Choose the right study path for you**
Gain expertise in your primary field of study and learn from industry leaders by choosing from our range of professional, specialist, liberal studies, and combined and double degrees. See pages 6 to 9.

**Design your own degree with the Bachelor of Advanced Studies**
The Bachelor of Advanced Studies gives you the flexibility to design your own degree, from advanced coursework to major projects. See pages 10 and 11.

**Become a Dalyell Scholar and extend your academic abilities**
As a Dalyell Scholar, you will have access to a range of enrichment opportunities. See pages 12 and 13.

**Follow your interests. All of them.**
Combine your interests with more than 100 study areas in a shared pool of majors and minors. This means you can sharpen your broader skills (e.g., communication, critical thinking and problem-solving) and acquire multidisciplinary expertise in a second field that sits outside your primary degree. See pages 14 and 15.

**Explore other fields of study in the Open Learning Environment (OLE)**
Build diverse skill combinations and boost your personal and professional development with our short, on-demand OLE units. See page 16.

**Work on real-world projects and tackle complex global challenges**
Deepen your expertise and develop skills in interdisciplinary collaboration through real-world industry, community, entrepreneurship and research projects. See page 17.

**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 18 and 19.

[sydney.edu.au/ug-experience](sydney.edu.au/ug-experience)
A DEGREE DESIGNED FOR YOU

Whether you’ve had your career path mapped out since childhood or you’re convinced that your dream job doesn’t exist yet, one of our degree types – professional, specialist and liberal studies – will prepare you for the future.

sydney.edu.au/plan-your-degree

Professional degrees

If you’re already sure of the career path you’d like to take, follow a specific study pattern that leads to professional accreditation and registration.

- Gain practical experience during work placements and internships, which are compulsory in most professional degrees.
- Complement your expertise with interdisciplinary experiences.
- Professional degrees are available in areas including advanced computing; architecture; dentistry; education and social work; engineering and computer science; health sciences (for example: diagnostic radiography, physiotherapy and speech pathology); law; medicine; music (education); nursing; nutrition and dietetics; pharmacy; project management; psychology; and veterinary medicine.

Combined and double professional degrees

Combined and double professional degrees will prepare you for a diverse range of careers by developing your expertise alongside the skills to adapt and drive change and innovation.

- Cultivate a diverse skill set and breadth of knowledge, alongside expertise in a professionally accredited field, by combining your professional degree with a liberal studies degree.
- Take your professional degree in combination with a liberal studies or specialist degree, or another professional degree (see pages 8 and 9) to develop expert knowledge and effectiveness in a given field or profession.
- Degree examples include combined engineering; combined law; double degree dentistry and medicine; nursing; nutrition and dietetics; veterinary medicine; and the Bachelor of Design in Architecture (Honours)/Master of Architecture.

See pages 48 and 49 to find a list of professional degrees, including combined and double degrees.

“My course gives me the breadth to learn valuable skills in areas such as finance and anthropology.

This exposure was valuable when I worked on a social entrepreneurship venture in Cambodia as part of the University’s Community Placement Program.

My understanding of people and culture enabled me to better communicate and my analytical learnings helped me drive our food and security project effectively.”

Ada Yin
Study areas: business information systems; finance; economics

“The University of Sydney offers some of the best opportunities both in and out of the classroom. I have access to many professional and social clubs and societies which have helped with the transition from high school to university.

Being a student here is about so much more than just studying. The on-campus life means there’s never a boring day – a familiar and friendly face is around every corner.”

Adam Herman
Study areas: law; media studies
Liberal studies degrees

A liberal studies degree is ideal if you want to follow your interests and study what you enjoy most.

- Build your depth of knowledge in one or more areas.
- Design your own degree by combining studies from a broad range of disciplines.
- Liberal studies degrees are available in areas including arts and social sciences; business; and science.
- Focus on a specific field by applying for a liberal studies stream such as agriculture, animal and veterinary bioscience, food and agribusiness, health, international and global studies, languages, media and communications, medical science, or politics and international relations.

See pages 48 and 49 to find a list of liberal studies degrees, including combined and double degrees.

Specialist degrees

Know where you want to start your career? A specialist degree might be for you.

- Study a set of defined fields that develop your expertise in a specific area.
- Take electives from other faculties to broaden your learning.
- Specialist degrees are available in areas including design computing, economics, music, and visual arts.

Combined specialist degrees

You can supercharge your studies by combining your specialist degree with the Bachelor of Advanced Studies.

- Deepen your learning and extend your knowledge through advanced coursework and a major project.
- Cultivate expertise in your area of interest alongside critical thinking and problem-solving skills to excel in your future field.
- Degrees include the Bachelor of Design Computing/Bachelor of Advanced Studies, Bachelor of Economics/Bachelor of Advanced Studies, and Bachelor of Visual Arts/Bachelor of Advanced Studies.

See pages 48 and 49 for a list of specialist and combined degrees.

Combined and double liberal studies degrees

Supercharge your liberal studies degree by combining it with the Bachelor of Advanced Studies or enhance your knowledge and skills as you complete a combined or double degree professional course.

- Extend your knowledge and deepen your critical thinking skills through advanced coursework and a major project in the Bachelor of Advanced Studies. See pages 10 and 11 for more information.
- Some liberal studies degrees can be taken with professional degrees, enabling you to develop knowledge across disciplines and expertise in a professionally accredited field.

See pages 48 and 49 to find a list of liberal studies degrees, including combined and double degrees.

“I will be travelling to Cambodia to work with the Phnom Penh Animal Welfare Society. I’ll be doing one of my final year rotations in their clinic assisting the vets there to care for animals that have been rescued by monks and local people.

It’s amazing how with this degree I can travel the world and do these amazing things. I’ve spent weeks on a sheep farm near Tamworth, milked goats in Nowra and helped clean horses’ teeth in Moruya.”

Liam Douglas
Study area: veterinary medicine

“I’m fascinated by how mathematics enables us to understand how the world functions, and the academics I’ve encountered during my Bachelor of Science have really helped me to grow my passion. The University is focused on preparing industry-ready science graduates, with a wide range of work placement opportunities. I’m sure I’ll be able to apply my quantitative and problem-solving skills to a career in the financial sector.”

Denzel Florez
Study areas: mathematics; financial mathematics and statistics

“We live in a technology-driven world and with the rapid progression of innovation, new issues that are unprecedented are coming into existence; from AI to the rise of environmental refugees. This is where the intersection of law and engineering will become increasingly important in the future. I wanted to take two disciplines I knew I was passionate about and equip myself to face the exciting and uncertain opportunities ahead.”

Rameen Malik
Study areas: engineering, law
The Bachelor of Advanced Studies gives you the flexibility to design your own degree. Challenge yourself through advanced coursework and a major project, and make the most of exchange and internship opportunities.

The Bachelor of Advanced Studies can be taken in combination with a three-year liberal studies, professional or specialist bachelor’s degree, including the Bachelor of Applied Science (Exercise and Sport Science), Bachelor of Arts, Bachelor of Commerce, Bachelor of Design Computing, Bachelor of Economics, Bachelor of Science, and Bachelor of Visual Arts. Over four years, you can:

- design your own degree by combining majors from a range of disciplines
- complete a second major* from either your primary study area or the shared pool of majors and minors
- complete advanced coursework to build on your expertise and leadership skills, or complete an honours project
- work on real-world industry, community and research challenges across disciplines.

* sydney.edu.au/bachelor-advanced-studies
BECOME A DALYELL SCHOLAR

For high-achieving students with an ATAR (or equivalent) of 98+, Dalyell Scholars have access to a range of enrichment opportunities that will challenge you alongside your talented peers.

As a Dalyell Scholar you will engage in experiences that will extend 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, Dalyell Scholars will have the opportunity to collaborate and network with like-minded world influencers.

To study as a Dalyell Scholar, admission is by UAC preference or invitation, depending on the course (see page 13).

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 enrichment 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, including access to a $2000 global mobility scholarship.

sydney.edu.au/dalyell-scholars

Who was Elsie Jean Dalyell?

Elsie Jean Dalyell OBE (1881–1948) was the first full-time female academic in our Faculty of Medicine. She was a pioneer resident medical officer at Royal Prince Alfred Hospital and worked as a senior clinician in a Vienna-based research team studying childhood diseases. Her academic excellence and commitment to creating her own path are hallmarks of our Dalyell Scholars stream.


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.

- B Arts/B Advanced Studies (Dalyell Scholars)
  UAC 51322
- B Commerce/B Advanced Studies (Dalyell Scholars)
  UAC 51330
- B Engineering Honours (Dalyell Scholars)
  UAC 51397
- B Science/B Advanced Studies (Dalyell Scholars including Mathematical Sciences)**
  UAC 51397

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+.*

- B Architecture, design and planning
  - B Design Computing/B Advanced Studies
- B 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
- B Business
  - B Commerce
  - B Commerce/B Advanced Studies
- B Education and social work
  - B Education Secondary: Humanities and Social Sciences/B Arts
  - B Education Secondary: Mathematical/B Science
  - B Education Secondary: Science/B Science
  - B Arts/B Social Work
- B Engineering and computer science
  - B Advanced Computing
  - B Advanced Computing/B Commerce
  - B Advanced Computing/B Science
  - B Advanced Computing/B Science (Health)
  - B Advanced Computing/B Science (Medical Science)
  - B Engineering Honours with Space Engineering major
  - B Engineering Honours/B Arts
  - B Engineering Honours/B Commerce
  - B Engineering Honours/Civil/B Design in Architecture
  - B Engineering Honours/B Project Management
  - B Engineering Honours/B Science
  - B Engineering Honours/B Science (Health)
  - B Engineering Honours/B Science (Medical Science)
- B Law
  - B Arts/B Laws
  - B Commerce/B Laws
  - B Economics/B Laws
  - B Engineering Honours/B Laws
  - B Science/B Laws
- B 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
- B Science
  - B Psychology
  - B Science
  - B Science (Health)
  - B Science (Medical Science)
  - B Science/B Advanced Studies
  - 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/B Advanced Studies (Taronga Wildlife Conservation)
  - B Science/M Mathematical Sciences
  - B Science/M Nutrition and Dietetics

Note: courses may change
* UAC 51322 for Aboriginal and Torres Strait Islander students admitted through Gagigal Program
** The Mathematical Sciences program is available in this course
---
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 within your degree.

The shared pool allows you to develop expertise in a second field of study and build interdisciplinary knowledge from a wide range of study areas outside your primary degree.

For example, enjoy studying science while continuing your interest in history; 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, including the combined Bachelor of Design Computing.

Shared pool of majors and minors
Combine your primary major with a major or minor in one of the areas below.

1. Architecture, design and planning
   - Biological Design
   - Design

2. 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
   - Celtic Studies*
   - 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

3. Hebrew (Modern)
4. History
5. Indigenous Studies
6. Indonesian Studies
7. International and Comparative Literary Studies
8. International Relations
9. Italian Studies
10. Japanese Studies
11. Jewish Civilisation, Thought and Culture
12. Korean Studies
13. Latin
14. Linguistics
15. Modern Greek Studies
16. Political Economy
17. Politics
18. Sanskrit*
19. Social Policy*
20. Sociology
21. Spanish and Latin American Studies
22. Studies in Religion
23. Theatre and Performance Studies
24. Visual Arts
25. Writing Studies*

6. Business
   - Accounting
   - Banking**
   - Business Analytics
   - Business Information Systems
   - Business Law

7. Education and social work
   - Education

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

9. 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

10. 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*

* 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 offers you the opportunity to broaden your skill set and extend your knowledge by exploring other fields of study.

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 2019 include:
- Analysing and plotting data: Python
- Community engagement for change
- Digital influence through social media
- Experience China
- Student leadership: peer mentoring
- Presentation skills: speaking in class
- The science of health and wellbeing
- Understanding web skeletons and skins.

TACKLE REAL-WORLD ISSUES

Collaborate with businesses, community organisations and government bodies on interdisciplinary projects that will develop your networks and deepen your critical thinking, problem-solving and communication skills.

A snapshot of our 2019 projects

Projects are open to third and fourth-year students who meet the eligibility criteria.

ANZ Bank – digital disruption
This project looks at technological opportunities for collaboration across institutional banking. You may consider things like open banking, artificial intelligence, cyber security, ecosystem creation or blockchain to prevent fraud, minimise risk and help transform businesses.

Adobe – The future of education: closing the digital skills gap
This project investigates the future of education, looking to formulate creative and innovative ways to address the lag between education and disruptive technological change within the industry. You will provide tangible suggestions and solutions to harness the full potential of this change so human talent aligns with technological advancement.

CareerSeekers – settling refugees better
CareerSeekers is a non-profit social enterprise that aims to reconnect asylum seekers and refugees with their preferred careers in Australia. This project helps to highlight the untapped talent sitting in these communities and assesses the social, financial and economic impact in speeding up the resettlement process.

Some of our business partners in 2019

We have partnerships with almost 30 leading organisations, across industry, community and government sectors. These include but are not limited to:
- Accenture
- Adobe
- ANZ Bank
- Commonwealth Bank
- CSIRO’s Data61
- NSW Farmers Association
- Public Service Commission
- PwC
- QBE
- Telstra
- Western Sydney Local Health District
- Westmead Precinct and NSW Health (at Westmead)
- Westpac.

We also have partners outside Australia, including two in Hong Kong. Learn more about our 2019 projects and partners:
- sydney.edu.au/students/industry-and-community-projects

“This interdisciplinary experience is a key stepping stone in preparing you for the workplace and gives you an insight into what life is like beyond the doors of the University.”

Vincent Giannini
Study area: commerce
SET YOURSELF UP FOR A GLOBAL CAREER

Our international opportunities will broaden your academic experience and develop confidence and perspective to set you up for a global career.

By 2020 we aim 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:
- 131 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 could 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 in Asia, the Pacific, Europe or North Africa
- short-term summer programs at prestigious universities like Harvard, Yale and London School of Economics
- global professional placements, such as the University of Sydney Business School’s Industry Placement Program, provide you with the opportunity to work and study in the United States, China, France or Chile during semester breaks.
- 121 partners in Europe
- 72 partners in North America
- 37 partners in the United Kingdom and Ireland
- 55 partners in the Asia-Pacific region
- 7 partners in Latin America
- 3 partners in the Middle East
- 37 partners in the United Kingdom and Ireland
- 7 partners in Latin America
- 3 partners in the Middle East
- 3 partners in the United Kingdom and Ireland
- 7 partners in Latin America
- 3 partners in the Middle East
- 3 partners in the United Kingdom and Ireland

We offer financial support for your overseas experience through travel scholarships and grants, as well as 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.

“My exchange at the University of Edinburgh has definitely been a highlight of my university studies. In addition to the life-changing experiences I had in Scotland, studying at another world-class institution has helped strengthen my appreciation for the global nature of science, and the experience helped develop my independence and confidence.”

Adam Kaplan
Bachelor of Science (Advanced)
University of Edinburgh

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

* ‘Learning Abroad 2017’, Australian Universities International Directors’ Forum report, October 2018
** Times Higher Education World University Rankings, 2019
“A degree at Sydney prepares you for industry by finding a healthy balance between theory and practical application. These practical skills are highly beneficial when you’re building systems that have to work reliably in the real world.”

Dr Daniel Wilson
University of Sydney graduate – Bachelor of Engineering Honours (Mechatronic), PhD (Aerospace Engineering). One of Australia’s top 50 engineering innovators 2017. Flight Controls Engineer, Vahana – A³ by Airbus

“As someone who juggles many interests, Sydney was the clear choice for me to pursue two distinctly different fields of study. I enjoy the challenges of balancing my music studies with my study of theoretical sciences, anatomy and patient care.”

Sarah Li
Study areas: music; medicine
UNIVERSITY LIFE

University is more than what happens in the classroom. With over 200 clubs and societies, including 26 cultural groups, and 130+ nationalities represented on campus, there’s something for everyone. Make the most of it.

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

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.

Academic enrichment
- Bridging courses
- Online learning resources
- Drop-in support
- Mathematics learning support

Aboriginal and Torres Strait Islander support
- Admission pathways
- Academic enrichment and orientation program
- Peer mentor support
- Tutorial assistance
- Cultural support and safe spaces

Career support
- Career advice and development
- Employability skills workshops
- Meet employers at careers fairs and events
- Sydney CareerHub, an online jobs database

Childcare information
Advice about child care on and near campus

Disability services
- Assistive technology
- Lecture support
- Building access and accessible facilities
- Academic adjustments
- Accessible formatting

Academic, language and learning support
- Accelerated learning
- Transition/bridging courses
- Online learning resources
- Practical skills workshops

Financial support
- Bursaries and interest-free loans
- Help with essential living costs and study-related expenses

Accommodation
- On-campus student housing
- Residential colleges
- Off-campus living
- Thriving communities

Health and wellbeing
- Doctors
- Pharmacists
- Dentists
- Optometrists
- Physiotherapists
- Psychologists

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

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
Living on or close to campus can enhance your university experience.

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

Camperdown/Darlington Campus

University residences ($220–$371 per week)
University residences are on campus and managed by University Accommodation Services. They are available to undergraduate and postgraduate students. Note: Selle House is for postgraduate students only.

<table>
<thead>
<tr>
<th>Key</th>
<th>Places</th>
<th>Gender</th>
<th>Phone</th>
<th>Website</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Abercrombie</td>
<td>100</td>
<td></td>
<td>+61 2 9351 3322 sydney.edu.au/accommodation</td>
</tr>
<tr>
<td>2</td>
<td>Darlington House</td>
<td>94</td>
<td></td>
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<td>3</td>
<td>Queen Mary Building</td>
<td>799</td>
<td>F, M</td>
<td></td>
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<tr>
<td>4</td>
<td>Regiment Building</td>
<td>620</td>
<td>F</td>
<td>+61 2 9560 7000 standrewscollege.edu.au</td>
</tr>
<tr>
<td>5</td>
<td>Selle House</td>
<td>14 (PG only)</td>
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<tr>
<td>6</td>
<td>Terraces</td>
<td>173</td>
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Residential colleges ($397–$687 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>
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</thead>
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<tr>
<td>8</td>
<td>Mandelbaum House</td>
<td>36</td>
<td>F, M</td>
<td>+61 2 9692 5200 mandelbaum.usyd.edu.au</td>
</tr>
<tr>
<td>9</td>
<td>Sancta Sophia College</td>
<td>172</td>
<td>F (UG), M (PG)</td>
<td>+61 2 9577 2100 sanctasophiacollege.edu.au</td>
</tr>
<tr>
<td>10</td>
<td>St Andrew's College</td>
<td>285</td>
<td>F, M</td>
<td>+61 2 9560 7000 standrewscollege.edu.au</td>
</tr>
<tr>
<td>11</td>
<td>St John's College</td>
<td>252</td>
<td>F</td>
<td>+61 2 9534 5000 stjohnscollege.edu.au</td>
</tr>
<tr>
<td>12</td>
<td>St Paul's College</td>
<td>300</td>
<td>F (PG), M (UG/PG)</td>
<td>+61 2 9510 7444 spauls.edu.au</td>
</tr>
</tbody>
</table>

Independently run student housing (Up to $689 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>15</td>
<td>Sydney University Village</td>
<td>650</td>
<td>F, M</td>
<td>+61 2 9351 3322 sydney.edu.au/accommodation</td>
</tr>
<tr>
<td>18</td>
<td>Urbanest Glebe</td>
<td>185</td>
<td>F, M</td>
<td>+61 2 8091 9559 urbanest.com.au/sydney/glebe</td>
</tr>
<tr>
<td>19*</td>
<td>Stucco</td>
<td>40</td>
<td>F, M</td>
<td>stucco.org.au</td>
</tr>
</tbody>
</table>

Camden and Cumberland campuses

University residences ($155–$355 per week)
The University residences on our Camden and Cumberland campuses are managed by the University Accommodation Services and 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></td>
<td>Nepean Hall (Camden)</td>
<td>43</td>
<td>F, M</td>
<td>+61 2 9351 3322 sydney.edu.au/accommodation</td>
</tr>
<tr>
<td></td>
<td>Nepean Lodge (Camden)</td>
<td>98</td>
<td>F, M</td>
<td>+61 2 9351 3322 sydney.edu.au/accommodation</td>
</tr>
<tr>
<td></td>
<td>Yannadah (Cumberland)**</td>
<td>39</td>
<td>F, M</td>
<td>+61 2 9351 3322 sydney.edu.au/accommodation</td>
</tr>
</tbody>
</table>

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

Important fee information: All accommodation fees listed above are in Australian dollars. They are intended as a guide and are based on 2019 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.
“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, current student

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.
Career pathways
- Architect
- Building designer
- Construction manager
- Data visualisation specialist
- Design manager
- Front-end developer
- Interaction designer
- Lighting designer
- Property and real estate developer
- Project manager
- Service designer
- Sustainability manager
- Urban planner
- User-experience (UX) designer

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.

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 international experience through placements and internships, and by engaging with our partners across the built environment and interactive design industries. By studying with us, you’ll develop big-picture thinking and work towards answering global challenges. You’ll graduate ready for a career that is creatively driven and technically challenging.

We’re ranked 1st in Australia and 16th in the world for architecture/built environment.*

Why study architecture, design and planning at Sydney?
- We’re ranked 1st in Australia and 16th in the world for architecture and the built environment.*
- We have some of the best equipped fabrication laboratories in Australia, providing a hub for experimentation, digital design and robotic processes.
- Our Bachelor of Design Computing is one of the first courses of its kind in the world, combining creativity and code.

Refer to the A to Z course table on pages 50 to 77 to find out about our architecture, design and planning courses.

* QS World University Rankings by Subject, 2018

Sample course structure: Bachelor of Architecture and Environments
Note: Course structure is indicative only. For more information, visit sydney.edu.au/courses/architecture

<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>Design Processes and Methods</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Empirical Thinking</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Design Integration Lab: Materials</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Design Integration Lab: Energy</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Architectural Technologies 3</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Property and the Built Environment</td>
</tr>
</tbody>
</table>
ARTS AND SOCIAL SCIENCES

Career pathways
− Anthropologist
− Archaeologist
− Artist
− Business administrator or manager
− Economist
− Editor or publisher
− Foreign affairs and trade officer
− Government policy officer
− Heritage specialist
− Journalist
− Museum or gallery curator
− Policy adviser
− Public relations manager
− Researcher
− Sociologist

In the arts and social sciences, 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

“Always wanted to build a business and to create something new. Interestingly, 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
Arts and Social Sciences graduate (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 choosing, from anthropology, digital cultures and economics to languages, history and sociology.

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 at Sydney?
− We are ranked 17th in the world for studies in the arts and humanities.*
− We offer one of the most comprehensive ranges of humanities and social sciences subjects in Australia.
− 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.

Refer to the A to Z course table on pages 50 to 77 to find out about our arts and social sciences degrees.

Sample course structure: Bachelor of Arts/Bachelor of Advanced Studies, with majors in cultural studies and Biology
Note: Course structure is indicative only. For more information, visit sydney.edu.au/courses/arts

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of Study</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Introduction to Cultural Studies</td>
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<td></td>
<td></td>
<td>Global America</td>
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<td></td>
<td></td>
<td>Life and Evolution</td>
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<td></td>
<td></td>
<td>Cultural Difference: An Introduction</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Screen Cultures and Gender: Film to Apps</td>
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<tr>
<td></td>
<td></td>
<td>Introduction to Film Studies</td>
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<tr>
<td></td>
<td></td>
<td>From Molecules to Ecosystems</td>
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<td></td>
<td></td>
<td>Design Theory and Culture</td>
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<tr>
<td>2</td>
<td>1</td>
<td>Animal &amp; Human Cultures</td>
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<tr>
<td></td>
<td></td>
<td>Cultures of Food: Europe</td>
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<tr>
<td></td>
<td></td>
<td>Screening Europe: After 1989</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Youth and Youth Culture</td>
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<tr>
<td></td>
<td></td>
<td>Science, Ethics and Society</td>
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<td></td>
<td></td>
<td>Writing for the Digital World</td>
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<tr>
<td>3</td>
<td>1</td>
<td>Using Cultural Theory</td>
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<tr>
<td></td>
<td></td>
<td>Everyday Life: Theories and Practices</td>
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<td></td>
<td></td>
<td>Genetics and Genomics</td>
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<td></td>
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<td>Ecology</td>
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<td>2</td>
<td>1</td>
<td>The Social Life of Policy</td>
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<td></td>
<td></td>
<td>Interdisciplinary Impact in Cultural Studies</td>
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<tr>
<td></td>
<td></td>
<td>Developmental Genetics</td>
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<tr>
<td></td>
<td></td>
<td>Biological Interdisciplinary Project</td>
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<tr>
<td>4</td>
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<td>Advanced Coursework/Honours</td>
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<td></td>
<td></td>
<td>Advanced Project Unit/Honours</td>
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<td></td>
<td>Advanced Coursework/Elective/Honours</td>
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<tr>
<td>4</td>
<td>2</td>
<td>Advanced Coursework/Honours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Advanced Project Unit/Honours</td>
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<tr>
<td></td>
<td></td>
<td>Advanced Coursework/Elective/Honours</td>
</tr>
</tbody>
</table>

* QS World University Rankings by Subject, 2018

Do you have artistic talent?
Sydney College of the Arts has been Sydney’s premier training ground for contemporary visual artists for more than 40 years. Our hands-on degrees focus on developing the conceptual, theoretical and technical skills needed to succeed as a practising artist.

Learn from renowned experts across more than 45 subjects.

We’re ranked 17th in the world for studies in the arts and humanities.*
Graduate career-ready
Meet the future demands of business with one of our degrees, developed in collaboration with our industry partners. Gain advanced technical knowledge, as well as adaptability, resilience, and strong skills in communication, critical thinking and leadership, that will prepare you for a global career.

These skills are developed by a case-based learning approach, where you’ll work in cross-disciplinary teams and apply problem-solving skills.

Opportunities are also available to put your learning into practice by working for a leading organisation, with industry placements available in Australia and around the world.

Why study business at Sydney?
- Choose from a range of majors (see page 58 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 Careers and Employability Office, a dedicated service for business students.

This approach means you’ll be equipped and ready to start a successful career upon graduation.

Refer to the A to Z course table on pages 50 to 77 to find out about our business courses.

Sample course structure: Bachelor of Commerce/Bachelor of Advanced Studies, Professional Accounting program with a major in Finance
Note: Course structure is indicative only. For more information, visit sydney.edu.au/courses/business

<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</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Leading and Influencing in Business</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Digital Influence through Social Media</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Financial Accounting B</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Project unit (12 credit points), such as Research Project, Community Project, Industry Project or Entrepreneurship Project</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Advanced coursework elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Project unit (12 credit points), such as Research Project, Community Project, Industry Project or Entrepreneurship Project</td>
</tr>
</tbody>
</table>

* QS World University Rankings by Subject, 2018

Studying at the business school gave me the best possible foundation to secure a competitive graduate position in the investment banking industry after graduating. I wouldn’t be where I am today without the experience and education I received at the University of Sydney.”

Elicia McDonald
Investment Associate, AirTree Ventures
Bachelor of Commerce (Honours) 2010
Extracurricular activities: President of the Financial Management Association of Australia at the University of Sydney
We're ranked 12th in the world for education.*

Develop your professional identity and learn in real-world settings via fieldwork and placements.

“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) 2008
Activist, member of the Education and Social Work Students Society

Develop the next generation of thinkers
Engage minds and ignite the creativity of the next generation as a Sydney graduate. 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 develop skills in policy development, frontline social care, counselling, advocacy and community development.

As a 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 at Sydney?
- 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 hands-on 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 social work degrees are accredited by the Australian Association of Social Workers (AASW).

Refer to the A to Z course table on pages 50 to 77 to find out about our education and social work courses.

Sample course structure: Bachelor of Education (Secondary: Humanities and Social Sciences)/Bachelor of Arts (Ancient History, Latin)
Note: Course structure is indicative only. For more information, visit sydney.edu.au/courses/education-social-work

<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>Education, Teachers and Teaching, Age of Empires Introduction to Latin 1 Introduction to Latin 2 Greek and Roman Myth</td>
</tr>
<tr>
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<td>2</td>
<td>Human Development and Education, Civilisations of the Ancient World Pedagogy and Professional Practice 1 Intermediate Latin 2 Law, Disorder and Ideology in Rome</td>
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<td>1</td>
<td>Educational Psychology, Pedagogy and Professional Practice 1</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Social Perspectives in Education, Literacy and Diversity Intermediate Latin 2 Ancient Greek Democratics</td>
</tr>
<tr>
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<td>2</td>
<td>First Teaching Area Curriculum unit 1 (Ancient History), Second Teaching Area Curriculum unit 1 (Latin) Ancient Egyptian Religion and Magic</td>
</tr>
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<td>4</td>
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<td>First Teaching Area Curriculum unit 2 (Ancient History), Second Teaching Area Curriculum unit 2 (Latin) Information Technology in Schools Pedagogy and Professional Practice 2 Professional Experience A</td>
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<td>1</td>
<td>First Teaching Area Curriculum unit 3 (Ancient History), Second Teaching Area Curriculum unit 3 (Latin) Indigenous Education: Secondary Schools Pedagogy and Professional Practice 3 Professional Experience B</td>
</tr>
<tr>
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<td>2</td>
<td>Reading and Applying Educational Research OR Education Honours Research, Positive Approaches to Special Education Historiography Ancient and Modern Interdisciplinary Impact in Ancient History</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>Cultural Competence: Fundamentals, Professionalism in the Workplace Indigenous Latin Latin Republican Poetry</td>
</tr>
<tr>
<td>5</td>
<td>2</td>
<td>Education III Optional Unit of Study OR Education Honours Dissertation, Internship, Secondary Education Year 5 elective (Alsopp)</td>
</tr>
</tbody>
</table>

* QS World University Rankings by Subject, 2018
** The Bachelor of Education (Early Childhood) is Listed under the Australian Children’s Education and Care Quality Authority’s (ACECQA) approved qualification list.
“To be able to provide safe drinking water, inexpensive medicines and cleaner energy is so empowering. I was drawn to the fact that there is so much potential for humanitarian engineering using the knowledge gained from this degree.”

Lucy Parsons
Bachelor of Engineering Honours (Chemical and Biomolecular)

Prepare yourself for a future-focused career

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

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

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 at Sydney?

- We are ranked in the top 40 universities in the world for engineering and technology.**
- Our fantastic new multimillion-dollar engineering precinct is now underway.
- We have the largest biomedical engineering program of its kind in the southern hemisphere.
- More than double the national average of women study engineering, computing and project management with us.***

Refer to the A to Z course table on pages 50 to 77 to find out about our engineering, project management and advanced computing courses.

Areas of study

- Computer science at Sydney?
- Why study engineering and computer science at Sydney?
- Make a powerful impact to improve the lives of people around the world with a degree in engineering, project management or advanced computing. From AI to space travel, engineers, project managers and computer scientists develop innovative and sustainable solutions to society’s greatest problems.
- sydney.edu.au/courses/engineering-computer-science

76 percent of the fastest-growing occupations need STEM skills and knowledge.*

We award more than $8 million in engineering and computing scholarships every year.

Prepare yourself for a future-focused career

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Areas of study

- Computer science at Sydney?
Career pathways
Legal
− Barrister
− Judge
− Magistrate
− Solicitor
Non-legal
− Diplomacy
− Foreign affairs
− Human rights
− International relations
− Investment banking
− Journalism
− Management consultancy
− Project management
− Public policy
− Research and development

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.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 at Sydney?
− As one of the world’s leading law schools, we are ranked 14th in the world for law.*
− 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.
− Sydney Law School is the only law school in the world to win the prestigious Philip C. Jessup International Law Moot Court Competition five times.

Refer to the A to Z course table on pages 50 to 77 to find out about our law courses.

Sample course structure: Bachelor of Arts (Global Studies major)/Bachelor of Laws
Note: Course structure is indicative only, for more information visit sydney.edu.au/courses/law

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
<th>Introduction to International and Global Studies</th>
<th>History Workshop</th>
<th>Foundations of Law</th>
<th>Legal Research I**</th>
<th>Legal Research II**</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Introduction to Sociology I</td>
<td>Global America</td>
<td>Design Theory and Culture</td>
<td>Torts</td>
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</tr>
<tr>
<td>2</td>
<td>1</td>
<td>The End of Empire and the New States</td>
<td>Power and Identity in a Global Era</td>
<td>Civil and Criminal Procedure</td>
<td>Contracts</td>
<td></td>
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</tr>
<tr>
<td>2</td>
<td>2</td>
<td>The Dynamics of Global Economy</td>
<td>International Actors and Networks</td>
<td>Criminal Law</td>
<td>Cross-Cultural Communication</td>
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<tr>
<td>3</td>
<td>1</td>
<td>Social Movements in the Global South</td>
<td>Interdisciplinary Impact in Global Studies</td>
<td>Indonesian 1A</td>
<td>Public International Law</td>
<td>Legal Research I**</td>
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<td>2</td>
<td>2</td>
<td>Conflict and its Consequences</td>
<td>Global Ethics: Philosophy</td>
<td>Torts and Contracts II</td>
<td>Public Law</td>
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<td>4</td>
<td>1</td>
<td>Administrative Law</td>
<td>Federal Constitutional Law</td>
<td>Introduction to Property and Commercial Law</td>
<td>The Legal Profession</td>
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<td>2</td>
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<td>Corporations Law</td>
<td>Equity</td>
<td>Evidence</td>
<td>Real Property</td>
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<td>Private International Law A</td>
<td>Advanced Public International Law</td>
<td>Social Justice Legal Clinic A</td>
<td>Criminology</td>
<td></td>
<td></td>
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<td>1</td>
<td>World Trade Organization Law I</td>
<td>Philosophy of International Law</td>
<td>Anti-Discrimination Law</td>
<td>International Human Rights Law</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Areas of study

Note: Course structure is indicative only, for more information visit sydney.edu.au/courses/law

* QS World University Rankings by Subject, 2018

** Legal Research I and Legal Research II are zero credit point units but are compulsory examinable units which count towards the first degree in the combined Law program.

Global Studies and Media Studies majors are available as part of our Arts/Law degree.
**MEDECINE AND HEALTH**

Pursue your passion in health and get ready for a career where you can make a difference to millions of lives. 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

Doctors, dentists, nurses, pharmacists, and health professionals of all kinds are in constant demand in Australia and around the world. 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, 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.

**Why study medicine and health at Sydney?**

- We’re world leaders in medicine and health, ranked second in the world for sports-related disciplines, and in the top 20 in the world for anatomy, medicine, nursing and pharmacy.
- With the largest range of clinical placement partners in NSW, you’ll receive real-world, hands-on training.
- Our global partnerships give you the opportunity for clinical placements around the world, with two-thirds of our medical students taking an overseas placement.

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

**Career pathways**

- Biomedical engineer
- Biostatistician
- Dentist
- Diagnostic radiographer
- Doctor
- Exercise and sport scientist
- Exercise physiologist
- Health policy
- Health management
- Indigenous health
- International aid and development
- Occupational therapist
- Oral health therapist
- Pharmaceutical representative
- Pharmacist
- Physiotherapist
- Registered nurse
- Rehabilitation counsellor
- Speech language pathologist

“No single day is ever the same.
I thrive in a fast-paced, challenging environment, so the emergency department is the place to be if you enjoy the adrenaline rush. I get a lot of satisfaction each day at work knowing that I’ve contributed to improving someone’s health and wellbeing.”

Ryan Catahan
Nursing (Advanced Studies)
Emergency nurse, Westmead Hospital

**Sample course structure: Bachelor of Applied Science (Physiotherapy)**

Note: This is a professional degree and follows a specific study pattern. Course structure is indicative only. For more information, visit sydney.edu.au/courses/medicine-and-health

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>Functional Musculoskeletal Anatomy A</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>Body Systems: Structure and Function</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Functional Musculoskeletal Anatomy B</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Neuroscience</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Motor Control and Learning</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Exercise Physiology for Clinicians</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>PT in Musculoskeletal Conditions B</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>PT in Neurological Conditions A</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>PT in Respiratory and Cardiac Conditions A</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>PT in Respiratory and Cardiac Conditions B</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Clinical Practicum C</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>Clinical Practicum D</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>Advanced Professional Practice A</td>
</tr>
<tr>
<td>5</td>
<td>2</td>
<td>Advanced Professional Practice B</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>Clinical Practicum F</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>Physiotherapy in Sport and Recreation</td>
</tr>
</tbody>
</table>

Note: This is a professional degree and follows a specific study pattern. Course structure is indicative only. For more information, visit sydney.edu.au/courses/medicine-and-health

sydney.edu.au/courses/medicine-and-health
Sydney Conservatorium of Music has been at the centre of Sydney’s cultural history for more than 100 years. Through our flexible courses you can focus on diverse areas such as composition, contemporary music, jazz, musicology, performance or music education.

- sydney.edu.au/courses/music

Immerse yourself in music
Studying at the Conservatorium will help define your career and shape you as a person. You will be mentored by leaders across all areas of music. You’ll expand your creative thinking and musical tastes and hone your analytical and listening skills by choosing to focus on one area of expertise or exploring a range of options.

We collaborate with many leading international music conservatories and universities, providing you with the opportunity for exchanges, and we welcome various international artists for you to learn from. Our graduates have become outstanding musicians, composers, teachers, scholars and members of great bands and orchestras around the world. At the Conservatorium you will form musical partnerships that last a lifetime.

From Haydn to hip-hop, film scores and jazz, you can enjoy a breadth of musical study that will prepare you for a broad range of careers.

Why study music at Sydney?
- The Conservatorium offers the best facilities to study music in the Asia-Pacific region and is just a short stroll from the Sydney Opera House.
- A proud history of musical excellence coupled with a future-focused outlook.
- A range of choices in your degree progression, 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.
- Expertise in performance and composition, musicology, music education, and Indigenous and Asian ethnomusicology.
- Have the opportunity to study and perform internationally.

Refer to the A to Z course table on pages 50 to 77 to find out about our music courses.

Sample course structure: Bachelor of Music (Performance) – Orchestral Instrument major
Note: Course structure is indicative only, for more information visit sydney.edu.au/courses/music

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Project 1A</td>
<td>Project-related advanced coursework</td>
</tr>
<tr>
<td></td>
<td>Project 2A</td>
<td>Project-related advanced coursework</td>
</tr>
<tr>
<td>2</td>
<td>Project 1A</td>
<td>Free choice advanced coursework</td>
</tr>
<tr>
<td></td>
<td>Project 2A</td>
<td>Free choice advanced coursework</td>
</tr>
<tr>
<td>3</td>
<td>Principal Study 5 (extended)</td>
<td>Orchestral Studies 5</td>
</tr>
<tr>
<td></td>
<td>Principal Study 6 (extended)</td>
<td>Orchestral Studies 6</td>
</tr>
<tr>
<td>4</td>
<td>Principal Study 1</td>
<td>Music Theory and Aural Skills</td>
</tr>
<tr>
<td></td>
<td>Principal Study 2</td>
<td>Music Theory and Aural Skills</td>
</tr>
<tr>
<td></td>
<td>Principal Study 3 (extended)</td>
<td>Music Theory and Aural Skills</td>
</tr>
<tr>
<td></td>
<td>Principal Study 4 (extended)</td>
<td>Music Theory and Aural Skills</td>
</tr>
<tr>
<td>1</td>
<td>Project 1A</td>
<td>Project-related advanced coursework</td>
</tr>
<tr>
<td></td>
<td>Project 2A</td>
<td>Project-related advanced coursework</td>
</tr>
</tbody>
</table>

Major 1 Core unit elective Elective Advanced coursework (4000-level units and above)

* Common to all undergraduate music degrees

“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
SCIENCE

Career pathways
- Agricultural consultant
- Astronomer
- Commodity trader
- Environmental scientist
- Food technologist
- Hydrologist
- Livestock manager
- Mathematician
- Medical scientist
- Nanoscientist
- Nutritionist
- Plant geneticist
- Psychologist
- Veterinarian

At Sydney, we’ve united our expertise in areas like psychology, food science and nanoscience, as well as animal and human health, to offer you the broadest possible choice. Alongside biology, chemistry and physics, we have new courses in conservation and mathematics.

- sydney.edu.au/courses/science

"Science is a wonderful degree with fascinating content and a range of opportunities. Not only will you learn about the intriguingly intricate way the world works, you’ll be taught how to think critically, carefully and curiously — like a true scientist!"

Alison Campbell
Bachelor of Science (Advanced) majoring in Nanoscience and Technology

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 new 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.

- sydney.edu.au/courses/science

We are ranked 1st in Australia and 11th in the world for veterinary science.*

Learn with experts at Sydney Nano and the Charles Perkins Centre.

Why study science at Sydney?
- Study in some of the world’s best scientific facilities, including Sydney Nano, the Charles Perkins Centre, our Veterinary Hospital and Clinic or Plant Breeding Institute.
- A range of study options including flexible liberal studies degrees and professionally accredited programs in psychology, nutrition, veterinary science and 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.

Refer to the A to Z course table on pages 50 to 77 to find out about our science, agriculture, environment and veterinary science courses.

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

Note: Course structure is indicative only. For more information, visit sydney.edu.au/courses/science

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Unit of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Earth, Environment and Society Science</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>From Molecules to Ecosystems Science</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Concepts in Environment and Resource Economics Introduction to Programming Writing for the Digital World Data Science: Big Data and Data Diversity</td>
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<tr>
<td></td>
<td>2</td>
<td>Environmental and Resource Management Popular Culture and Politics Digital Influence through Social Media Data Analytics: Learning from Data</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Environmental Law and Ethics Environmental Studies Selective Data Methods Data Science Selective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Urban Citizenship and Sustainability Environmental Studies Selective Data Application Interdisciplinary project</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>Research, community, industry or entrepreneurship project Advanced coursework</td>
</tr>
</tbody>
</table>

* QS World University Rankings by Subject, 2018
Below is a guide to the Australian Tertiary Admission Rank (ATAR) and International Baccalaureate (IB) scores for admission in 2020. For most courses, the scores are guaranteed, except where marked with an asterisk (*). The asterisked scores are an indicative score for what you will need for admission in 2020. 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](http://sydney.edu.au/sydney-atar)

### 2020 Guide to Admission Criteria for Domestic Students

#### Arts and social sciences

<table>
<thead>
<tr>
<th>Course name</th>
<th>ATAR/IB</th>
<th>Duration in years</th>
<th>See page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Business Management</td>
<td><strong>98/40</strong></td>
<td>3</td>
<td>69</td>
</tr>
<tr>
<td>B Business and Marketing</td>
<td><strong>90/33</strong></td>
<td>4</td>
<td>57</td>
</tr>
<tr>
<td>B Communication and Media</td>
<td><strong>90/33</strong></td>
<td>4</td>
<td>57</td>
</tr>
<tr>
<td>B Creative Industries</td>
<td><strong>90/33</strong></td>
<td>4</td>
<td>57</td>
</tr>
<tr>
<td>B Creative Industries (International)</td>
<td><strong>90/33</strong></td>
<td>4</td>
<td>57</td>
</tr>
<tr>
<td>B Education (Early Childhood)</td>
<td><strong>90/33</strong></td>
<td>4</td>
<td>57</td>
</tr>
<tr>
<td>B Education (Health and Physical Education)</td>
<td><strong>90/33</strong></td>
<td>4</td>
<td>57</td>
</tr>
<tr>
<td>B Education (Secondary: Humanities and Social Sciences)</td>
<td><strong>90/33</strong></td>
<td>4</td>
<td>57</td>
</tr>
<tr>
<td>B English</td>
<td><strong>90/33</strong></td>
<td>4</td>
<td>57</td>
</tr>
<tr>
<td>B English (Advanced)</td>
<td><strong>90/33</strong></td>
<td>4</td>
<td>57</td>
</tr>
<tr>
<td>B English (Secondary: Humanities and Social Sciences)</td>
<td><strong>90/33</strong></td>
<td>4</td>
<td>57</td>
</tr>
<tr>
<td>B English (Secondary: Language)</td>
<td><strong>90/33</strong></td>
<td>4</td>
<td>57</td>
</tr>
<tr>
<td>B Film and Television</td>
<td><strong>90/33</strong></td>
<td>4</td>
<td>57</td>
</tr>
<tr>
<td>B Fine Arts</td>
<td><strong>90/33</strong></td>
<td>4</td>
<td>57</td>
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<tr>
<td>B Fine Arts (Public and International Relations)</td>
<td><strong>90/33</strong></td>
<td>4</td>
<td>57</td>
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<tr>
<td>B Fine Arts/Sciences (Dual Degree)**</td>
<td>A/C</td>
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<td>B Fine Arts/Sciences</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>B Fine Arts/Sciences (Public and International Relations)</td>
<td>A/C</td>
<td>3-2</td>
<td>54</td>
</tr>
<tr>
<td>B Fine Arts/Sciences (Public and International Relations)**</td>
<td>A/C</td>
<td>3-2</td>
<td>54</td>
</tr>
<tr>
<td>B Fine Arts/Sciences (Dual Degree)**</td>
<td>A/C</td>
<td>3-2</td>
<td>54</td>
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<tr>
<td>B Visual Arts</td>
<td><strong>90/33</strong></td>
<td>4</td>
<td>57</td>
</tr>
<tr>
<td>B Visual Arts/Sciences (Dual Degree)**</td>
<td>A/C</td>
<td>3-2</td>
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<td>Diploma of Arts*</td>
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<tr>
<td>Diploma of Language Studies*</td>
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<td>1</td>
<td>77</td>
</tr>
<tr>
<td>Diploma of Social Sciences*</td>
<td>na</td>
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</table>

#### Engineering and computer science

<table>
<thead>
<tr>
<th>Course name</th>
<th>ATAR/IB</th>
<th>Duration in years</th>
<th>See page</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Advanced Computing</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Advanced Computing/Information Security</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Advanced Computing/Network Security</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Advanced Computing/Software Engineering</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Advanced Computing/Systems Engineering</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science (Chemical and Biomolecular)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science (Computer and Information Science)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science (Electrical and Electronic Engineering)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science (Engineering and Business)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science (Engineering and Information Technology)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science (Engineering and Management)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science (Environmental and Energy Engineering)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science (Environmental and Resource Engineering)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science (Geological Engineering)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science (Healthcare Engineering)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science (Medical and Biological Engineering)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science (Mechanical and Manufacturing Engineering)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science (Mining and Resources Engineering)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science (Nursing and Midwifery)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science (Optometry)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
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<tr>
<td>B Applied Science (Physiotherapy)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Applied Science (Speech Pathology)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
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</tbody>
</table>

#### Education and social work

<table>
<thead>
<tr>
<th>Course name</th>
<th>ATAR/IB</th>
<th>Duration in years</th>
<th>See page</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Education (Early Childhood)</td>
<td><strong>90/33</strong></td>
<td>3</td>
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</tr>
<tr>
<td>B Education (Health and Physical Education)</td>
<td><strong>90/33</strong></td>
<td>3</td>
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<tr>
<td>B Education (Primary)</td>
<td><strong>90/33</strong></td>
<td>3</td>
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</tr>
<tr>
<td>B Education (Secondary: Humanities and Social Sciences/B Business)</td>
<td><strong>90/33</strong></td>
<td>3</td>
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<tr>
<td>B Education (Secondary: Mathematics/B Science)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>B Education (Secondary: Science/B Science)</td>
<td><strong>90/33</strong></td>
<td>3</td>
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<tr>
<td>B Social Work</td>
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<tr>
<td>B Arts/Sciences (Dual Degree)**</td>
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#### Business

<table>
<thead>
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<th>Course name</th>
<th>ATAR/IB</th>
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<tr>
<td>B Business Management</td>
<td><strong>98/40</strong></td>
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<tr>
<td>B Business and Marketing</td>
<td><strong>90/33</strong></td>
<td>3</td>
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<tr>
<td>B Communication and Media</td>
<td><strong>90/33</strong></td>
<td>3</td>
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<tr>
<td>B Creative Industries</td>
<td><strong>90/33</strong></td>
<td>3</td>
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<tr>
<td>B Creative Industries (International)</td>
<td><strong>90/33</strong></td>
<td>3</td>
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<tr>
<td>B Education (Health and Physical Education)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>69</td>
</tr>
<tr>
<td>B Education (Primary)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>69</td>
</tr>
<tr>
<td>B Education (Secondary: Humanities and Social Sciences/B Arts)</td>
<td><strong>90/33</strong></td>
<td>3</td>
<td>69</td>
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<tr>
<td>B Social Work</td>
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<td>3</td>
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</tr>
</tbody>
</table>

#### 2020 GUIDE TO ADMISSION CRITERIA FOR DOMESTIC STUDENTS

With more than 400 areas of study to choose from, we offer an incredible breadth and depth of courses.
Courses A-Z

B Advanced Computing
ATAR 90
IB 35
UAC 513500
4 years full time
Dalyell by invitation

Designed with leaders in the IT field, this degree will help prepare you for an exciting career in information technology. 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 advanced IT courses, you can combine your passion for computing with one of more than 100 cross-disciplinary majors, as you cultivate specialist industry knowledge and computing expertise.

You will choose one IT 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.

Assumed knowledge/Prerequisite

Career possibilities

Computer programmer, computer system administrator, consultant, entrepreneur, information services management, systems analyst, software engineer, user experience, web development and management

B Advanced Computing/ B Science
ATAR 95
IB 36
UAC 513505
5 years full time
Dalyell by invitation

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

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.

Assumed knowledge/Prerequisite

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

B Advanced Computing/ B Science (Medical Science)
ATAR 90
IB 35
UAC 513500
5 years full time
Dalyell by invitation

Redefine the digital and physical landscape. This combined degree will develop your technical skills in computing and IT while cultivating your knowledge of scientific enquiry. Underpinned by critical analytical and leadership skills, you will be positioned to transform our world for the better.

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.

Assumed knowledge/Prerequisite

Computer programmer, consultant, geophysicist, information services management, mathematician, microbiologist, biologist, psychologist, science historian, software engineer, systems analyst, web development and management

B Advanced Computing/ B Science (Health)
ATAR 90
IB 35
UAC 513515
5 years full time
Dalyell by invitation

Transform the health industry and beyond. This combined degree will develop your technical skills in computing and IT while you also explore the latest developments in health and healthcare systems. Combine research and interdisciplinary study to lead the next wave of healthcare innovation.

Refer to B Advanced Computing and B Science (Health). You will complete a major from the options available in the B Advanced Computing and this health major.

You will also have access to the Open Learning Environment to broaden your skills and explore other areas of study.

Assumed knowledge/Prerequisite

Computer programmer, consultant, core professional 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

Dalyell by invitation

Course description

Programs, majors and minors

Assumed knowledge/ Prerequisite

Career possibilities

B Advanced Computing and B Science (Medical Science)

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

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.

Assumed knowledge/Prerequisite

Career possibilities

Computer programmer, consultancy, doctor (after further study in medical, genetic, infectious diseases, researcher, information services management, microbiologist, pathologist, software engineer, systems analyst, web development and management

B Advanced Studies (Coursework)

This degree is available in the following areas: Arts, Commerce, Design Computing, Economics, Science and Visual Arts. You can also take Exercise and Sport Science in the combined Bachelor of Applied Studies/Bachelor of Advanced Studies.

You can take advanced coursework in a thematic area and complete an industry, community or research project.

As relevant to the advanced coursework, project or honours units of study selected

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)

Students who have a qualifying University of Sydney bachelor’s degree will enter the combined Bachelor of Advanced Studies degree, while students with a bachelor’s degree from another institution will complete the non-combined degree.

For honours, you will need a minimum Weighted Academic 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 other requirements specified by that faculty.

As relevant to the advanced coursework, project or honours units of study selected

B Advanced Studies (Psychology)

The Bachelor of Advanced Studies (Psychology) allows you to pursue a pathway to accreditation in psychology. If you do not hold a bachelor’s degree in psychology or have not completed a program in psychology at the University of Sydney:

You will need a completed bachelor’s degree with the equivalent of 12 credit points of foundational units in psychology at the University of Sydney.

You will complete a stream in advanced coursework and a project.

Equivalent of 12 credit points of foundational units of study in psychology at a University of Sydney degree

Clinical psychologist (with additional study, neuroscientist, organiser, psychologist, market researcher, advertising executive, social psychologist, researcher, learning and attention researcher

"A" for Bachelor of, "M" for "Master of" and "D" for "Doctor of"

View A-C, na, A, E, T, P, B, **: see 'Table notes' on page 78

** ATAR/IB scores with an asterisk are indicative only and not guaranteed for admission in 2020.

† ATAR/IB scores with a dagger are indicative only and not guaranteed for admission in 2020.
## B Applied Science (Diagnostical Radiography)

**Course description**
Learn the skills you need to produce world-class medical images 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.

**Assumed knowledge/Prerequisite**
ATAR 95* IB 37*
UAC 553520
4 years full time

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

### Recommended studies
Mathematics plus one of Biology, Chemistry or Physics.

### ATAR scores with an asterisk are indicative only and not guaranteed for admission in 2020.

**∆ From 2020, the mathematics course prerequisites apply to domestic students applying for admission to these courses (International and Torrey Strait Islander applicants may also be assessed separately under the Navigating Program). For how these prerequisites apply to international students, see page 97.**

## B Applied Science (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 addition, you will have the flexibility to take a wide range of electives, or a second major or minor from the shared pool. The University is seeking qualifying accreditation for this course, to enable graduates to register as an exercise scientist with Exercise and Sport Science Australia.

**Assumed knowledge/Prerequisite**
ATAR 92* IB 29*
UAC 555625
3 years full time

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

### Recommended studies
Chemistry and Mathematics

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

**Course description**
In this combined degree, you will develop your skills to integrate exercise and physical activity with the promotion of good health and sports performance and extend your disciplinary expertise with a second major from the shared pool. You’ll also have access to the Open Learning Environment to broaden your skills and explore other areas of study.

**Assumed knowledge/Prerequisite**
ATAR 92* IB 29*
UAC 555626
4 years full time

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

### Recommended studies
Chemistry and Mathematics

## 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.

**Assumed knowledge/Prerequisite**
ATAR 97* IB 37*
UAC 555630
3 years full time

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

### Recommended studies
Chemistry and Mathematics

## B Applied Science (Ocuppational 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.

**Assumed knowledge/Prerequisite**
ATAR 92* IB 34*
UAC 555635
4 years full time

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

### Recommended studies
Biology

## B Applied Science (Physiotherapy)

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

**Assumed knowledge/Prerequisite**
ATAR 92* IB 34*
UAC 555640
4 years full time

**Career possibilities**
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 cardiorespiratory physiotherapy across the lifespan. You will undertake a placement to gain valuable practical experience.

### Recommended studies
Chemistry and Physics

## B Applied Science (Speech Pathology)

**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.

**Assumed knowledge/Prerequisite**
ATAR 92* IB 35*
UAC 555645
3 years full time

**Career possibilities**
You will cover studies in anatomy, audiology, linguistics and language development, neurology, phonetics, psychology, research methods and speech pathology special interest areas like aphasia, cleft palate, dysarthria, dysphagia, stuttering. You will undertake a placement to gain valuable practical experience.

### Recommended studies
Biology Advanced

## B Architecture and Environments

**Course description**
The Bachelor of Architecture and Environments 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.

**Assumed knowledge/Prerequisite**
ATAR 85 IB 31
UAC 501000
3 years full time

**Career possibilities**
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.

### Recommended studies
English Advanced and Mathematics

## B Architecture (additional studies)

**Course description**
The Bachelor of Architecture and Environments 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.

**Assumed knowledge/Prerequisite**
English Advanced and Mathematics

**Career possibilities**
Architect (additional studies in studio, property and real estate, construction, project management, urban designer, urban planner...)

* From 2020, the mathematics course prerequisites apply to domestic students applying for admission to these courses (International and Torrey Strait Islander applicants may also be assessed separately under the Navigating Program). For how these prerequisites apply to international students, see page 97.*
<table>
<thead>
<tr>
<th>Course description</th>
<th>Programs, majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
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</thead>
<tbody>
<tr>
<td><strong>B Arts/Advanced Studies</strong></td>
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<tr>
<td>ATAR 90</td>
<td>IB 38</td>
<td>UAC 513205</td>
<td>4 years full time</td>
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<tr>
<td><strong>B Arts (Dual Degree, Science Po, France)</strong></td>
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<tr>
<td>ATAR 90</td>
<td>IB 38</td>
<td>UAC 513222</td>
<td>4 years full time</td>
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</table>
B Arts/ B Advanced Studies

### Languages

<table>
<thead>
<tr>
<th>Course description</th>
<th>Programs, majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATAR 95 IB 37 UAC 513211 4 years full time</td>
<td>Dalyell by invitation</td>
<td>This degree provides 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 levels of cultural literacy and communication skills.</td>
<td>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’ll 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.</td>
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### Media and Communications

<table>
<thead>
<tr>
<th>Course description</th>
<th>Programs, majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATAR 95 IB 37 UAC 513211 4 years full time</td>
<td>Dalyell by invitation</td>
<td>This degree provides 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 valuable contacts. Internships are available in many areas, including national and international journalism placements, public relations and advertising agencies, national television and radio, and major print and online media.</td>
<td>This stream requires completion of a program in Media and Communications (including a major in Media Studies). A second major must be taken from those available in the B Arts or from the shared pool. You’ll also have access to the Open Learning Environment. In the fourth year of the degree you will undertake advanced coursework and either a substantial real-world industry, community, entrepreneurship or research project, or an honour project.</td>
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</table>

### Politics and International Relations

<table>
<thead>
<tr>
<th>Course description</th>
<th>Programs, majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATAR 95 IB 37 UAC 513220 4 years full time</td>
<td>Dalyell by invitation</td>
<td>This degree covers all aspects of political, cultural and economic relations at both the 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.</td>
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</table>

### Advanced Studies

<table>
<thead>
<tr>
<th>Course description</th>
<th>Programs, majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
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<tbody>
<tr>
<td>ATAR 95 IB 37 UAC 513211 4 years full time</td>
<td>Dalyell by invitation</td>
<td>This degree provides 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 levels of cultural literacy and communication skills.</td>
<td>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’ll 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.</td>
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</tbody>
</table>

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*ATAR/IB scores with an asterisk are indicative only and not guaranteed for admission in 2020.*

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"A" for Bachelor of., "M" for Master of and "D" for Doctor of.

A+ A- C+ C- E+ E- ** *

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** From 2020, the mathematics course prerequisites apply to domestic students applying for admission to these courses (Aboriginal and Torres Strait Islander applicants may also be assessed applying to the Undergraduate Program). For how these prerequisites apply to international students, see page 97.
**B Commerce**

**Course description**
Your global business journey starts here. Your Bachelor of Commerce offers a wide variety of subject options, immersive learning experiences and a strong commercial grounding in business. You will have access to the Open Learning Environment to broaden your skills and explore other areas of study.

**Programs, majors and minors**
You will choose one major from the options below and a second major from the shared pool or these options: Accounting, Banking (major), Business Analytics, Business Information Systems, Business Law, Finance (major), Industrial Relations and Human Resource Management, International Business, Marketing, Professional Accounting (program).

**Assumed knowledge/Prerequisites**

- Mathematics (Band 4) or Mathematics Extension 1 or 2 (or equivalent)
- English (Band 6) or English A (Band 5) or English B (Band 4) or English A/AS (Band 4) or English B/AS (Band 4) or equivalent
- Core areas of study include: accounting, creative technology, design thinking, graphic design, information architecture, physical computing, sound design, user experience and user-centred design. Core studies are in digital design, interaction design, information visualisation design and human computer experience. Related units may be taken from arts and social sciences, business, engineering, information technology, music and visual arts.

**Career possibilities**
Accountant, business analyst, corporate/ business relations officer, economist, entrepreneur, enterprise architect, financial dealer and broker, human resources specialist, international business manager, management consultant, marketing executive, policy adviser, risk manager, social policy advisor, social impact consultant, systems analyst, management consultant, development economist, marketing consultant, researcher, social policy advisor, social impact consultant.

**B Economics**

**Course description**

- From websites and mobile apps to online shopping processes, to immersive environments, you will be at the cutting edge of today’s user experience! FUTD design world when you study with us. As a graduate, your skills in design thinking coupled with technological skills such as coding, will make you highly sought after by a range of employers.

**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 and user-centred design. Core studies are in digital design, interaction design, information visualisation design and human computer experience. Related units may be taken from arts and social sciences, business, engineering, information technology, music and visual arts.

**Assumed knowledge/Prerequisites**

- Mathematics (Band 4) or Mathematics Extension 1 or 2 (or equivalent)
- English (Band 6) or English A (Band 5) or English B (Band 4) or English A/AS (Band 4) or English B/AS (Band 4) or equivalent

- You will complete a program in Economics which includes a major from the last bold, a minor or second major from the shared pool.
- Economics; Economics and Environmental Management, Agricultural and Resource Economics. 

**Career possibilities**
Accountant, banker, business information systems analyst, economic analyst, economist, financial manager, government or NGO worker, information systems manager, industrial relations analyst, researcher, social policy advisor. This degree will also equip you with the capabilities to develop economic and social policy and to work in fields such as business, banking, financial markets and consulting in both the private and public sectors.

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*ATAR IB scores with an asterisk are indicative only and not guaranteed for admission in 2020.**

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*From 2020, the mathematics course prerequisites apply to domestic students applying for admission to these courses (Aboriginal and Torres Strait Islander students may also be assessed separately under the Gadigal Program). For these prerequisites apply to international students, see page 97.*
B Economics/ Advanced Studies

This combined degree will give you a comprehensive understanding of the economy, business and government, and the high level of technical skills to analyse economic and social data and events. A program in Economics gives you an excellent grounding in economic theory and statistics, creating a study profile that reflects your expertise in a range of disciplines.

High achieving students will have the opportunity to combine the highly regarded honours pathway with the strength of economics at the University of Sydney, providing expert training in applied economics, economic theory and econometrics.

Course description

You will complete a program in Economics which includes a major from the list below, and a minor or second major from the shared pool Economics: Econometrics; Financial Economics; Environmental, Agricultural and Resource Economics.

In your final year, you will undertake advanced coursework and either an honours project or a substantial project that builds on the skills and knowledge developed in the Bachelor of Economics. You’ll also take units from the Open Learning Environment.

Assumed knowledge

Mathematics Prerequisite (A) Mathematics for Economics Extension 1 or equivalent

Career possibilities

Accountant, banker, business consultant, corporate financial analyst, economist, financial analyst, health economist, human resource manager, industrial relations specialist, researcher, social policy adviser

B Economics (Dual Degree, Science Po, France)

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 in a social science at the same time.

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

Refer to B Economics for University of Sydney-based majors.

For further information on studies in France, including units of study, please visit the Sciences Po website: www.sciencespo.fr/en/home

Assumed knowledge

Mathematics Prerequisite (B) Mathematics (Band 4) or equivalent

Career possibilities

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

B Education (Early Childhood)

The Bachelor of 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 curricular units in four strong social justice and leadership focus areas, placement experiences in early childhood settings that exceed minimum requirements, and the opportunity to develop and apply research skills in an honours pathway.

You will study specialist units in early childhood education and development, complemented by general units in education and professional studies, as well as electives units of study in the social sciences, social policy and human rights offered by the Faculty of Arts and Social Sciences, the Faculty of Science, and the University of Sydney Business School.

Assumed knowledge

Mathematics Prerequisite (C) Mathematics or Economics or Mathematics Extension 1 or equivalent

Career possibilities

Teaching in a range of early learning centres and preschools (birth-5 years). Qualified early childhood teachers are in high demand and early childhood teaching 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)

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 additional knowledge in areas 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. Totaling 120 units, this will supplement your professional experience placement in schools.

Assumed knowledge

Mathematics Prerequisite (D) Mathematics (Band 4) or equivalent

Career possibilities

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

Prerequisite

You need to select two teaching areas: the first will be education for health and physical education. Second teaching areas may include Aboriginal and Torres Strait Islander studies, biology, business studies, chemistry, commerce, drama, economics, English, geography, history, languages (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 year, when you will be competent to teach under minimal supervision.

Assumed knowledge

B Education (Primary)

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.

Assumed knowledge

Mathematics Prerequisite (E) Mathematics (Band 4) or equivalent

Career possibilities

Teaching in a range of early learning centres and preschools (birth-5 years). Qualified early childhood teachers are in high demand and early childhood teaching is a high priority for both federal and state governments in Australia. Professional recognition Australian Children’s Education and Care Quality Authority.

B Education (Secondary, Humanities and Social Sciences, Arts)

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.

Assumed knowledge

Mathematics Prerequisite (F) Mathematics (Band 4) or equivalent

Career possibilities

Teaching in a range of early learning centres and preschools (birth-5 years). Qualified early childhood teachers are in high demand and early childhood teaching is a high priority for both federal and state governments in Australia. Professional recognition Australian Children’s Education and Care Quality Authority.

Prerequisite

You need to select two teaching areas: the first will be education for health and physical education. Second teaching areas may include Aboriginal and Torres Strait Islander studies, biology, business studies, chemistry, commerce, drama, economics, English, geography, history, languages (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 year, when you will be competent to teach under minimal supervision.

Assumed knowledge

B Education (Special Education)

This degree covers all the key learning areas (general and special educational and professional studies, along with the mandatory areas of Aboriginal and Torres Strait Islander studies) in a specialisation study pathway in mathematics. This degree covers all the key learning areas (general and special educational and professional studies, along with the mandatory areas of Aboriginal and Torres Strait Islander studies) for you to undertake a specialisation study pathway in mathematics.

Assumed knowledge

Mathematics Prerequisite (G) Mathematics (Band 4) or equivalent

Career possibilities

Teaching in a range of early learning centres and preschools (birth-5 years). Qualified early childhood teachers are in high demand and early childhood teaching 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) 2-Year Pathway

The Bachelor of Education (Health and Physical Education) 2-Year Pathway has been designed for students who follow a non-standard pathway into the teaching profession. Students will undertake a range of development and professional studies units prior to commencing their professional experience placement in schools.

Assumed knowledge

Mathematics Prerequisite (H) Mathematics (Band 4) or equivalent

Career possibilities

Teaching in a range of early learning centres and preschools (birth-5 years). Qualified early childhood teachers are in high demand and early childhood teaching is a high priority for both federal and state governments in Australia. Professional recognition Australian Children’s Education and Care Quality Authority.

B Education (Primary) 2-Year Pathway

Assumed knowledge

Mathematics Prerequisite (I) Mathematics (Band 4) or equivalent

Career possibilities

Teaching in a range of early learning centres and preschools (birth-5 years). Qualified early childhood teachers are in high demand and early childhood teaching is a high priority for both federal and state governments in Australia. Professional recognition Australian Children’s Education and Care Quality Authority.

B Education (Secondary, Humanities and Social Sciences, Arts)

Assumed knowledge

Mathematics Prerequisite (J) Mathematics (Band 4) or equivalent

Career possibilities

Teaching in a range of early learning centres and preschools (birth-5 years). Qualified early childhood teachers are in high demand and early childhood teaching is a high priority for both federal and state governments in Australia. Professional recognition Australian Children’s Education and Care Quality Authority.

B Education (Special Education) 2-Year Pathway

Assumed knowledge

Mathematics Prerequisite (K) Mathematics (Band 4) or equivalent

Career possibilities

Teaching in a range of early learning centres and preschools (birth-5 years). Qualified early childhood teachers are in high demand and early childhood teaching is a high priority for both federal and state governments in Australia. Professional recognition Australian Children’s Education and Care Quality Authority.
**B Education (Honours)**

### Course description
This five-year combined degree will provide you with professional qualifications to teach in secondary schools in mathematics and science.

you will acquire a strong practical and theoretical preparation for teaching. The course covers professional 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.

### Assumed knowledge/Prerequisite
- **IB Mathematics**
- **IB Extension 1 or 2** (Band E3), or equivalent

### Career possibilities
- **Mathematics or Physics**
- **Earth’s atmosphere and in space.**
- **Design research and project management.**

### B Education (Honours) (Dual Scholarships)

**ATAR 90**

### Course description
This five-year combined degree will provide you with professional qualifications to teach in secondary schools in mathematics and science.

You will acquire a strong practical and theoretical preparation for teaching. The course covers professional 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.

### Assumed knowledge/Prerequisite
- **IB Mathematics**
- **IB Extension 1 or 2** (Band E3), or equivalent

### Career possibilities
- **Mathematics or Physics**
- **Earth’s atmosphere and in space.**
- **Design research and project management.**

### B Education (Honours) (Aeronautical)

**ATAR 92**

### Course description
Design and operate the aircraft required to work in the field of Engineering Honours (Aeronautical). This degree is designed to provide a comprehensive understanding of the design process and the operation of aircraft within the Earth’s atmosphere and in space. By combining a practical understanding of aircraft design and industry experience, this degree will prepare you for the aerospace industry's next evolution.

### Assumed knowledge/Prerequisite
- **IB Mathematics**
- **IB Extension 1 or 2** (Band E3), or equivalent

### Career possibilities
- **Mathematics or Physics**
- **Earth’s atmosphere and in space.**
- **Design research and project management.**

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*“O” for Bachelor of; “H” for “Master of” and “D” for “Doctor of” A+ C, 4, 5, 7, 8, 9, 10, 12. *See Table notes* on page 78.

**ATAR/IB scores with an asterisk are indicative only and not guaranteed for admission in 2020.**
B Engineering Honours (Mechatronic)

Course description
Load the next generation of machine engineers. The Bachelor of Engineering Honours (Mechatronic) combines mechanical, electronic and software engineering to enable you to create computer-controlled machines and consumer products.

Programs, majors and minors
Degree in mechatronic engineering is underpinned by industry experience and management training that could see you design the smart systems of the future.

Assumed knowledge/Prerequisite
If you are a high-achieving student with an ATAR of 99 (or equivalent) or Mathematics Extension 1 and either Physics or Chemistry, depending on your chosen stream, you will receive 1 year of study.

Career possibilities
Specialised knowledge of robotics and intelligent systems.

B Engineering Honours (Software)

ATAR 92
IB 34
UAC 503565
4 years full time

Course description
Create the software and games of tomorrow. Through the Bachelor of Engineering Honours (Software) you will learn first hand how to design and develop computer games, business applications, operating systems and network control systems. Combining technical knowledge with industry experience, you will be ready to transform the digital world.

Programs, majors and minors
The majors that best align with this stream are: Internet, Computer Engineering, Power Engineering, and Telecommunications Engineering. Majors are optional.

Assumed knowledge
Mathematics Extension 1 and Physics, Mathematics* (Band 4) or Mathematics Extension 1 (Band E3), or equivalent.

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.

B Engineering Honours with Space Engineering major

ATAR 99
IB 42
UAC 503570
4 years full time

Career possibilities
Revolutionise the next generation of space exploration. An innovative program, the Space Engineering major covers all space-related activities, from ground operations to the design and construction of orbital habitats and explorative spacecraft.

Day by day
You will learn to tackle nature's most unforgiving environment in a dynamic and continually evolving industry.

Day 1 by day
This combined degree allows you to study engineering while pursuing your interests in the humanities, social sciences or languages. You can combine any of the Bachelor of Engineering Honours streams with a Bachelor of Arts, where you will access the Open Learning Environment and the shared pool of majors, minors and electives.

Assumed knowledge
Mathematics Extension 1 and Physics, Mathematics* (Band 4) or Mathematics Extension 1 (Band E3), or equivalent.

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.

B Engineering Honours/ B Arts

ATAR 92
IB 34
UAC 503575
5 years full time

Assumed knowledge
Mathematics Extension 1 and, either Physics or Chemistry, depending on the engineering stream; refer to the relevant stream.

Programs, majors and minors
Refer to relevant B Engineering Honours stream and B Arts.

Day by day
In addition to the relevant B Engineering Honours stream, you will take a major from B Arts.

B Engineering Honours/ B Commerce

ATAR 95
IB 56
UAC 503580
5 years full time

Assumed knowledge
Mathematics Extension 1 and, either Physics or Chemistry, depending on the engineering stream; refer to the relevant stream.

Programs, majors and minors
Refer to relevant B Engineering Honours stream and B Commerce.

Day by day
In addition to the relevant B Engineering Honours stream, you will take a major from B Commerce.

B Engineering Honours/ B Civil

ATAR 97
IB 57
UAC 553585
5 years full time

Career possibilities
Refer to the B Engineering Honours (Civil) stream for Architecture for requirements.

Assumed knowledge
Mathematics Extension 1 and Physics, or Mathematics* (Band 4) or Mathematics Extension 1 (Band E3), or equivalent.

Career possibilities
Construction, architecture, and continually evolving industry.

B Engineering Honours/ B Civil/ B Design in Architecture

ATAR 94
IB 56
UAC 553589
5 years full time

Career possibilities
Refer to the B Engineering Honours (Civil) stream and B Design in Architecture for requirements.

Assumed knowledge
Mathematics Extension 1 and Physics, or Mathematics* (Band 4) or Mathematics Extension 1 (Band E3), or equivalent.

Career possibilities
Architecture, architectural technology, banking, construction and mining, engineering and infrastructure consultants, human rights lawyer, architect, interior and special design, municipal councils, project management, public works and urban design, sustainability specialist.

B Engineering Honours/ B Laws

ATAR 95.5
IB 43
UAC 553800
6 years full time

Career possibilities
This six-year combined degree will provide you with 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 legalisation of the legal system. You can combine any of the engineering streams with a Bachelor of Laws.

Assumed knowledge
Mathematics Extension 1 and, either Physics or Chemistry, depending on the engineering stream; refer to the relevant stream.

Day by day
In addition to the relevant B Engineering Honours stream requirements, you will undertake Law units of study. Units of study for Law: First year: Foundations of Law, Legal Research I, Torts. Second year: Civil and Criminal Procedure/Practices, Criminal Law. Third year: Torts and Contracts I. Research (Civil) stream and B Design in Architecture for requirements.

Assumed knowledge
Mathematics Extension 1 and, either Physics or Chemistry, depending on the engineering stream; refer to the relevant stream.

Day 1 by day
This combined degree will develop technical expertise in your chosen stream and complement project management skills. Along with engineering, you will study core project management subjects including project finance, complex project coordination, organisational behaviour and psychology. You can combine any engineering stream with a Bachelor of Project Management.

Assumed knowledge
Mathematics Extension 1 and, either Physics or Chemistry, depending on the engineering stream; refer to the relevant stream.

Career possibilities
Civil Engineering; Environmental Engineer, Sustainability Specialist, Mining Engineer.

B Engineering Honours/ B Laws

ATAR 95.5
IB 43
UAC 553800
6 years full time

Career possibilities
In this combined degree you will develop technical expertise in your chosen stream and complement project management skills. Along with engineering, you will study core project management subjects including project finance, complex project coordination, organisational behaviour and psychology. You can combine any engineering stream with a Bachelor of Project Management.

Assumed knowledge
Mathematics Extension 1 and, either Physics or Chemistry, depending on the engineering stream; refer to the relevant stream.

Career possibilities
Civil Engineering; Environmental Engineer, Sustainability Specialist, Mining Engineer.

B Engineering Honours/ B Science

ATAR 97
IB 54
UAC 553595
5 years full time

Career possibilities
In this combined degree you will develop technical expertise in your chosen stream and complement project management skills. Along with engineering, you will study core project management subjects including project finance, complex project coordination, organisational behaviour and psychology. You can combine any engineering stream with a Bachelor of Project Management.

Assumed knowledge
Mathematics Extension 1 and, either Physics or Chemistry, depending on the engineering stream; refer to the relevant stream.

Career possibilities
Civil Engineering; Environmental Engineer, Sustainability Specialist, Mining Engineer.

B Business Honours/ B Science

ATAR 95
IB 54
UAC 553595
5 years full time

Career possibilities
In addition to the relevant B Engineering Honours stream requirements, you will take a major from B Science.

Assumed knowledge
Mathematics Extension 1 and, either Physics or Chemistry, depending on the engineering stream; refer to the relevant stream.

Career possibilities
Civil Engineering; Environmental Engineer, Sustainability Specialist, Mining Engineer.

B Business Honours/ B Laws

ATAR 95.5
IB 43
UAC 553800
6 years full time

Career possibilities
In addition to the relevant B Engineering Honours stream requirements, you will undertake Law units of study. Units of study for Law: First year: Foundations of Law, Legal Research I, Torts. Second year: Civil and Criminal Procedure/Practices, Criminal Law. Third year: Torts and Contracts I. Research (Civil) stream, wrap up studies in a dynamic and continually evolving industry.

Assumed knowledge
Mathematics Extension 1 and, either Physics or Chemistry, depending on the engineering stream; refer to the relevant stream.

Career possibilities
Civil Engineering; Environmental Engineer, Sustainability Specialist, Mining Engineer.

B Business Honours/ B Science

ATAR 95
IB 54
UAC 553595
5 years full time

Career possibilities
In addition to the relevant B Engineering Honours stream requirements, you will take a major from B Science.

Assumed knowledge
Mathematics Extension 1 and, either Physics or Chemistry, depending on the engineering stream; refer to the relevant stream.

Career possibilities
Civil Engineering; Environmental Engineer, Sustainability Specialist, Mining Engineer.
This combined degree enables you to gain technical expertise in your chosen engineering stream and complementary knowledge in health and healthcare provision. Along with engineering, you will gain a thorough grounding in health and health systems at local, national and global levels. The degree will open up career opportunities across a range of diverse and innovative industries. You can combine any engineering stream with a Bachelor of Science (Health), where you will access the Open Learning Environment and the shared pool of majors and minors.

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

**ATAR 92**<br>**IB 54**<br>**UAC 535605**<br>**5 years full time**

**Dalyell by Invitation**

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 basis for postgraduate research or graduate studies in medicine or dentistry. You can combine any engineering stream with a Bachelor of Science (Medical Science), where you will access the Open Learning Environment and the shared pool of majors, minors and electives.

In addition to the relevant B Engineering Honours stream requirements, you will complete a program in Medical Science, including a Major in B Science (Medical Science).

**Assumed knowledge**<br>Specialist Level Mathematics (Band 4) or Mathematics Extension 1, or equivalent

**Prerequisite**<br>Mathematics Extension 1, Physics and/or Chemistry.

**Refer to**<br>Refer to the relevant B Engineering Honours stream and B Science (Health)

### B Liberal Arts and Science

**Course description**

With its flexibility and huge choice of majors, the Bachelor of Liberal Arts and Science provides you with a background in both the humanities and the sciences, and gives you useful skills that will make you highly valued by potential employers in jobs across the market.

**Prerequisites**<br>**ATAR** 95<br>**IB 25**<br>**UAC 515000**<br>**3 years full time**

**Career possibilities**

Arts majors include: American Studies; Ancient Greek; Ancient History; Anthropology; Arabic; Asian Studies; Art History; Asian Studies; Biblical Studies; Classical Hebrew; Chinese Studies; Criminology; Environmental Studies; Film Studies; French and Francophone Studies; German Studies; Germanic Studies; Hebrew (Modern); History; Indigenous Studies; Indonesian Studies; International Comparative Literary Studies; International Relations; Italian Studies; Japanese Studies; Jewish Civilization, 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; Physiology; Plant Productions; Psychological Science; Quantitative Life Sciences; Software Development; Soil Science and Hydrology; Statistics.

**Assumed knowledge**

This depends on the subject areas chosen.

**ATAR/IB scores with an asterisk are indicative only and not guaranteed for admission in 2020.**

"A" for Bachelor of", "M" for "Master of" and "D" for "Doctor of" A-C, ns, e, t, f, ph, " see Table notes" on page 78

* From 2020, the mathematics course prerequisites apply to domestic students applying for admission to these courses (Aboriginal and Torres Strait Islander applicants may also be assessed separately under the Gadigal Program). For how these prerequisites apply to international students, see page 97.

"A+C, na, ∆, ^, †, ‡, ф, **: see ‘Table notes’ on page 78

'B' for 'Bachelor of', 'M' for 'Master of' and 'D' for 'Doctor of'

5 years full time Dalyell by Invitation

UAC 515000 3 years full time

"B" for Bachelor of", "M" for "Master of" and "D" for "Doctor of" A-C, ns, e, t, f, ph, " see Table notes" on page 78
B Music (Composition)

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 recognized composers, working across instrumental and vocal to electronic and electroacoustic music. You will learn at firsts of musical composition and be encouraged to realise and create more ambitious work, with many opportunities to hear your work performed.

Assumed knowledge

Music I or 2, or equivalent

Career possibilities

Composer, contemporary music composer, entrepreneur, music teacher.

B Music (Music Education)*

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 take a principal study in Performance (Class or Orchestral Musicology or Composition).

Course description

Music education, music theory or performance study selected from Classical Music, Jazz Studies, Historical Performance, Composition or Musicology. Studies are also undertaken in analysis, history and cultural studies, and music skills (aural perception, harmony and analysis).

Assumed knowledge

Music 2 or equivalent

Prerequisite

The NSW Education Standards Authority (NESA) requires Band 5 in three HSC subjects (or equivalent), one of which needs to be English/English Standard or English Advanced.

Career possibilities

Classroom music teacher, private music teacher, conductor, orchestral musician, chamber musician, concert soloist, arts manager.

B Music (Performance)

The internationally regarded Bachelor of Music in Performance at the Sydney Conservatorium of Music produces performers of the highest calibre. You will combine your chosen principal study with orchestral music and chamber music, and core studies. You will benefit from one-on-one tuition and make use of the Conservatorium’s excellent facilities. There are also opportunities for international tours with professional orchestras, bands and ensembles.

Course description

You will take an instrumental or vocal principal study from Brass, Early Music, Jazz Performance, Music Theatre, Percussion, Piano, Strings, Voice (Classical), Woodwind.

Assumed knowledge

Music 2 or equivalent

Prerequisite

Music 1 or equivalent

Career possibilities

Concert soloist, private music teacher, orchestra musician, chamber musician, concert comic, arts manager.

B Nursing (Advanced Studies)

Provide high-quality care and change lives. The Bachelor of Nursing (Advanced Studies) helps you develop a comprehensive understanding of professional nursing practice. Combining practical learning with extensive theoretical study, this degree will enable you to apply for registration with Australian Health and Medicine Board of Australia and launch your career in healthcare.

Course description

Focus areas for nursing: acute care, aged care, child and adolescent health, chronic illness, clinical practice, Indigenous health, mental health, palliative care and management.

Assumed knowledge

None

Recommended studies

Biological and/or Chemistry

Career possibilities

Registered nurse with a career in a range of health care environments including emergency, intensive care, mental health, cancer and palliative care, child and adolescent health, interprofessional health, education and research.

Professional recognition

Nursing Board of Australia

B Oral Health

Through theoretical and clinical learning sessions, the Bachelor of Oral Health equips you with the required knowledge, clinical skills and experience to deliver person-centred 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 by the Environmental Protection Authority to treat patients with diagnostic radiation.

Course description

You will include dental hygiene and dental therapy service, and oral health promotion.

Assumed knowledge

None

Recommended studies

Biological and/or Chemistry

Career possibilities

Oral health therapist, dental hygienist, dental therapist, community oral health education consultant/advocate.

Professional recognition

Australian Dental Board of Australia

B Pharmacy

Pharmacists are an integral part of the healthcare system and have the capacity to directly affect peoples’ lives and lifestyles.

Course description

This degree delivers the Bachelor of Pharmacy with business studies to help you develop the commercial and communication skills necessary to thrive in a changing and competitive healthcare landscape.

Assumed knowledge

Mathematics (Band 4)

Recommended studies

Biological or Physics

Career possibilities

Pharmacist

B Pharmacy and Management

This degree interleaves the Bachelor of Pharmacy with business studies to help you develop the commercial and communication skills necessary to thrive in a changing and competitive healthcare landscape.

Assumed knowledge

Mathematics (Band 4)

Recommended studies

Business

Career possibilities

Pharmacist

B Project Management

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 Finance, Statistics, Analytics, Risk Management and Entrepreneurial Behaviour and Psychology.

Assumed knowledge

None

Recommended studies

Business

Career possibilities

Project Manager

B Psychology

The Bachelor of Psychology is ideal for the student who wants to work in the industry. By the end of the four-year degree, you will have the basis for professional registration as a psychologist in Australia and experience to start working right away.

Assumed knowledge

None

Recommended studies

Biological and/or Chemistry

Career possibilities

Clinical psychologist

Dalyell by invitation

A wide variety of career choices are open to graduates with psychology degrees, including in community psychology, clinical psychology, educational psychology, occupational psychology, school, social, sport and exercise psychology.

Professional recognition

Accreditation with the Australian Psychological Accreditation Council
B Science

Course description
A Bachelor of Science opens up a world of opportunities. Whether you dream of working at the forefront of research – learning how to analyse and think critically – or want to help make the planet a better place, a Bachelor of Science will give you the skills and knowledge required to pursue an extensive range of established and emerging careers. It will prepare you for the jobs of the future.

You will choose Open Learning Environment units, one major from the options below and either a second major or a minor from these options or from the shared pool.

Agrisciences (program): Animal Health, Disease and Welfare; Animal Production; Applied Medical Science; Biochemistry and Molecular Biology; Biology and Developmental Biology; Chemistry; Computer Science; Data Science; Ecology and Evolutionary Biology; Environment; Environmental Studies; Financial Mathematics and Stadistics; Food Science; Genetics and Genomics; Geography; Geology and Geophysics; History and Philosophy of Science; Immunology (minor); Pathology; Infectious Diseases; Information Systems; Marine Science; Mathematical Sciences (program - available for ATAR 98 or equivalent); Mathematics; Medical Chemistry; Microbiology; Neuroscience (program); Nutrition Science; Pathology (minor); Pharmacology; Physics; Physiology; Plant Production; Plant Science (minor or major); Psychological Science; Psychology (program); Quantitative Life Sciences; Software Development; Soil Science and Hydrology; Statistics; Taronga Wildlife Conservation (program); Virology (minor or major); Wildlife Conservation major (Taronga Wildlife Conservation program or Virology program).

For the Human Movement major

Chemistry

Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or Band E3, or equivalent

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

Assumed knowledge/Prerequisite

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

Assumed knowledge/Prerequisite

Health promotion, policymaking, project and case management, healthcare administration, insurance, business development, marketing and public relations, research, assistance, strength and conditioning consultant, research assistant.

As a Dalyell Scholar in the Bachelor of Science/Bachelor of Advanced Studies from a range of disciplines (after further study), you will take advantage of the shared pool. In the final year, you will complete an honours project.

Dalyell Scholars can undertake a Mathematical Sciences program to combine their interest in mathematics with other areas of science and technology.

Refer to B Science/B Advanced Studies for further details.

Assumed knowledge/Prerequisite

As a Dalyell Scholar in the Bachelor of Science/Bachelor of Advanced Studies, you will undertake some study in mathematics. Other assumed knowledge depends on subjects chosen.

Prerequisite

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 placement or work experience. You will complete units from the Open Learning Environment.

Course description

B Science/B Advanced Studies

Programs, majors and minors

Assumed knowledge/Prerequisite

Career possibilities

This degree opens up a world of opportunity. Whether you dream of working at the forefront of research, learning how to analyse and think critically – or want to help make the planet a better place, the Bachelor of Science/Bachelor of Advanced Studies equips you with the breadth and depth of knowledge and the critical analytical skills to pursue an extensive range of established and emerging careers – from the sciences and beyond.

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 either a substantial real-world industry, community, entrepreneurial or research project, or an honours project.

You will choose one major from the list below and a second major from those options or from the shared pool. You'll also complete units from the Open Learning Environment.

Agrisciences (program): Animal Health, Disease and Welfare; Animal Production; Applied Medical Science; Biochemistry and Molecular Biology; Biology and Developmental Biology; Chemistry; Computer Science; Data Science; Ecology and Evolutionary Biology; Environment; Environmental Studies; Financial Mathematics and Stadistics; Food Science; Genetics and Genomics; Geography; Geology and Geophysics; History and Philosophy of Science; Immunology (minor); Pathology; Infectious Diseases; Information Systems; Marine Science; Mathematical Sciences (program - available for ATAR 98 or equivalent); Mathematics; Medical Chemistry; Microbiology; Neuroscience (program); Nutrition Science; Pathology (minor); Pharmacology; Physics; Physiology; Plant Production; Plant Science (minor or major); Psychological Science; Psychology (program); Quantitative Life Sciences; Software Development; Soil Science and Hydrology; Statistics.

From 2020, the mathematics course prerequisites apply to domestic students applying for admission to these courses. International and Tarrawarra Strzelecki applicants may also be assessed separately under the锴aal Program. For how these prerequisites apply to international students, see page 97.

A*ATAR/IB scores with an asterisk are indicative only and not guaranteed for admission in 2020.

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

Dalyell by application

As a Dalyell Scholar in the Bachelor of Science/Bachelor of Advanced Studies, you will undertake 12 credit points of distinctive Dalyell units complemented by a suite of additional enrichment opportunities, including mentoring, professional placement or work experience. You will complete units from the Open Learning Environment.

Refer to B Science/B Advanced Studies for further details.

Assumed knowledge/Prerequisite

As a Dalyell Scholar, you will undertake some study in mathematics. Other assumed knowledge depends on subjects chosen.

Prerequisite

As a Dalyell Scholar, you will undertake some study in mathematics. Other assumed knowledge depends on subjects chosen.

Prerequisite

As a Dalyell Scholar in the Bachelor of Science/Bachelor of Advanced Studies, you will undertake some study in mathematics. Other assumed knowledge depends on subjects chosen.

Prerequisite

As a Dalyell Scholar, you will undertake some study in mathematics. Other assumed knowledge depends on subjects chosen.

Prerequisite
B Science/ B Advanced Studies (Advanced)

ATAR 91
IB 37
UAC 503935
4 years full time

Day by day by invitation

This combined degree offers exceptional opportunities to budding scientists who relish a challenge. From independent research to in-depth problems and lectures, the advanced stream will give you the skills to embark on postgraduate study or work at the forefront of research.

During this degree you will undertake advanced versions of units of study within your selected majors and combine studies from a range of disciplines in the shared pool.

In the final year, you will undertake advanced coursework and either a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

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; Medical Chemistry; Microbiology; Neurosciences; Nutrition Science; Pharmacology; Physiology; Psychology; Psychological Science; Qualitative Life Sciences; Statistics.

A second major must also be taken from those available in the shared pool. You will also complete Open Learning Environment units.

B Science/ B Advanced Studies (Agricultural)

ATAR 75
IB 26
UAC 503942
4 years full time

Day by day by invitation

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 skills sought after 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 either a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

To further your passion for animal biology, this degree will give you fundamental and applied knowledge in animal biology. You will acquire a broad overview of both domestic and wild species, their habitats and conservation needs, as well as the complex interactions between the environment and the health of animals.

This stream requires completion of a program in Animal and Veterinary Biosciences, including Animal and Veterinary Biosciences major. You will undertake some study in all disciplines in the shared pool. You will also complete units from the Open Learning Environment.

B Science/ B Advanced Studies (Animal and Veterinary Biosciences)

ATAR 90
IB 38
UAC 503945
4 years full time

Day by day by invitation

This stream requires completion of a program in Animal and Veterinary Biosciences, including Animal and Veterinary Biosciences major. You will undertake some study in all disciplines in the shared pool. You will also complete units from the Open Learning Environment.

Assumed knowledge/ Prerequisite

Assumed knowledge: Mathematics or Mathematics Extension 1. All students undertake some study in mathematics. Other assumed knowledge depends on tabets chosen.

Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent

Career possibilities

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

B Science/ B Advanced Studies (Food and Agribusiness)

ATAR 90
IB 28
UAC 513950
4 years full time

Day by day by invitation

This degree will introduce you to the worlds of 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 either a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

Assumed knowledge/ Prerequisite

Assumed knowledge: Mathematics. All students undertake some study in mathematics.

Career possibilities

Agribusiness consultant, 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.
**Course description**

**Programs, majors and minors**

**Assumed knowledge/Prerequisite**

**Career possibilities**

---

**B Science/D Advanced Studies (Taronga Wildlife Conservation)**

**ATAR 05 IB 31**

**4 years full time**

**Dalyell by invitation**

If you dream of making an impact in wildlife conservation to secure a future for wildlife and people, this unique program is for you. Those who do both. 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 and wildlife conservation, and graduate with the knowledge to address global conservation challenges.

In the final year, you will undertake advanced coursework and either a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

You will take a program in Taronga Wildlife Conservation which includes 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.

**Assumed knowledge/Prerequisite**

**Career opportunities**

1. **Ecologist, animal reproduction specialist, conservation, environmental policy maker, 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/D Medicine**

**ATAR A-C 99.95**

**IB A-C 45**

**UAC 515370**

**4 years full time**

**Dalyell by invitation**

This double degree gives you the opportunity to study medicine while undertaking a science.

This double degree is only available for those who have achieved exceptional academic results in 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.

**Assumed knowledge/Prerequisite**

**Career possibilities**

1. **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 scientific and Open Learning Environment units. 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.**

---

**B Science/Laws**

**ATAR 99.5**

**IB 45**

**UAC 515800**

**5 years full time**

**Dalyell by invitation**

The Bachelor of Science/Bachelor of Laws gives you the opportunity to complete a combination of fundamental science subjects, while also developing the knowledge and skills 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. A second major from the remaining law units in your final two years when you can specialise in a particular area of law.

The legal field needs professionals who can understand and apply 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.

Refer to B Science. Please note that the only stream available in this combined degree is the Dalyell stream.


**Assumed knowledge/Prerequisite**

**Career possibilities**

1. **Refer to B Science. You may complete a major in either Business and analytics, health policy.**

---

**B Science/M Mathematical Sciences**

**ATAR 99.5**

**IB 40**

**UAC 515992**

**4.5 years full time**

**Dalyell by invitation**

This combined 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, advanced, specialist courses and project work in order to prepare you for further research or the workplace.

Mathematics is a universal language of science and technology, a core discipline in the sciences, engineering and computer science – 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.

**Assumed knowledge/Prerequisite**

**Career possibilities**

1. **Refer to B Science. Students with Band 1 or 2 in their studies for this degree are also encouraged to apply.**

---

**B Science/D Dental Medicine**

**ATAR A-C 99.95**

**IB A-C 45**

**UAC 515370**

**4 years full time**

**Dalyell by invitation**

If you become a Dalyell Scholar, you will have access to a suite of additional enrichment opportunities and be better prepared for any career path you choose. This double degree is delivered by the faculties of Science and Dentistry.

During the Bachelor of 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.

**Assumed knowledge/Prerequisite**

**Career possibilities**

1. **Dentist in private practice, public service and research, school health, oral health research, academic careers, and a variety of career opportunities across both clinical and non-clinical settings.**

---

**B Science/D Medicine**

**ATAR A-C 99.95**

**IB A-C 45**

**UAC 515370**

**4 years full time**

**Dalyell by invitation**

This double degree gives you the opportunity to study medicine while undertaking a science.

This double degree is only available for those who have achieved exceptional academic results in 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.

**Assumed knowledge/Prerequisite**

**Career possibilities**

1. **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 scientific and Open Learning Environment units. 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.**

---

**B Science/Nursing**

**ATAR 05 IB 28**

**UAC 515245**

**4 years full time**

**Dalyell by invitation**

This double degree gives you the opportunity to study nursing and a science.

This combined Bachelor of Science and Master of Nursing program enables you to develop 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 Master of Nursing, you will undertake more than 1200 clinical placement hours in varied healthcare environments, including specialty areas to use your knowledge of physiology and research.

**Assumed knowledge/Prerequisite**

**Career possibilities**

1. **Refer to B Science and B Science (Medical Science) Prerequisite/Requisite (Mathematics) or Mathematics Extension 1 or 2 Band 3 or equivalent.**

---

**General practice, surgery or other specialties, research, pharmaceutical industry, management consultancy, teaching, medical administrative and medical communication**

---

**‘O’ for Bachelor of, ‘H’ for ‘Master of’ and ‘D’ for ‘Doctor of’**

A *ATAR/IB scores with an asterisk are indicative only and not guaranteed for admission in 2023.*

*ATAR/IB scores with an asterisk are indicative only and not guaranteed for admission in 2023.*

**Courses A-Z** sydney.edu.au
B Science/Health/M Nutrition & Dietetics

ATAR 80 IB 35 UAC 503970 4 years full time

With a solid foundation in science plus a two-year master's degree that has full accreditation from the Dietitians Association of Australia, the four-year Bachelor of Science and Master of Nutrition and Dietetics provides the training you need to launch straight into a career in nutrition and dietetics.

B Social Work

ATAR 80 IB 32 UAC 503270 4 years full time

The Bachelor of 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 fine arts.

B Veterinary Science/D Animal Science

ATAR A C 257* IB 150* UAC 503970 6 years full time

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.

B Visual Arts

ATAR A C 250* IB 35* UAC 503210 5 years full time

The Bachelor of Visual Arts is offered by Sydney College of the Arts, Sydney's premier training ground for contemporary visual artists for more than 40 years.

---

Assumed knowledge/prerequisite

- **ATAR/IB scores with an asterisk are indicative only and not guaranteed for admission in 2020.**
- See "Table notes" on page 78 for full details.
Please note that the admission criteria published are a guide and will not necessarily result in an offer of a place for all courses. The scores listed 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

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

The assumed knowledge, prerequisites and recommended studies listed in our course tables refer to subjects in the NSW Higher School Certificate (HSC) curriculum. For example, ‘Mathematics’ refers to the 2-unit HSC subject by that name, not the HSC subject ‘Mathematics Standard’. From 2021 intake, the required NSW HSC ‘Mathematics’ subject will be Mathematics Advanced or equivalent. Refer to the HSC syllabus to understand the required subjects and standards.


Courses listed in the ‘2020 Guide to admission criteria for international students’ (see pages 98 and 99) are CRICOS registered and available to student visa holders, unless otherwise indicated.

- cricos.education.gov.au

### Key to the table

| A+C | Combination of ATAR (or equivalent score) plus additional admission criteria (e.g., portfolio, audition, interview). Check the details for your specific degree at sydney.edu.au/courses |
| n/a | Not applicable as an admission score cannot be applied. |

### Mathematics course prerequisites

In 2020, the mathematics prerequisites will 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 87.

For how these prerequisites apply to international students, see page 97.

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

### Dalyell Scholars courses (by application)

To study as a Dalyell Scholar in these courses, you need to apply via UAC preference if you are a UAC applicant, and apply direct to the University if you are a direct applicant.

To study as a Dalyell Scholar in other Dalyell-eligible courses, entry is by invitation. You will be invited to become a Dalyell Scholar if you apply for, and are made an offer to, a ‘by invitation’ Dalyell eligible degree and have achieved a 98+ ATAR (or equivalent).

For a full list of courses available to study as a Dalyell Scholar, including requirements via admission pathways, see page 13.

### Course structure subject to change

The structure of this course may be affected by changes to government policy. For the latest information, please visit

- sydney.edu.au/study/tuition-fees
“I loved being part of a community that dedicated itself to considering the big issues that faced our society, and thinking hard about what we needed to do to address them.”

Eddie Woo
Bachelor of Education
(Secondary: Mathematics)
(Honours) ‘08
# IMPORTANT DATES FOR 2020 ENTRY

<table>
<thead>
<tr>
<th>Month</th>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 2019</td>
<td>Check other admission pathways into university in case you don’t meet the required ATAR to receive an offer for your chosen course. Applications for Admission pathways open as early as April, closing dates may vary, and application requirements can be detailed. Do your research early and make sure you submit your applications on time.</td>
<td></td>
</tr>
<tr>
<td>August 2019</td>
<td>Join us on 31 August for Open Day. sydney.edu.au/open-day</td>
<td></td>
</tr>
<tr>
<td>September 2019</td>
<td>Apply for accommodation.</td>
<td>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. Submit your UAC application before the end of September to avoid higher fees.</td>
</tr>
<tr>
<td>December 2019 – January 2020</td>
<td>Year 12 students receive their high school results and ATAR in mid-December. Join us at Info Day. sydney.edu.au/info-day</td>
<td>Check the UAC website to confirm the date by which your UAC preferences need to be finalised. Offers are made via the UAC website. You will receive an email from the University of Sydney within 24 hours with details of your offer and how to accept. You need to accept your offer within 10 days or it may be withdrawn and offered to another applicant in later rounds.</td>
</tr>
<tr>
<td>January – February 2020</td>
<td>UAC releases further offers in waves throughout January and February. 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</td>
<td>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.</td>
</tr>
<tr>
<td>August 2020</td>
<td>Semester 2 begins</td>
<td>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.</td>
</tr>
</tbody>
</table>
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.

− 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 highly competitive. You need to meet specific criteria before we can make an unconditional offer of admission.

Admission into 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
− 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
− your academic performance in an enabling course, such as an approved preparation program for some courses.

Additional admission criteria
For some courses, there may be additional admission criteria, such as an interview, portfolio or performance. For details, see pages 92 and 93, or visit
− sydney.edu.au/ug-entry

Double degrees
Our double degrees have separate progression requirements that must be satisfied 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 apply to domestic students applying for admission in 2020.

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 87.

Refer to the A to Z course table on pages 50 to 77 for course-specific assumed knowledge.

− sydney.edu.au/ug-bridging

3
Explore your entry options
Assumed knowledge
Some courses expect you to have a certain level of knowledge in areas such as mathematics, physics, biology and chemistry.

Refer to the A to Z course table on pages 50 to 77 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/ug-bridging

4
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.

− www.uac.edu.au

Apply for scholarships
In 2018, we awarded more than 2500 scholarships to undergraduate students across more than 200 scholarship programs, based on academic, personal leadership and equity grounds. See pages 90 and 91 for more information.

Most scholarship applications are due by early October 2019, 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.

− sydney.edu.au/scholarships

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Please note that deadlines and application requirements may differ depending on the scholarship.

− sydney.edu.au/scholarships

Visit us on Open Day
Saturday 31 August 2019
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

* 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.
ADMISSION PATHWAYS

Early Offer Year 12 (E12) Scheme
Administered via the Universities Admissions Centre (UAC)’s Schools Recommendation Schemes (SRS), E12 is for students who have been financially disadvantaged during their time at school and who have demonstrated the potential to succeed at the University of Sydney. It offers ATAR adjustments for more than 90 courses.

With E12, you could receive an early conditional offer and a $9500 scholarship to assist you with your transition to university study.

Who is it for?
To be eligible to apply for E12 via UAC’s SRS portal, you need to be:
- assessed by UAC, via the Educational Access Schemes (EAS) program, as experiencing financial hardship (F01A, F01B, F01C or F01D); or
- residing at the time of your UAC application in an area identified by the Australian Bureau of Statistics as being in the lowest 30 percent of socio-economic disadvantage in Australia.

For information about the Socio-Economic Indexes for Areas (SEIFA), search www.abs.gov.au

If you don’t get into the course you want in your first year, you may be eligible to reapply after you complete one full-time year of tertiary study at the University of Sydney or another tertiary institution. This form of admission can be very competitive. While transferring requirements vary between faculties, you will generally be assessed on the basis of the university results you obtain in your first year of study, or your ATAR, depending on which gives you a greater chance of admission.

Future Leaders Scheme
This scheme offers confirmed Dux students and school captains in Australia a guaranteed place at the University of Sydney based on academic achievement and a principal’s nomination from their school.

Broadway Scheme
Students who have experienced long-term educational disadvantage can apply through the Broadway Scheme, administered by UAC’s Educational Access Scheme (EAS). It offers more than 600 places to eligible applicants each year.

Other entry pathways
- Gadigal Program, for Aboriginal and Torres Strait Islander applicants
- Elite Athletes and Performers Scheme
- Mature-Age Entry Scheme

For more information on these and other admission pathways to the University of Sydney, visit sydney.edu.au/admission-pathways

Mathematics course prerequisites
The University’s mathematics prerequisites also apply to students applying through admission pathways. For details, see page 78. For mathematics prerequisites that apply to Gadigal Program applicants, see page 87.

Gadigal Program
This is an access and support program for Aboriginal and Torres Strait Islander applicants. The program assists you with successful transition into university and provides additional academic and personal support and social spaces throughout your degree.

If you enter through the Gadigal Program, we will automatically reserve you a place in our Gadigal Orientation and Academic Skills workshop.

If you need extra support in your first year, the Pemulwuy Pathway provides an opportunity for you to ease your study load.

We may invite you to enrol in a Bachelor of Arts or Bachelor of Liberal Arts and Sciences. In your first year, you will have fewer units of study while attending academic skills development workshops and individual tutoring, to build your capacity and confidence to succeed in your studies.

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 semesters. You can have one-on-one private tuition or group sessions.

Other support services
Accommodation Award
In 2017, we introduced an accommodation award for first-year Aboriginal and Torres Strait Islander students with a full-time study load. The Mana Yura Residential Scholar accommodation award will subsidise your weekly rent. You will also receive a start-up bursary valued at $1000.

In addition to the financial support, the accommodation award guarantees you a place at your choice of two University-owned residences: the Queen Mary Building (self-catered) or International House (catered). Other residences may be on offer, subject to availability.

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 semesters. You can have one-on-one private tuition or group sessions.

Mana Yura Student Support
The Mana Yura team offers support to all Aboriginal and Torres Strait Islander students throughout their University journey, from admission to graduation. The student engagement officers offer social, cultural and emotional wellbeing support, and referrals, academic and other student 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, research library, tutorial rooms for study, and student/staff common rooms with kitchen facilities.

STRAIT ISLANDER STUDENTS

Aboriginal and Torres Strait Islander students
Several admission pathways are available to Year 12 students, and you may be eligible to apply for more than one.

You also need to be:
- undertaking the HSC or International Baccalaureate (IB) at a NSW high school, and
- studying any required HSC or IB subjects for your selected E12 course, and
- supported by your school principal (ratings are to be submitted in the SRS system as part of your application).

E12 is for domestic undergraduate students only. International students are not eligible to apply.

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 full-time year of tertiary study at the University of Sydney or another tertiary institution. This form of admission can be very competitive. While transferring requirements vary between faculties, you will generally be assessed on the basis of the university results you obtain in your first year of study, or your ATAR, depending on which gives you a greater chance of admission.

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Culturally safe spaces
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 mana.yura@sydney.edu.au
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 set 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/tuition-fees

2019 student contribution bands and ranges

<table>
<thead>
<tr>
<th>Student contribution band</th>
<th>2019 student contribution range (per EFTSL*)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Band 3</td>
<td>Law, dentistry, medicine, veterinary science, accounting, administration, economics, commerce</td>
</tr>
<tr>
<td></td>
<td>$0 – $10,958</td>
</tr>
<tr>
<td>Band 2</td>
<td>Computing, built environment, other health, allied health, engineering, surveying, agriculture, mathematics, statistics, science</td>
</tr>
<tr>
<td></td>
<td>$0 – $9,559</td>
</tr>
<tr>
<td>Band 1</td>
<td>Humanities, behavioural science, social studies, education, clinical psychology, foreign languages, visual and performing arts, nursing</td>
</tr>
<tr>
<td></td>
<td>$0 – $6,566</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

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 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 up to $303 (2019 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
- living expenses such as food and rent if living away from home: sydney.edu.au/study/living-costs

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

* EFTSL = equivalent full-time student load

Please note, the Australian Government may announce further changes to higher education policy and funding, which may impact domestic students commencing from 2020. The information provided in this section was correct at January 2019. For the latest information and updates on changes to government policy, visit www.studyassist.gov.au
University of Sydney students come from a wide variety of schools and backgrounds, and our range of scholarships reflects this diversity.

Some of our scholarships are specifically for students who have just finished Year 12 or TAFE. Others are for athletes or performers, Aboriginal or Torres Strait Islander people, or students from remote or rural backgrounds.

You may have to complete an application to be considered for a scholarship. It’s important to plan ahead and check the requirements.

For a comprehensive list of scholarships and to find out how to apply, visit sydney.edu.au/scholarships

Here are some of the scholarships that might be available to you.

**Sydney Scholars Program**

The Sydney Scholars Program offers opportunities for Year 12 students commencing their university studies in 2020. Ranging from $6000 to $10,000 in value, they are awarded for one year up to the duration of an undergraduate course.

The program is a suite of prestigious scholarships and will be offered to students who meet the admission criteria, including leadership skills, involvement in extracurricular activities, future goals and an ATAR (or the equivalent) of 95 and above.

International students who have recently completed a secondary education qualification such as the NSW HSC or the International Baccalaureate, and are applying for admission through UAC, may also apply.

For domestic students, if you receive an ATAR of 99.90 or higher, you will automatically be awarded a scholarship worth $10,000 annually for the duration of your undergraduate degree.

- sydney.edu.au/scholarships-ssp

**Dalrymple global mobility scholarship**

Dalrymple Scholars are entitled to a global mobility scholarship of $2000. The scholarship can be used towards either a short-term (winter, summer or internship) mobility opportunity worth at least six credit points, or a semester exchange worth 24 credit points. See page 12 to find out more about becoming a Dalrymple Scholar.

**Sustainability scholarships**

There are a number of sustainability scholarships for school leavers - these are assessed on academic merit, a personal statement and equity grounds. They include the Sydney Scholars Program, Western Union Foundation Scholarships, Bruton Educational Trust scholarship, Rural Sustainability scholarships, Environmental Sustainability scholarships and more.

- sydney.edu.au/scholarships/equity

**Faculty-based scholarships**

Many faculties and schools provide scholarships for first-year students as well as scholarships and prizes to current students in later years of study.

- sydney.edu.au/faculty-scholarships

**Scholarships for Aboriginal and Torres Strait Islander students**

The University of Sydney offers numerous scholarship and financial assistance programs to Aboriginal and Torres Strait Islander students. Students identifying as Aboriginal and Torres Strait Islander who achieve an ATAR of 85 or above will automatically be granted the one-year $10,000 Entry Scholarship.

- sydney.edu.au/scholarships-indigenous

**Elite Athlete Program**

Each of the eight residential colleges at the University of Sydney offers various opportunities and scholarships to their new and current student residents.

- sydney.edu.au/scholarships/prospective/college

**SUSF Elite Athlete Program**

The SUSF Elite Athlete Program, has assisted the University of Sydney to continue Australia’s sporting tradition. Students representing their relevant SUSF sporting club in their chosen sport.


**College accommodation scholarships**

There are several other avenues for scholarships that you should consider alongside those offered by the University of Sydney. For more details, check

- www.australia.gov.au for government scholarship programs
- www.engage.cef.org.au/student for Country Education Foundation of Australia rural grant programs
- www.gooduniversitiesguide.com.au/scholarship/search to search for scholarship schemes across Australia

For advice on how to manage your finances or to apply for financial assistance, contact our Financial Support Service.

- sydney.edu.au/financial-support

**Bursaries and loans**

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. Formerly called the University of Sydney First Year Bursary, 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

**Entry Scholarships**

Entry Scholarships are available for domestic students who have just completed Year 12 or TAFE. Others are for students who have recently completed a secondary education qualification such as the NSW HSC or the International Baccalaureate and are applying for admission through UAC, may also apply.

For domestic students, if you receive an ATAR of 99.90 or higher, you will automatically be awarded a scholarship worth $10,000 annually for the duration of your undergraduate degree.

International students who have recently completed a secondary education qualification such as the NSW HSC or the International Baccalaureate, and are applying for admission through UAC, may also apply.

For domestic students, if you receive an ATAR of 99.90 or higher, you will automatically be awarded a scholarship worth $10,000 annually for the duration of your undergraduate degree.

- sydney.edu.au/scholarships-ssp

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Each of the eight residential colleges at the University of Sydney offers various opportunities and scholarships to their new and current student residents.

- sydney.edu.au/scholarships/prospective/college

**SCHOLARSHIPS**

SCHOLARSHIPS outside the University

There are several other avenues for scholarships that you should consider alongside those offered by the University of Sydney. For more details, check

- www.australia.gov.au for government scholarship programs
- www.engage.cef.org.au/student for Country Education Foundation of Australia rural grant programs
- www.gooduniversitiesguide.com.au/scholarship/search to search for scholarship schemes across Australia

Once you are at university, we also provide on-campus bursary options to help you manage daily living and study costs.
ADDITIONAL ADMISSION CRITERIA
INFORMATION FOR ALL STUDENTS

For admission to some of our courses, we consider more than just your marks. We may ask you to submit a portfolio, attend an interview or audition or complete additional criteria. The following courses have additional admission criteria.

Arts and social sciences

Sciences Po
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 (or equivalent), 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

Visual arts
For admission to the Bachelor of Visual Arts and Bachelor of Visual Arts/Bachelor of Advanced Studies at Sydney College of the Arts, in addition to the academic requirements of an accepted secondary education qualification or higher education studies, 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

Education
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

Medicine and health

Dentistry
Double degree dentistry
We offer a small number of high school leavers who have achieved outstanding results a place in the double degree dentistry pathway:
- Bachelor of Science/Doctor of Dental Medicine.

Admission to the double degree dentistry course is based on:
- ATAR (expected to be a minimum of 99.5 or equivalent in an accepted secondary education qualification)
- 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/courses

Many dentistry students join us through our graduate entry scheme (available to applicants who already have a bachelor’s degree). If you plan to apply for graduate entry, you should start the application process at least 12 months in advance.
- sydney.edu.au/dentistry/dddp

Bachelor of Oral Health
For admission to our Bachelor of Oral Health, in addition to the academic requirements of an accepted secondary education qualification or higher education studies, you will be assessed on your performance in Multiple Mini-Interviews (MMI), a series of short interviews in which applicants move between interview stations. For more information and application timelines, visit
- sydney.edu.au/dentistry/oral-health

Medicine
Double degree medicine
If you are finishing high school and expect to achieve outstanding results, you may be able to take the Doctor of Medicine (MD) via our double degree medicine pathways:
- Bachelor of Arts/Doctor of Medicine
- Bachelor of Science/Doctor of Medicine.

Admission to the double degree medicine courses is based on:
- a very high ATAR (expected to be 99.95 or equivalent in an accepted secondary education qualification)
- 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.
- sydney.edu.au/medicine/ddmp

There are separate requirements for progression to the Doctor of Dental Medicine component of the combined degree.
- sydney.edu.au/handbooks/science

Music
For admission to the Sydney Conservatorium of Music, in addition to the academic requirements of an accepted secondary education qualification or higher education studies, you will be assessed based on an audition (or portfolio) and/or interview.

An audition fee applies and you may then be invited to an audition and/or interview. For more information and audition requirements and deadlines, visit
- sydney.edu.au/music/student-music/admission.html

For the Bachelor of Music (Music Education), also refer to requirements under Education (see page 92).

Veterinary medicine
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 2019. For details, visit the course page.
- sydney.edu.au/courses

There are separate requirements for progression to the Doctor of Veterinary Medicine component of the combined degree.
- sydney.edu.au/handbooks/science
HOW TO APPLY: INTERNATIONAL STUDENTS
How to apply

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.
   - sydney.edu.au/courses

2. Check the admission criteria for the course
   Admission to the University of Sydney is highly competitive. You need to meet specific academic criteria before we can make an unconditional offer of admission.
   - 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) qualification conducted in English at an Australian Year 12 qualification, or
       - complete certain English subjects in secondary education qualifications specified by the University, or
       - complete higher education studies (at least one year of full-time university study in English, such as an Australian Year 12 qualification, or equivalent) in English at a recognised institution, or
       - complete an accepted English proficiency test with results that meet the admission criteria for your course. English language test scores are valid for two years.
       - sydney.edu.au/study/english-req

3. Submit your application
   If you are applying for a Science or Engineering degree, you will need to submit an application through UAC. If you are applying for other courses, you can apply online.
   - sydney.edu.au/ug-entry
   - sydney.edu.au/english-req
   - sydney.edu.au/ug-bridging
   - sydney.edu.au/student-visas

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 to make informed choices about your study. Check the details for your course at:
   - sydney.edu.au/study/inherent-requirements

Meet us in your country

Our professional and academic staff visit countries all over the world to answer any questions you have 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

* An international student is anyone who is not an Australian or New Zealand citizen or dual citizens 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.

**Admission to the University of Sydney**

To find out when the next Open Day, Info Day, exhibition or interview session is taking place in your country, visit:

**Check the admission criteria for the course**

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

**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 a secondary education (Year 12) qualification in Australia, such as the HSC or IB, or the University of Sydney Foundation Program (USFP).

These prerequisites also apply to international students undertaking an Australian state or territory secondary education (Year 12) qualification outside Australia.

Refer to the A to Z course table on pages 50 to 77 for a list of impacted courses.

- 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**

Some courses expect you to have a certain level of knowledge in areas such as mathematics, physics, biology and chemistry. Refer to the A to Z course table on pages 50 to 77 for course-specific assumed knowledge.

- sydney.edu.au/ug-bridging
Below is a guide to the Australian Tertiary Admission Rank (ATAR) and International Baccalaureate (IB) scores for 2020. For most courses, the scores are guaranteed for admission in 2020, except where marked with an asterisk*. The asterisked scores are an indicative score for what you will need for admission in 2020. All published scores are correct at the time of print and subject to change. For the most up to date information visit sydney.edu.au/sydney-atar.

### Arts and social sciences

<table>
<thead>
<tr>
<th>Course</th>
<th>CRICOS</th>
<th>ATAR/IB</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Arts</td>
<td>000705M</td>
<td>80/28</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies</td>
<td>093740D</td>
<td>90/33</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (Dalyell Scholar)</td>
<td>090781J</td>
<td>90/33</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (International and Global Studies)</td>
<td>093740D</td>
<td>90/33</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (Languages)</td>
<td>093740D</td>
<td>90/33</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (Media and Communications)</td>
<td>0100155</td>
<td>90/33</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (Politics and International Relations)</td>
<td>093740D</td>
<td>90/33</td>
</tr>
<tr>
<td>B Arts/Science/Psychology/Psychological Sciences/Dual Degree**</td>
<td>000705M</td>
<td>A+C</td>
</tr>
<tr>
<td>B Economics</td>
<td>055346G</td>
<td>85/31</td>
</tr>
<tr>
<td>B Economics/B Advanced Studies</td>
<td>093740C</td>
<td>85/31</td>
</tr>
<tr>
<td>B Economics/Science/Psychology/Psychological Sciences/Psychological Sciences/Dual Degree**</td>
<td>055346G</td>
<td>A+C</td>
</tr>
<tr>
<td>B Visual Arts</td>
<td>008415D</td>
<td>A+C</td>
</tr>
<tr>
<td>B Visual Arts/B Advanced Studies</td>
<td>094070D</td>
<td>A+C</td>
</tr>
</tbody>
</table>

### Business

<table>
<thead>
<tr>
<th>Course</th>
<th>CRICOS</th>
<th>ATAR/IB</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Business</td>
<td>028449G</td>
<td>95/36</td>
</tr>
<tr>
<td>B Business/B Advanced Studies</td>
<td>093745B</td>
<td>95/36</td>
</tr>
</tbody>
</table>

### Combined or double degrees

You can identify courses by the degree pathway:
- **Comprehensive degree**
- **Specialist degree**
- **Liberal studies degree**
- **Combined or double degree**

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

### Education and social work

<table>
<thead>
<tr>
<th>Course</th>
<th>CRICOS</th>
<th>ATAR/IB</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Commerce/B Advanced Studies (Dalyell Scholar)</td>
<td>097435B</td>
<td>98/40</td>
</tr>
</tbody>
</table>

### Engineering and computer science

<table>
<thead>
<tr>
<th>Course</th>
<th>CRICOS</th>
<th>ATAR/IB</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Advanced Computing</td>
<td>092655E</td>
<td>90/33</td>
</tr>
<tr>
<td>B Advanced Computing/B Business</td>
<td>092655C</td>
<td>90/33</td>
</tr>
<tr>
<td>B Advanced Computing/B Science</td>
<td>092655D</td>
<td>90/33</td>
</tr>
<tr>
<td>B Advanced Computing/B Science (Medical Science)</td>
<td>092655E</td>
<td>90/33</td>
</tr>
<tr>
<td>B Engineering Honours (Dalyell Scholar)</td>
<td>083109M</td>
<td>98/40</td>
</tr>
<tr>
<td>B Engineering Honours (Aeronautical)</td>
<td>083109D</td>
<td>85/31</td>
</tr>
<tr>
<td>B Engineering Honours (Biomedical)</td>
<td>083109W</td>
<td>85/31</td>
</tr>
<tr>
<td>B Engineering Honours (Chemical and Biomedical)</td>
<td>083109M</td>
<td>85/31</td>
</tr>
<tr>
<td>B Engineering Honours (Civil)</td>
<td>083109W</td>
<td>85/31</td>
</tr>
<tr>
<td>B Engineering Honours (Electrical)</td>
<td>083109M</td>
<td>85/31</td>
</tr>
</tbody>
</table>

### Law

<table>
<thead>
<tr>
<th>Course</th>
<th>CRICOS</th>
<th>ATAR/IB</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Arts/Law</td>
<td>006441D</td>
<td>95.5/37</td>
</tr>
<tr>
<td>B Commerce/Law</td>
<td>006435G</td>
<td>95.5/37</td>
</tr>
<tr>
<td>B Economics/Law</td>
<td>006441G</td>
<td>95.5/37</td>
</tr>
<tr>
<td>B Engineering Honours/Law</td>
<td>085544A</td>
<td>95.5/37</td>
</tr>
<tr>
<td>B Science/Law</td>
<td>063472C</td>
<td>95.5/37</td>
</tr>
</tbody>
</table>

### Medicine and health

<table>
<thead>
<tr>
<th>Course</th>
<th>CRICOS</th>
<th>ATAR/IB</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Applied Science (Diagnostic Radiography)</td>
<td>079258K</td>
<td>90/13</td>
</tr>
<tr>
<td>B Applied Science (Exercise and Sport Science)</td>
<td>091485M</td>
<td>90/28</td>
</tr>
<tr>
<td>B Applied Science (Exercise and Sport Science)</td>
<td>091485D</td>
<td>90/28</td>
</tr>
<tr>
<td>B Applied Science (Occupational Therapy)</td>
<td>061344G</td>
<td>92/24</td>
</tr>
<tr>
<td>B Applied Science (Physiotherapy)</td>
<td>061344J</td>
<td>91/26</td>
</tr>
<tr>
<td>B Applied Science (Speech Pathology)</td>
<td>082932D</td>
<td>92/26</td>
</tr>
<tr>
<td>B Arts/D Medicine</td>
<td>091701B</td>
<td>A+C</td>
</tr>
<tr>
<td>B Nursing (Advanced Studies)</td>
<td>049797K</td>
<td>80/28</td>
</tr>
<tr>
<td>B Nursing (Advanced Studies)</td>
<td>074086G</td>
<td>80/28</td>
</tr>
<tr>
<td>B Nursing Post Registration (Singapore)</td>
<td>n/a</td>
<td>n/a</td>
</tr>
</tbody>
</table>

### Music

<table>
<thead>
<tr>
<th>Course</th>
<th>CRICOS</th>
<th>ATAR/IB</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Music</td>
<td>094844G</td>
<td>A+C</td>
</tr>
<tr>
<td>B Music (Composition)</td>
<td>052450G</td>
<td>A+C</td>
</tr>
<tr>
<td>B Music (Music Education)</td>
<td>008447D</td>
<td>A+C</td>
</tr>
<tr>
<td>B Music (Performance)</td>
<td>052451U</td>
<td>A+C</td>
</tr>
</tbody>
</table>

### Science

<table>
<thead>
<tr>
<th>Course</th>
<th>CRICOS</th>
<th>ATAR/IB</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Libraries and Arts Science</td>
<td>085859G</td>
<td>70/25</td>
</tr>
<tr>
<td>B Psychology</td>
<td>019164J</td>
<td>93.5/56</td>
</tr>
<tr>
<td>B Science</td>
<td>000719E</td>
<td>80/28</td>
</tr>
<tr>
<td>B Science (Health)</td>
<td>000719E</td>
<td>80/28</td>
</tr>
<tr>
<td>B Science (Medical Science)</td>
<td>000719E</td>
<td>80/28</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Medical Science)</td>
<td>093746A</td>
<td>80/28</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Dalyell Scholars including Mathematical Sciences)**</td>
<td>093746A</td>
<td>98/40</td>
</tr>
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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 and your parents/guardians 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).

Double degrees (undergraduate to postgraduate) – price differentiation
In a double degree, students usually commence in one degree then transfer to a second degree to complete the remainder of their studies.

The University charges two separate tuition fees rates for double degrees that comprise an undergraduate and a postgraduate degree, with a higher tuition fee rate applying to the postgraduate degree. When you are calculating the likely total cost of your course, please carefully factor in this price difference.

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.

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 up to A$303 (2019 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, when required) 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/paying-your-fees

* EFTSL = equivalent full-time student load

sydney.edu.au/tour
Advanced coursework
Advanced coursework is undertaken in the fourth year of the Bachelor of Advanced Studies. It 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 into 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, Dalyell Scholars have access to a range of enrichment opportunities that will challenge you alongside your most promising and talented peers.

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

International student
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 develops your expertise in a field of study. All liberal studies degrees (Bachelor of Arts, Bachelor of Science, Bachelor of Commerce) and the specialist degree Bachelor of Economics now require you to complete a minor or a second major.

Open Learning Environment
The Open Learning Environment provides subjects – online modules and workshop-supported courses – that you can complete at your own convenience and supplement with workshops and master classes. Depending on your degree, you may be able to earn credit points for these subjects.

Postgraduate degree
A postgraduate degree 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
Course prerequisite is a subject you need to have completed at the required standard to be eligible for admission to a course. 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 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)
UAC receives and processes applications for admission to undergraduate courses at recognised universities in New South Wales (NSW) and the Australian Capital Territory (ACT). Most domestic undergraduate students apply through UAC. For more information visit
- sydney.edu.au/study/how-to-apply

For a full glossary of frequently used terms, see
- sydney.edu.au/glossary
Join us on Saturday 31 August 2019 and immerse yourself in campus life for a day.

What will you start here?
sydney.edu.au/open-day
IF YOU READ ONLY ONE THING, READ THIS.

Your journey to university is as unique as you are.

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

To learn more, come and see us at Open Day on 31 August 2019, call our helpline or visit our website.

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