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

We acknowledge the tradition of custodianship and law of the Country on which the University of Sydney campuses stand. We pay our respects to those who have cared and continue to care for Country.
Join us
Discover why our graduates are ranked first in Australia and fifth in the world for graduate employability.*

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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
THE SYDNEY UNDERGRADUATE EXPERIENCE

We offer a new level of flexibility in our undergraduate degrees to prepare you for a future full of possibilities.

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 (eg, 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
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.

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.

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.

“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

“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.
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“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.

* A second/double major is not available in Design Computing.
** Please note that all of the course structures in this guide are indicative only and subject to change.

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 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.

* 98+ for Aboriginal and Torres Strait Islander students admitted through Gadigal Program.
* For students admitted through the Early Offer Year 12 Scheme (E12), Future Leaders Scheme and Broadway Scheme.

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 515222
- B Commerce/ B Advanced Studies (Dalyell Scholars) UAC 515310
- B Engineering Honours (Dalyell Scholars) UAC 515071
- B Science/B Advanced Studies (Dalyell Scholars including Mathematical Sciences)** UAC 515917

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+.*

Studying Childhood Diseases at Sydney University

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.

** The Mathematical Sciences program is available in this course.

Note: courses may change
B = 'Bachelor of'; M = 'Master of'; D = 'Doctor of'
* 98+ for Aboriginal and Torres Strait Islander students admitted through Gadigal Program
** For students admitted through the Early Offer Year 12 Scheme (E12)

95+ for students admitted through Future Leaders Scheme and Broadway Scheme (excluding double degree medicine and dentistry)
FOLLOW YOUR INTERESTS.
ALL OF THEM.

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.

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 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.

11 Architecture, design and planning
- Biological Design
- Design

6 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
- Hebrew (Modern)
- History
- Indigenous Studies
- Indonesian Studies
- International and Comparative Literary Studies
- International Relations
- Italian Studies
- Japanese Studies
- Jewish Civilisation, Thought and Culture
- Korean Studies
- Latin
- Linguistics
- Modern Greek Studies
- Philosophy
- Political Economy
- Politics
- Sanskrit*
- Social Policy*
- Socio-legal Studies
- Sociology
- Spanish and Latin American Studies
- Studies in Religion
- Theatre and Performance Studies
- Visual Arts
- Writing Studies*

10 Business
- Accounting
- Banking**
- Business Analytics
- Business Information Systems
- Business Law

7 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**

We have the largest student mobility program in Australia.*

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

Our 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.
- 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.

**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

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* ‘Learning Abroad 2017’, Australian Universities International Directors’ Forum report, October 2018
** Times Higher Education World University Rankings, 2019

Note: Partner university figures are indicative only. For the most up-to-date list of partner universities, visit sydney.edu.au/study/overseas-exchange

---

“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

---

We have 72 partners in North America, 37 in the United Kingdom and Ireland, 121 in Europe, 7 partners in Latin America, 3 in the Middle East, and 55 partners in the Asia-Pacific region.
“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 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.

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

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

Childcare information
- Advice about child care on and near campus

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

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

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
ACCOMMODATION

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–$577 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.

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<table>
<thead>
<tr>
<th>Places</th>
<th>Gender</th>
<th>Phone</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abercrombie</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
<td>sydney.edu.au/accommodation</td>
</tr>
<tr>
<td>Darlington House</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
<td>sydney.edu.au/accommodation</td>
</tr>
<tr>
<td>Queen Mary Building</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
<td>sydney.edu.au/accommodation</td>
</tr>
<tr>
<td>Regiment Building</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
<td>sydney.edu.au/accommodation</td>
</tr>
<tr>
<td>Selle House</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
<td>sydney.edu.au/accommodation</td>
</tr>
<tr>
<td>Terraces</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
<td>sydney.edu.au/accommodation</td>
</tr>
</tbody>
</table>
```

Residential colleges ($397–$687 per week)

Residential colleges are on campus but externally managed to provide options to suit your needs.

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<table>
<thead>
<tr>
<th>Places</th>
<th>Gender</th>
<th>Phone</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mandelbaum House</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
<td>mandelbaum.usyd.edu.au</td>
</tr>
<tr>
<td>Sancta Sophia College</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
<td>sanctasophiacollege.edu.au</td>
</tr>
<tr>
<td>St Andrew's College</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
<td>standrewscollege.edu.au</td>
</tr>
<tr>
<td>St John's College</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
<td>stjohnscollege.edu.au</td>
</tr>
<tr>
<td>St Paul's College</td>
<td>F (PG)</td>
<td>+61 2 9351 3322</td>
<td>stpaulscollege.edu.au</td>
</tr>
<tr>
<td>Wesley College</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
<td>wesleycollege.usyd.edu.au</td>
</tr>
<tr>
<td>The Women's College</td>
<td>F</td>
<td>+61 2 9351 3322</td>
<td>thewomenscollege.com.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.

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<table>
<thead>
<tr>
<th>Places</th>
<th>Gender</th>
<th>Phone</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sydney University Village</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
<td>sydney.edu.au/accommodation</td>
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<tr>
<td>Urbanest Cleveland</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
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<tr>
<td>Urbanest Darlington</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
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<td>Urbanest Glebe</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
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<tr>
<td>Stucco</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
<td>sydney.edu.au/accommodation</td>
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Camperdown and Cumberland campuses

University residences ($155–$355 per week)

The University residences on our Camperdown and Cumberland campuses are managed by the University Accommodation Services and are available to undergraduate and postgraduate students.

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<table>
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<th>Places</th>
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<tr>
<td>Nepean Hall (Camden)</td>
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<td>sydney.edu.au/accommodation</td>
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<tr>
<td>Nepean Lodge (Camden)</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
<td>sydney.edu.au/accommodation</td>
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<tr>
<td>Yannadah (Cumberland)**</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
<td>sydney.edu.au/accommodation</td>
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```

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.

F = Female M = Male
UG = undergraduate student PG = postgraduate student
* Located outside boundary of map
** The Faculty of Health Sciences is currently located at Cumberland Campus but will transition some teaching to the Camperdown/Darlington Campus from 2019, ahead of the scheduled relocation of the Cumberland Campus to Camperdown in 2021. At time of printing, Yannadah may reopen until the end of Semester 1 2020. For current information, see sydney.edu.au/accommodation
“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
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.

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

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.

“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>
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<th>Semester</th>
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<td>Design Integration Lab: Materials</td>
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<td>Design Integration Lab: Energy</td>
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<td>Architectural Technologies 3</td>
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<td>Property and the Built Environment</td>
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"I was encouraged to apply for an internship at Google and I’m now a user experience designer in the Android Google Maps team. We work with researchers and engineers to design new products and features. It’s heaps of fun."

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

sydney.edu.au/courses/architecture
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

Learn from renowned experts across more than 45 subjects.

We’re ranked 17th in the world for studies in the arts and humanities.*

“I 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)

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>
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<td>Screen Cultures and Gender, Film to Apps, Introduction to Film Studies, From Molecules to Ecosystems, Design Theory and Culture</td>
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<td>Animal &amp; Human Cultures, Cultures of Food, Europe: Screening Europe, After 1989, From Molecules to Ecosystems, Design Theory and Culture</td>
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<td>Science, Ethics and Society, Writing for the Digital World, Botany</td>
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<td>Using Cultural Theory, Everyday Life: Theories and Practices, Genetics and Genomics, Ecology</td>
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<td>The Social Life of Policy, Interdisciplinary Impact in Cultural Studies, Developmental Genetics, Biology Interdisciplinary Project</td>
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* QS World University Rankings by Subject, 2018

**Major 1**  **Major 2**  **Elective**  **Open Learning Environment (OLE)**  **Advanced coursework (4000-level units and above)**
At the University of Sydney Business School, you’ll gain the skills to succeed in business or build your own start-up. You will graduate equipped to become a leader and drive change with social, environmental and commercial impact. Your global business journey starts here.

- sydney.edu.au/courses/business

“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

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>
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<th>Year</th>
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<td>Leading and Influencing in Business</td>
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<td>Financial Accounting B</td>
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<td>Accounting and Auditing in Practice</td>
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<td>Project unit (12 credit points), such as Research Project, Community Project, Industry Project or Entrepreneurship Project</td>
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* QS World University Rankings by Subject, 2018

* Open Learning Environment (OLE)
Endeavour to make a world of difference through teaching or social work. At Sydney, you’ll explore ideas and issues in your chosen field to become a highly informed practitioner and lifelong learner.

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

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).

Why study education and social work at Sydney?
- We’re 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.

* 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.

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>
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<th>Year</th>
<th>Semester</th>
<th>Units of Study</th>
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<td>1</td>
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<td>Human Development and Education</td>
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<td>Social Perspectives in Education</td>
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<td>First Teaching Area Curriculum unit 1 (Ancient History)</td>
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<td>Cultural Competence Fundamentals</td>
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<td>2</td>
<td>Education III Optional Unit of Study OR Education Honours Elective</td>
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</tbody>
</table>

We’re ranked 12th in the world for research and teaching in the area of education.*

As a student, I loved being part of a community that dedicated itself to considering the big issues that our society and culture face.

Since then, I’ve always sought to be the kind of teacher who cares about students first and subjects second.”

Eddie Woo
Leader of Mathematics Growth, NSW Department of Education; Founder of Wootube Bachelor of Education (Secondary: Mathematics) (Honours) 2008 Activities: member of the Education and Social Work Students Society

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

EDUCATION AND SOCIAL WORK

Career pathways
- Careers adviser
- Community liaison officer
- Corporate trainer
- Counsellor
- Curriculum developer
- Early childhood teacher
- Human rights advocate
- International aid worker
- Primary teacher
- Secondary teacher
- Social policy analyst
- Social worker

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Eddie Woo
Leader of Mathematics Growth, NSW Department of Education; Founder of Wootube Bachelor of Education (Secondary: Mathematics) (Honours) 2008 Activities: member of the Education and Social Work Students Society

Develop your professional identity and learn in real-world settings via fieldwork and placements.
**ENGINEERING AND COMPUTER SCIENCE**

**Career pathways**
- Aircraft/aerospace engineer
- Biomedical engineer, implantable and external medical device manufacturer
- Chemical engineer, agribusiness and food production; cosmetic or pharmaceutical production
- Civil engineer, innovative building design; humanitarian projects in disaster recovery; government and public policy
- Computer programmer
- Computer systems analyst, retail data systems
- Electrical engineer, mobile communications systems; renewable energy generation
- Mechanical engineer, vehicle and engine design; logistics and transport industries
- Mechatronics engineer, robotics; automation; smart infrastructure
- Project manager, events, construction, banking and finance industries
- Software developer
- Transport engineer
- Web developer, including user interface design

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

**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.

---

**Sample course structure: Bachelor of Engineering Honours (Mechatronic)**

**Major in Robotics and Intelligent Systems**

Note: Course structure is indicative only; for more information, visit sydney.edu.au/courses/engineering-computer-science

<table>
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<th>Year</th>
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<th>Units of study</th>
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<td>Linear Algebra, Calculus of One Variable, Introduction to Mechatronic Engineering, Engineering Computing, Integrated Engineering 1</td>
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<td>Statistics, Multivariable Calculus and Modeling, Introduction to Mechatronic Design, Mechatronics 1, Engineering Mechanics</td>
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<td>Mechanical Dynamics, Engineering Dynamics, Fundamentals of Electrical and Electronic Engineering, Engineering Analysis*</td>
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<td>Electronic Devices and Circuits, Mechanical Devices 1, Mechanics of Solids 1, Materials 1, Integrated Engineering 2</td>
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<td>Manufacturing Engineering, Power Electronics and Applications, System Dynamics and Control, Electronic Circuit Design*</td>
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<td>Mechatronics Systems Design, Mechatronics 3, Mechanical Design, Introductory Thermofluids*</td>
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<td>2</td>
<td>Thesis B, Sensors and Signals, Computer Vision and Image Processing, Integrated Engineering 4</td>
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</table>

* These units are just some of the many electives available to students. Units are indicative only.
LAW

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

With more than 150 years of research-led education, we’re ranked 14th in the world for law.*

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

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.

* QS World University Rankings by Subject, 2018

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>
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<td>Conflict and its Consequences</td>
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<td>Torts and Contracts I</td>
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<td>Public International Law</td>
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<td>4</td>
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<td>Administrative Law</td>
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<td>Federal Constitutional Law</td>
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<td>Corporations Law</td>
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<td></td>
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<td>Criminology</td>
</tr>
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<td>World Trade Organisation Law</td>
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<td>Philosophy of International Law</td>
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<td>Anti-Discrimination Law</td>
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<td>International Human Rights Law</td>
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</tbody>
</table>

- Core unit
- Major
- Elective
- Open Learning Environment (OLE)

** 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.

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

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

Jared Webster
Foreign Associate, Kirkland & Ellis, New York
Bachelor of Economics/Laws 2013
Scholarships and activities: exchange trip to Vienna, Austria; intern at the Shopfront Youth Legal Centre; travelled to Japan for a mooting competition.
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.

“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

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.

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>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Functional Musculoskeletal Anatomy A</td>
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<tr>
<td></td>
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<td>Body Systems: Structure and Function</td>
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<td></td>
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<td>Health, Behaviour and Society</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Foundations of Physiotherapy Practice A</td>
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<tr>
<td>2</td>
<td>1</td>
<td>Functional Musculoskeletal Anatomy B</td>
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<tr>
<td></td>
<td></td>
<td>Neuroscience</td>
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<td>Muscle Adaptations to Use and Disuse</td>
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<td>Foundations of Physiotherapy Practice B</td>
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<td>1</td>
<td>Motor Control and Learning</td>
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<td></td>
<td></td>
<td>Exercise Physiology for Clinicians</td>
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<td>PT in Musculoskeletal Conditions A</td>
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<td></td>
<td></td>
<td>Preventative Health Care</td>
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<tr>
<td>2</td>
<td>1</td>
<td>PT in Musculoskeletal Conditions B</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PT in Neurological Conditions A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PT in Respiratory and Cardiac Conditions A</td>
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<tr>
<td>3</td>
<td>1</td>
<td>PT in Musculoskeletal Conditions C</td>
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<td></td>
<td></td>
<td>PT in Neurological Conditions B</td>
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<td></td>
<td></td>
<td>Paediatric Physiotherapy</td>
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<td></td>
<td></td>
<td>PT in Respiratory and Cardiac Conditions B</td>
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<tr>
<td>2</td>
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<td>Clinical Practicum B</td>
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<tr>
<td></td>
<td></td>
<td>Clinical Practicum C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Physiotherapy in Multisystem Problems</td>
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<tr>
<td></td>
<td></td>
<td>Cancer: Prevention through Palliation*</td>
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<tr>
<td>4</td>
<td>1</td>
<td>Advanced Professional Practice A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Clinical Practicum D</td>
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<td>Clinical Practicum E</td>
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<tr>
<td></td>
<td></td>
<td>Foundation Abroad**</td>
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<td>2</td>
<td></td>
<td>Advanced Professional Practice B</td>
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<tr>
<td></td>
<td></td>
<td>Physiotherapy in Sport and Recreation</td>
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<tr>
<td></td>
<td></td>
<td>Clinical Practicum F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Clinically Oriented Anatomy in Exercise*</td>
</tr>
</tbody>
</table>

- We have extensive partnerships with employer organisations, including private and public health providers.
- Our graduates go on to a diverse range of careers, often outside traditional pathways. For example, alumna Anne Nguyen’s pharmacy degree has taken her to a management role at Boston Consultancy Group in New York, where she focuses on consumer healthcare and pharmaceuticals.

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

* 2017 Graduate Outcomes Survey
** QS World University Rankings by Subject, 2018
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

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<thead>
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<th>Year</th>
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<th>Units of study</th>
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<td>Principal Study 1</td>
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<td>Principal Study 2</td>
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<td>Principal Study 3 (extended)</td>
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<td>Principal Study 5 (extended)</td>
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<td>Project 2A</td>
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</tbody>
</table>

* 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
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

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.

* QS World University Rankings by Subject, 2018

“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.

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>
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<tr>
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<td>1</td>
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<td>Foundations of Science</td>
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<td>2</td>
<td>From Molecules to Ecosystems Science</td>
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<td></td>
<td></td>
<td>Mathematics</td>
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<td>Informatics: Data and Computation</td>
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<td>1</td>
<td>Concepts in Environment and Resource Economics Introduction to Programming</td>
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<td>Writing for the Digital World</td>
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<td>Data Science: Big Data and Data Diversity</td>
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<td>2</td>
<td>Environmental and Resource Management Popular Culture and Politics</td>
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<tr>
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<td>Digital Influence through Social Media</td>
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<td>Data Analytics: Learning from Data</td>
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<td>Environmental Law and Ethics Environmental Studies Selective</td>
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<td>Data Methods</td>
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<td></td>
<td>Data Science Selective</td>
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<td>2</td>
<td>Urban Citizenship and Sustainability Environmental Studies Selective</td>
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<td>Advanced coursework</td>
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</table>

Major 1 Major 2 Degree core Elective
Open Learning Environment (OLE) Advanced coursework (4000-level units and above)
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. For most courses, the scores are an indicative score for what you will need for admission in 2020. For most courses, the scores are an indicative score for what you will need for admission in 2020. For most courses, the scores are an indicative score for what you will need for admission in 2020. For most courses, the scores are an indicative score for what you will need for admission in 2020.

### Course name

<table>
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<tr>
<th>Course name</th>
<th>ATAR/IB</th>
<th>Duration in years</th>
<th>See page</th>
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<tbody>
<tr>
<td>B Arts</td>
<td>80/28</td>
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<td>54</td>
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<tr>
<td>B Arts/B Advanced Studies</td>
<td>80/28</td>
<td>4 55</td>
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</tr>
<tr>
<td>B Arts/B Advanced Studies (Dalyell Scholars)</td>
<td>96/40</td>
<td>4 55</td>
<td></td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (International and Global Studies)</td>
<td>92/34</td>
<td>4 55</td>
<td></td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (Languages)</td>
<td>95/37</td>
<td>4 54</td>
<td></td>
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<tr>
<td>B Arts/B Advanced Studies (Media and Communications)</td>
<td>95/37</td>
<td>4 54</td>
<td></td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (Politics and International Relations)</td>
<td>95/37</td>
<td>4 54</td>
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<tr>
<td>B Arts/Sciences Pu Dual Degree**</td>
<td>A-C</td>
<td>3 2 54</td>
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<tr>
<td>B Economics</td>
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<td>B Economics/B Advanced Studies</td>
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<tr>
<td>B Economics/Sciences Pu Dual Degree**</td>
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<tr>
<td>B Visual Arts</td>
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<tr>
<td>Diploma of Language Studies*</td>
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<tr>
<td>Diploma of Social Sciences*</td>
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### Business

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<tr>
<td>B Commerce</td>
<td>95/36</td>
<td>3 58</td>
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<tr>
<td>B Commerce/B Advanced Studies</td>
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</tr>
<tr>
<td>B Commerce/B Advanced Studies (Dalyell Scholars)</td>
<td>98/40</td>
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### Education and social work

<table>
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<th>ATAR/IB</th>
<th>Duration in years</th>
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<td>B Education (Early Childhood)</td>
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<tr>
<td>B Education (Health and Physical Education)</td>
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<tr>
<td>B Education (Primary)</td>
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<tr>
<td>B Education (Secondary): Humanities and Social Sciences/B Arts</td>
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<tr>
<td>B Education (Secondary): Mathematical/ Science</td>
<td>A+C</td>
<td>5 62</td>
<td></td>
</tr>
<tr>
<td>B Education (Secondary): Sciences/ Science</td>
<td>A+C</td>
<td>5 62</td>
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<tr>
<td>B Social Work</td>
<td>60/28</td>
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<tr>
<td>B Arts/B Social Work</td>
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### Engineering and computer science

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<th>ATAR/IB</th>
<th>Duration in years</th>
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<td>B Advanced Computing</td>
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<td>4 50</td>
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</tr>
<tr>
<td>B Advanced Computing/B Business</td>
<td>90/33</td>
<td>5 50</td>
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</tr>
<tr>
<td>B Advanced Computing/B Science</td>
<td>90/33</td>
<td>5 50</td>
<td></td>
</tr>
<tr>
<td>B Advanced Computing/B Science (Health)</td>
<td>90/33</td>
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<tr>
<td>B Advanced Computing/B Science (Medical)</td>
<td>90/33</td>
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<tr>
<td>B Engineering Honours (Dalyell Scholar)</td>
<td>98/40</td>
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<tr>
<td>B Engineering Honours (Aeronauteal)</td>
<td>92/34</td>
<td>4 62</td>
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<tr>
<td>B Engineering Honours (Biomedical)</td>
<td>92/34</td>
<td>4 63</td>
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### Arts and social sciences

### Architecture, design and planning

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<th>ATAR/IB</th>
<th>Duration in years</th>
<th>See page</th>
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</thead>
<tbody>
<tr>
<td>B Architecture and Environment</td>
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<tr>
<td>B Design Computing</td>
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</tr>
<tr>
<td>B Design Computing/B Advanced Studies</td>
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<td>4 59</td>
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</tr>
<tr>
<td>B Design in Architecture</td>
<td>95/37</td>
<td>3 59</td>
<td></td>
</tr>
<tr>
<td>B Design in Architecture (Honours)/ B Architecture*</td>
<td>(97/39)</td>
<td>5 59</td>
<td></td>
</tr>
</tbody>
</table>

### 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 Psychology</td>
<td>95/37/3</td>
<td>4 69</td>
<td></td>
</tr>
<tr>
<td>B Science</td>
<td>80/28</td>
<td>3 70</td>
<td></td>
</tr>
<tr>
<td>B Science (Health)</td>
<td>80/28</td>
<td>3 70</td>
<td></td>
</tr>
<tr>
<td>B Science (Medical Science)</td>
<td>90/33</td>
<td>3 70</td>
<td></td>
</tr>
<tr>
<td>B Science/B Advanced Studies</td>
<td>80/28</td>
<td>4 71</td>
<td></td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Dalyell Scholars including Mathematical Scientists)</td>
<td>98/40</td>
<td>4 71</td>
<td></td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Advanced)</td>
<td>95/37</td>
<td>4 71</td>
<td></td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Agriculture)</td>
<td>75/26</td>
<td>4 72</td>
<td></td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Animal and Veterinary Bioscience)</td>
<td>80/28</td>
<td>4 72</td>
<td></td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Food and Agricultural)</td>
<td>80/28</td>
<td>4 72</td>
<td></td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Health)</td>
<td>90/33</td>
<td>4 75</td>
<td></td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Medicinal Science)</td>
<td>90/33</td>
<td>4 75</td>
<td></td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Taronga Wildlife Conservation)</td>
<td>85/31</td>
<td>4 74</td>
<td></td>
</tr>
<tr>
<td>B Science/M Mathematical Sciences*</td>
<td>98/40</td>
<td>4 75</td>
<td></td>
</tr>
<tr>
<td>B Science/M Nutrition and Dietetics*</td>
<td>(97/39)*</td>
<td>5 76</td>
<td></td>
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<tr>
<td>B Veterinary Biology/D Veterinary Medicine*</td>
<td>A+C</td>
<td>(95/30)*</td>
<td>6 76</td>
</tr>
</tbody>
</table>

### Law

<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 Arts/B Laws</td>
<td>99.5/43</td>
<td>5 57</td>
<td></td>
</tr>
<tr>
<td>B Commerce/B Laws</td>
<td>99.5/43</td>
<td>5 58</td>
<td></td>
</tr>
<tr>
<td>B Economics/B Laws</td>
<td>99.5/43</td>
<td>5 60</td>
<td></td>
</tr>
<tr>
<td>B EngineeringHonours/B Laws</td>
<td>99.5/43</td>
<td>6 65</td>
<td></td>
</tr>
<tr>
<td>B Science/B Laws</td>
<td>99.5/43</td>
<td>5 74</td>
<td></td>
</tr>
</tbody>
</table>

### Music

<table>
<thead>
<tr>
<th>Course name</th>
<th>ATAR/IB</th>
<th>Duration in years</th>
<th>See page</th>
</tr>
</thead>
<tbody>
<tr>
<td>B B Music</td>
<td>A+C</td>
<td>(70/25)*</td>
<td>4 67</td>
</tr>
<tr>
<td>B Music (Composition)</td>
<td>A+C</td>
<td>(70/25)*</td>
<td>4 68</td>
</tr>
<tr>
<td>B Music (Music Education)</td>
<td>A+C</td>
<td>(70/25)*</td>
<td>4 68</td>
</tr>
<tr>
<td>B Music (Performance)</td>
<td>A+C</td>
<td>(70/25)*</td>
<td>4 68</td>
</tr>
</tbody>
</table>

You can identify courses by the degree pathway: ▶ Professional degree ▶ Specialist degree ▶ Liberal studies degree ▶ Combined or double degree

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

**For the most up-to-date information on ATARs, visit sydney.edu.au/sydney-atar

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# 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.
The Bachelor of Advanced Studies allows you to undertake further study after completing the equivalent of an Australian bachelor’s degree in a relevant area. You will complete advanced coursework to build on your expertise and work on real-world projects, or complete an honours project if you satisfy the entry requirements.

Students who have a qualifying 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 average mark of at least 65 or equivalent or a higher mark or grade as specified by the faculty that administers the honours component, including any other requirements specified by that faculty.

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 foundation units in psychology at the University of Sydney.

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

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 Science/Bachelor of Advanced Studies.

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

If you are eligible to do honours, you can select honours coursework and complete an honours research project.

Prerequisite: Refer to the advanced coursework, project and/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.

**COURSES A-Z**

[B Advanced Computing/B Science (Medical Science)]

<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>Dalyell by invitation</td>
<td>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 also have access to the Open Learning Environment to broaden your skills and explore other areas of study.</td>
<td>Computer programmer, computer system administrator, consultant, entrepreneur, information services management, systems analyst, software engineer, user experience, web development and management</td>
<td>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.</td>
</tr>
</tbody>
</table>
B Applied Science (Diagnostic Radiography)

ATAR 91* IB 37*
UAC 55320
4 years full time

Learn the skills you need to produce world-class medical imaging and provide excellent patient care. In this degree, you will learn to use equipment ranging from small mobile X-ray machines to larger units, from MRI and CT scanners to sophisticated cardiac units, enabling timely and accurate patient diagnoses.

This degree is accredited by the Medical Radiation Practice Board of Australia and is an approved program of study for general registration as a diagnostic radiographer.

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

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

Career possibilities

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

B Applied Science (Exercise and Sport Science)

ATAR 92* IB 27*
UAC 55825
3 years full time

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 access a wide range of electives, or a second minor or major 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.

You will complete a major in Exercise Science, a minor in Physical Activity and Health. You can also take electives or an optional major or minor from the shared pool. You will also have access to the Open Learning Environment to broaden your skills and explore other areas of study.

Assumed knowledge Chemistry and Mathematics

Career possibilities

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

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

ATAR 92* IB 27*
UAC 55826
4 years full time

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. In the fourth year you will undertake advanced coursework and either a substantial industry, community, entrepreneurship or research project. High-achieving students will have the opportunity to complete an honours project. The University is seeking qualifying accreditation for this course, to enable graduates to register as an exercise scientist with Exercise and Sport Science Australia.

You will complete a major in Exercise Science, a minor in Physical Activity and Health, a practicum and a second major from the shared pool. You will also have access to the Open Learning Environment to broaden your skills and explore other areas of study.

Assumed knowledge Chemistry and Mathematics

Career possibilities

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

B Applied Science (Exercise Physiology)

ATAR 91* IB 37*
UAC 55150
4 years full time

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.

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

Assumed knowledge Chemistry and Mathematics

Career possibilities

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

B Applied Science (Occupational Therapy)

ATAR 92* IB 34*
UAC 55635
4 years full time

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.

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

Assumed knowledge Biology

Recommended studies Mathematics

Career possibilities

Occupational Therapist

The breadth of occupational therapy means you can diversify your career while staying within the same profession. For example, you could work time on one in rehabilitation with stroke or cancer survivors, then work with babies in a neonatal intensive care unit. You could work in a community mental health setting, or with Aboriginal or Torres Strait Islander applicants may also be assessed separately under the Sydney Program. For how these prerequisites apply to international students, see page 97.

Assumed knowledge Chemistry and Physics

Recommended studies Mathematics

Career possibilities

Physiotherapist

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

B Architecture and Environments

ATAR 91 IB 31
UAC 51000
3 years full time

The Bachelor of Architecture and Environments provides a broad overview of the built environment through studies in design, architecture, urban planning, sustainability, heritage, building systems and construction and facilities management.

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.

Assumed knowledge Architecture and Environmental Design

Recommended studies Mathematics

Career possibilities

Architect (both additional study, property and real estate, construction, project management, urban design, urban planner)
You will be offered one major from the options below and a second major or a minor from those or from the shared pool. 

- American Studies
- Ancient Greek
- Ancient History
- Anthropology
- Arabic Language and Cultures
- Archaeology
- Art History
- Asian Studies
- Biblical Studies and Classical Hebrew
- Celtic Studies
- Chinese Studies
- Criminology
- Cultural Studies
- Digital Cultures
- Diversity Studies
- Economics
- Economic Policy
- English
- Environmental and Resource Economics
- Environmental Agriculture
- Film Studies
- French
- Francophone Studies
- Gender Studies
- Germanic Studies
- Hebrew
- Hindu Studies
- Indigenous Studies
- Indonesian Studies
- International Comparative Literary Studies
- International Relations
- Italian Studies
- Japanese Studies
- Jewish Civilisation
- Korean Studies
- Latin
- Linguistics
- Modern Greek Studies
- Music
- Philosophy
- Political Economy
- Politics
- Sanskrit (minor only)
- Social Policy (minor only)
- Sociolinguistics
- Sociology
- Spanish
- Latin American Studies
- Studies in Religion
- Theatre and Performance Studies
- Writing Studies

Refer to the B Arts University of Sydney based majors for information on studies in France, or refer to the Science Po website

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

This four-year dual degree enables you to work towards both a B Arts degree at Science Po in France for the first two years, and a B Arts degree at the University of Sydney for the remaining two years. As part of your B Arts at the University of Sydney, you'll have access to the shared pool and the Open Learning Environment.

Assumed knowledge

- Refer to the B Arts for University of Sydney based majors for information on studies in France.
- Refer to Science Po website: sciencepo.fr/en/home

Course description

- Taught in Sydney, France, and via online delivery
- Includes units of study from the School of Languages and Cultures
- Half a year in Sydney and a full year in France
- For language studies: pathways are available for applicants with no prior language experience, as well as for those with prior language experience in the respective language of study.

Career possibilities

- Anthropologist
- Archaeologist
- Art historian
- Business administrator or manager
- Economist
- Editor or publisher
- Foreign affairs and trade officer
- Government policy officer
- Historian
- Heritage specialist
- Information specialist
- Journalist
- Lawrence specialist
- Media and communications officer
- Publisher
- Researcher
- Sociologist

Assumed knowledge Prerequisite

- Language minor
- French
- English
- Greek

Prerequisite Career possibilities

- Government policy officer
- Foreign affairs and trade officer
- Arts manager

Assumed knowledge

- Refer to B Arts University of Sydney based majors for information on studies in France.
- Refer to Science Po website: sciencepo.fr/en/home

Course description

- Taught in Sydney, France, and via online delivery
- Includes units of study from the School of Languages and Cultures
- Half a year in Sydney and a full year in France
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Career possibilities

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- Art historian
- Business administrator or manager
- Economist
- Editor or publisher
- Foreign affairs and trade officer
- Government policy officer
- Historian
- Heritage specialist
- Information specialist
- Journalist
- Language specialist
- Media and communications officer
- Publisher
- Researcher
- Sociologist

Assumed knowledge Prerequisite

- Language minor
- French
- English
- Greek

Prerequisite Career possibilities

- Government policy officer
- Foreign affairs and trade officer
- Arts manager

Assumed knowledge

- Refer to B Arts University of Sydney based majors for information on studies in France.
- Refer to Science Po website: sciencepo.fr/en/home

Course description

- Taught in Sydney, France, and via online delivery
- Includes units of study from the School of Languages and Cultures
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- Editor or publisher
- Foreign affairs and trade officer
- Government policy officer
- Historian
- Heritage specialist
- Information specialist
- Journalist
- Language scholar
- Media and communications officer
- Publisher
- Researcher
- Sociologist

Assumed knowledge Prerequisite

- Language minor
- French
- English
- Greek

Prerequisite Career possibilities

- Government policy officer
- Foreign affairs and trade officer
- Arts manager

Assumed knowledge

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Course description

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Career possibilities

- Anthropologist
- Archaeologist
- Art historian
- Business administrator or manager
- Economist
- Editor or publisher
- Foreign affairs and trade officer
- Government policy officer
- Historian
- Heritage specialist
- Information specialist
- Journalist
- Language scholar
- Media and communications officer
- Publisher
- Researcher
- Sociologist

Assumed knowledge Prerequisite

- Language minor
- French
- English
- Greek
**A/ Advanced Studies (Languages)**

**Course description**
This course is designed to provide you with the opportunity to combine your passion for the study of languages and cultures with practical skills in multilingual translation and to develop high-level intercultural engagement and communication skills.

**Assumed knowledge** Refer to B Arts/ Advanced Studies

**Career possibilities**

**B Arts/ Advanced Studies (Mass Media and Communication)**

**Course description**
This course 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.

**Assumed knowledge** Refer to B Arts/ Advanced Studies

**Career possibilities**

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

**Course description**
This course covers all aspects of political, cultural and economic relations at both the domestic and international levels, enabling you to understand the world-shaping political forces that extend far beyond national boundaries and impact our lives in unexpected ways.

**Assumed knowledge** Refer to B Arts/ Advanced Studies

**Career possibilities**

**B Arts/ Advanced Studies (Nursing)**

**Course description**
This course remains a popular area of study, as the focus on health and the importance of nurses continues to grow.

**Assumed knowledge** Refer to B Arts/ Advanced Studies

**Career possibilities**

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*B for Bachelor of, M for Master of and D for Doctor of.*

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**Assumed knowledge/Prerequisite**

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

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Tertiary education and training options for people with disabilities, migrant and refugee liaison officer, international development worker, social policy advisor.

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**Australian Association of Social Workers**

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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 applicants under the Gadigal Program). For more information, see page 97.
Your global business journey starts here. Your Bachelor of Commerce offers a wide variety of subject options, immersive real-world experiences and a strong commercial grounding in business. Whether you’re interested in the exciting world of international commerce and industry placement opportunities, or tailor your degree to launch your career in virtually any field, anywhere in the world. You’ll also have access to the Open Learning Environment to broaden your skills and explore other areas of study.

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

Core areas of study include app design, creative technology, design thinking, graphic design, information architecture, physical computing, sound design, user experience and user-centred design. Core studies in digital design, interaction design, information visualisation design and human computer experience. You will also take a major from the shared pool. Open Learning Environment units, and a research, community, industry or entrepreneurial project in your fourth year.

Assumed knowledge/Prerequisite

For how these prerequisites apply to international students, see page 97. (Aboriginal and Torres Strait Islander applicants may also be assessed separately under the Gadigal Program).
B Economics/Advanced Studies

This combined degree will give you a comprehensive understanding of the economic, 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 their degree and the strength of economics at the University of Sydney through advanced 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, a minor or second major from the shared pool Economic: Economicsometrics, Financial Economics, Environmental, Agricultural and Resource Economics. In your final year, you will undertake advanced coursework and either an honours project or a substantial research project that builds on the skills and knowledge developed in the Bachelor of Economics. You will also take units from the Open Learning Environment.

Assumed knowledge

Mathematics prerequisite (Band 4) or Mathematics Extension 2 (Band E2), or equivalent.

Career possibilities

Accountant, banker, business consultant, business information systems analyst, economic analyst, economist, economist (government and NGR), human resource manager, industrial relations specialist, researcher, social policy advisor.

B Education (Dual Degree, Sciences 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 with 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.

Discover where economics and social sciences collide. Through this unique double degree you will gain a broad understanding of economic theory and econometrics, and economic analysis. As part of this degree, you will have access to the Open Learning Environment and electives from the shared pool.

Course description

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

Assumed knowledge

Mathematics prerequisite (Band 4) or Mathematics Extension 2 (Band E2), or equivalent.

Career possibilities

For the Bachelor of Economics of Sydney basin-majors.

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

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 curriculum, a strong social justice and leadership focus, placement experiences in early childhood settings that exceed minimum requirements, and opportunities to develop and apply research skills in an honours pathway.

Course description

You will study specialist units in early childhood education and development, complemented by generalist units in education and professional studies, as well as electives units in the study of the social sciences, social theory, human rights, and child and family development. A high priority for both federal and state governments is the quality of teaching in early childhood education. Your knowledge and skills will enable you to teach the development of young children, their social and emotional development, and their cognitive function and language development.

Assumed knowledge

Mathematics prerequisite (Band 4) or Mathematics Extension 2 (Band E2), 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 education is a high priority for both federal and state governments in Australia. Professional recognised 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 (PDHEP), along with the ability to teach physical activity and sport 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 PDHEP. 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. Throughout your course, you will contribute to your professional experience placement in schools.

Course description

You will take units from the following course, and a minor or entrepreneurship project that reflects your expertise in a range of disciplines. You will also take units from the Open Learning Environment.

Assumed knowledge

Mathematics prerequisite (Band 4) or Mathematics Extension 2 (Band E2), or equivalent.

Career possibilities

For the Bachelor of Education (Secondary, Humanities and Social Sciences) & Arts.

Teaching in secondary schools or careers in corporate training and human resources, community health, coaching, recreation and sport.

Professional recognition

NSW Education Standards Authority. NSW Department of Education, Association of Independent Schools of NSW, Catholic Education Office.

B Education (Primary)

This degree will give you a professional qualification to teach in primary schools. You will take a primary school with children aged 5-12 years. Gain extensive skills and knowledge during this four-year degree, with school placements commencing in your first year. This begins with observing and interacting with small groups of primary school students, and later expand to include patterns of classroom interaction, teacher-developed curriculum materials and whole-school activities. Your experience will be fully comprehensive to teach without close supervision.

Course description

You will take units from the following course, and a minor or entrepreneurship project that reflects your expertise in a range of disciplines. You will also take units from the Open Learning Environment.

Assumed knowledge

Mathematics prerequisite (Band 4) or Mathematics Extension 2 (Band E2), or equivalent.

Career possibilities

Professional teaching experiences are offered in primary school (birth–5 years). Qualified early childhood educators will have an experience placement in schools or careers in corporate training and human resources, community health, coaching, recreation and sport.

Professional recognition

NSW Education Standards Authority. NSW Department of Education, Association of Independent Schools of NSW, Catholic Education Office.

B Education (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.

Course description

The course covers professional teaching, special education, international education, and communications technology. School observations and practice teaching are integral components of the professional experiences in this degree. Professional teaching experiences are offered to primary school students, along with the opportunity to participate in a school-based placement. The opportunity to develop your teaching skills and professional understanding of how to work with students.

Assumed knowledge

Mathematics prerequisite (Band 4) or Mathematics Extension 2 (Band E2), or equivalent.

Career possibilities

Teaching in secondary schools or careers in corporate training and human resources, community health, coaching, recreation and sport.

Professional recognition

NSW Education Standards Authority. NSW Department of Education, Association of Independent Schools of NSW, Catholic Education Office.

B French

This degree will give you a professional qualification to teach in schools. You will take units from the following course, and a minor or entrepreneurship project that reflects your expertise in a range of disciplines. You will also take units from the Open Learning Environment.

Course description

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

Assumed knowledge

Mathematics prerequisite (Band 4) or Mathematics Extension 2 (Band E2), or equivalent.

Career possibilities

Teaching in secondary schools or careers in corporate training and human resources, community health, coaching, recreation and sport.

Professional recognition

NSW Education Standards Authority. NSW Department of Education, Association of Independent Schools of NSW, Catholic Education Office.

B Modern Languages

You will have access to the Open Learning Environment and electives from the shared pool.

Course description

You will take units from the following course, and a minor or entrepreneurship project that reflects your expertise in a range of disciplines. You will also take units from the Open Learning Environment.

Assumed knowledge

Mathematics prerequisite (Band 4) or Mathematics Extension 2 (Band E2), or equivalent.

Career possibilities

Teaching in secondary schools or careers in corporate training and human resources, community health, coaching, recreation and sport.

Professional recognition

NSW Education Standards Authority. NSW Department of Education, Association of Independent Schools of NSW, Catholic Education Office.

B Music

This degree will give you a professional qualification to teach in schools. You will take units from the following course, and a minor or entrepreneurship project that reflects your expertise in a range of disciplines. You will also take units from the Open Learning Environment.

Course description

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

Assumed knowledge

Mathematics prerequisite (Band 4) or Mathematics Extension 2 (Band E2), or equivalent.

Career possibilities

Teaching in secondary schools or careers in corporate training and human resources, community health, coaching, recreation and sport.

Professional recognition

NSW Education Standards Authority. NSW Department of Education, Association of Independent Schools of NSW, Catholic Education Office.

B Psychology

This degree will give you a professional qualification to teach in secondary schools. You will take units from the following course, and a minor or entrepreneurship project that reflects your expertise in a range of disciplines. You will also take units from the Open Learning Environment.

Course description

You will take units from the following course, and a minor or entrepreneurship project that reflects your expertise in a range of disciplines. You will also take units from the Open Learning Environment.

Assumed knowledge

Mathematics prerequisite (Band 4) or Mathematics Extension 2 (Band E2), or equivalent.

Career possibilities

Teaching in secondary schools or careers in corporate training and human resources, community health, coaching, recreation and sport.

Professional recognition

NSW Education Standards Authority. NSW Department of Education, Association of Independent Schools of NSW, Catholic Education Office.

B Visual Arts

This degree will give you a professional qualification to teach in schools. You will take units from the following course, and a minor or entrepreneurship project that reflects your expertise in a range of disciplines. You will also take units from the Open Learning Environment.

Course description

You will take units from the following course, and a minor or entrepreneurship project that reflects your expertise in a range of disciplines. You will also take units from the Open Learning Environment.

Assumed knowledge

Mathematics prerequisite (Band 4) or Mathematics Extension 2 (Band E2), or equivalent.

Career possibilities

Teaching in secondary schools or careers in corporate training and human resources, community health, coaching, recreation and sport.

Professional recognition

NSW Education Standards Authority. NSW Department of Education, Association of Independent Schools of NSW, Catholic Education Office.

B Visual Arts (Honours)

This degree will give you a professional qualification to teach in secondary schools. You will take units from the following course, and a minor or entrepreneurship project that reflects your expertise in a range of disciplines. You will also take units from the Open Learning Environment.

Course description

You will take units from the following course, and a minor or entrepreneurship project that reflects your expertise in a range of disciplines. You will also take units from the Open Learning Environment.

Assumed knowledge

Mathematics prerequisite (Band 4) or Mathematics Extension 2 (Band E2), or equivalent.

Career possibilities

Teaching in secondary schools or careers in corporate training and human resources, community health, coaching, recreation and sport.

Professional recognition

NSW Education Standards Authority. NSW Department of Education, Association of Independent Schools of NSW, Catholic Education Office.

B Visual Arts (Special Studies)

This degree will give you a professional qualification to teach in secondary schools. You will take units from the following course, and a minor or entrepreneurship project that reflects your expertise in a range of disciplines. You will also take units from the Open Learning Environment.

Course description

You will take units from the following course, and a minor or entrepreneurship project that reflects your expertise in a range of disciplines. You will also take units from the Open Learning Environment.

Assumed knowledge

Mathematics prerequisite (Band 4) or Mathematics Extension 2 (Band E2), or equivalent.

Career possibilities

Teaching in secondary schools or careers in corporate training and human resources, community health, coaching, recreation and sport.

Professional recognition

NSW Education Standards Authority. NSW Department of Education, Association of Independent Schools of NSW, Catholic Education Office.
**B Education Secondary: Science**

**Course description**
This five-year combined degree will give you an internationally qualifi
cation 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, special
education, international education, and information and communications
technology. School observation and practice teaching are integral
components of the professional experience in this degree.

**Admission**
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.

<table>
<thead>
<tr>
<th>Program</th>
<th>Majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>BY 4</td>
<td>4 years full time</td>
<td><em>ATAR/C (Band 4) or Mathematics (Band 4) or equivalent.</em></td>
<td><strong>Electrical Engineering</strong> and <strong>Mechanical Engineering</strong></td>
</tr>
<tr>
<td>IB</td>
<td></td>
<td></td>
<td><strong>Bachelor of Education</strong> and <strong>Bachelor of Science</strong>, Major in Special Education.</td>
</tr>
</tbody>
</table>

**Assumed knowledge**
- For **Science Stream**:
  - All students must have Mathematics (Band 4) or equivalent.
  - Extension 1 or 2 (Band 4) or equivalent.

**Career possibilities**
- **Electrical Engineering** and **Mechanical Engineering**
- **Bachelor of Education** and **Bachelor of Science**, Major in Special Education.

**B Education Secondary: Mathematical/Science**

**Course description**
This five-year combined degree will give you an internationally qualifi
cation 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, special
education, international education, and information and communications
technology. School observation and practice teaching are integral
components of the professional experience in this degree.

**Admission**
This professional experience is offered in partnership with participating
schools and will provide you with the opportunity to develop your
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<td>BY 4</td>
<td>4 years full time</td>
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<td><strong>Electrical Engineering</strong> and <strong>Mechanical Engineering</strong></td>
</tr>
<tr>
<td>IB</td>
<td></td>
<td></td>
<td><strong>Bachelor of Education</strong> and <strong>Bachelor of Science</strong>, Major in Special Education.</td>
</tr>
</tbody>
</table>

**Assumed knowledge**
- For **Science Stream**:
  - All students must have Mathematics (Band 4) or equivalent.
  - Extension 1 or 2 (Band 4) or equivalent.

**Career possibilities**
- **Electrical Engineering** and **Mechanical Engineering**
- **Bachelor of Education** and **Bachelor of Science**, Major in Special Education.
B Engineering Honours (Mechatronic)  
**ATAR 92**  
**IB 34**  
**UAC 30480**  
4 years full time  
*Day by day*  

**Course description**  
Lead the next generation of machine designers. The Bachelor of Engineering Honours (Mechatronics) combines mechanical, electrical and software engineering to enable you to create computer-controlled machines and consumer products.

**Programs, majors and minors**  
- If you are a high-achieving student with an ATAR of 99 (or equivalent) above, you may apply for the Space Engineering major. The other majors that best align with this stream is Robotics and Intelligent Systems. Majors are optional.  

**Assumed knowledge/Prerequisite**  
- Mechanical Engineering, Mathematics II and Physics  
- Or Mathematics Extension 2 or Mathematics  
- Or equivalent  

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

---

**B Engineering Honours (Software)**  
**ATAR 92**  
**IB 34**  
**UAC 30480**  
4 years full time  
*Day by day*  

**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 of Things, Computer Engineering, Power Engineering, and Telecommunications Engineering. Majors are optional.  

**Assumed knowledge/Prerequisite**  
- Mathematics II and Physics  
- Or Mathematics Extension 2 or Mathematics  
- 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 30360**  
4 years full time  
*Day by day*  

**Course description**  
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 bodies and explorative spacecraft. You will learn to tackle nature’s most unforgiving environment in a dynamic and continually evolving industry.

**Programs, majors and minors**  
- The Space Engineering major is available in aeronautical, mechanical and mechatronic stream; refer to the relevant stream. The major in Space Engineering covers studies in aerospace systems, electronic devices and circuits, orbital mechanics, space vehicle design, and systems engineering.  

**Assumed knowledge/Prerequisite**  
- Mathematics II and Mechanics  
- Or Mathematics Extension 1 and Physics  
- Or Mathematics Extension 2 or Mathematics  
- 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 30360**  
5 years full time  
*Day by day*  

**Course description**  
This combined degree allows you to study engineering while pursuing your interests in the humanities, social sciences or languages. You can combine any of the 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.

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

**Assumed knowledge/Prerequisite**  
- Refer to relevant B Engineering Honours stream and B Arts  

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

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**B Engineering Honours/ B Commerce**  
**ATAR 95**  
**IB 56**  
**UAC 30360**  
5 years full time  
*Day by day*  

**Course description**  
This combined degree is designed to extend the management component of the Bachelor of Engineering Honours. You can combine any of the engineering streams with a Bachelor of Commerce, where you will access the Open Learning Environment and the shared pool of majors, minors and electives.

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

**Assumed knowledge/Prerequisite**  
- Refer to relevant B Engineering Honours stream and B Commerce  

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

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**B Engineering Honours (Civil/IB Design in Architecture)**  
**ATAR 95**  
**IB 37**  
**UAC 55855**  
5 years full time  
*Day by day by invitation*  

**Course description**  
Design unique and innovative infrastructure. In the Bachelor of Engineering Honours (Civil) and Bachelor of Design in Architecture combined degree you will learn to analyse the forces within a structure and design its skeleton to support the legal system. You can combine any of the engineering streams with Civil Engineering or Architecture for requirements.

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

**Assumed knowledge/Prerequisite**  
- Or Mathematics Extension 1 and Physics  
- Or Mathematics Extension 1 or Mathematics  
- Or equivalent  

**Career possibilities**  
- Editor, architect, urban planner, interior designer, project manager, environmental consultant, human rights champion, sustainable specialist, or urban design specialist.

---

**B Engineering Honours/ B Laws**  
**ATAR 99.5**  
**IB 45**  
**UAC 50580**  
6 years full time  
*Day by day by invitation*  

**Course description**  
This six-year combined degree will provide an excellent foundation for a career in law or engineering. Your engineering studies will emphasise the practical aspects of science, while your law studies will focus on the interpretation and application of the legal system. You can combine any of the engineering streams with a Bachelor of Laws.

**Programs, majors and minors**  

**Assumed knowledge/Prerequisite**  
- Refer to relevant B Engineering Honours stream and B Project Management  
- Or Mathematics Extension 1 and, either Physics or Chemistry, and Business Studies I  
- Or equivalent  

**Career possibilities**  
- Refer to relevant B Engineering Honours stream and B Project Management.

---

**B Engineering Honours/ B Project Management**  
**ATAR 92**  
**IB 34**  
**UAC 50390**  
5 years full time  
*Day by day by invitation*  

**Course description**  
In this combined degree you will develop technical expertise in your chosen engineering stream, along with complementary 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.

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

**Assumed knowledge/Prerequisite**  
- Refer to relevant B Engineering Honours stream and B Project Management  
- Or Mathematics Extension 1 and, either Physics or Chemistry, and Business Studies I  
- Or equivalent  

**Career possibilities**  
- Refer to relevant B Engineering Honours stream and B Project Management.

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**B Engineering Honours/ B Science**  
**ATAR 92**  
**IB 54**  
**UAC 50395**  
5 years full time  
*Day by day by invitation*  

**Course description**  
This combined degree emphasises the strong scientific foundations of engineering. It will expand your career options by giving you two qualifications with just one extra year of study.

**Programs, majors and minors**  
- In addition to your engineering stream, you will complete a major in Science. You can combine any engineering stream with a Bachelor of Science and the shared pool of majors, minors and electives.

**Assumed knowledge/Prerequisite**  
- Refer to relevant B Engineering Honours stream and B Science  
- Or Mathematics Extension 1 and, either Physics or Chemistry, and Business Studies I  
- Or equivalent  

**Career possibilities**  
- Refer to relevant B Engineering Honours stream and B Science.
B Engineering
Honours/ B Science (Health)

ATAR: 85
IB: 40
UAC: 98600
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 and minors.

Assumed knowledge:
Mathematics Extension 1, Chemistry, and other Biology or Physics

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

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

Career possibilities:

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

From writing and presenting to thinking ethically and critically, this degree is your preparation for life beyond the classroom.

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

Course description

Programs, majors and minors

Assumed knowledge/
Prerequisite

Career possibilities

B Liberal Arts and Science

ATAR: 70
IB: 25
UAC: 99900
3 years full time

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

From writing and presenting to thinking ethically and critically, this degree is your preparation for life beyond the classroom.

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

Course description

Programs, majors and minors

Assumed knowledge/
Prerequisite

Career possibilities

B Music

ATAR: A/75* IB A-C 125* UAC: 98600
4 years full time

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

You will choose from the following three programs: Contemporary Music Practice; Creative Music; Digital Music and Media; Improvised Music; or choose a Musicology major. You may also take an optional major or electives from the shared pool and the Open Learning Environment.

Assumed knowledge:
Music 1 or equivalent

These depend on the areas of study and could include: arts administrator, music producer, singer/songwriter, contemporary musician, festival or venue manager, composer, music arranger, sound installation designer, interactive music designer, jazz musician, music journalist, music researcher, event producer.
**Music (Introduction)**

**Course description**

Creating new music is a vital part of studies at the Sydney Conservatorium of Music. Our composition and music technology staff are some of Australia’s most gifted and widely recognised composers, working across instrumental and vocal to electronic and electroacoustic music.

You will have the opportunity to study in both traditional and electroacoustic composition areas, including computer music, digital music and sound art. Core studies are taken in analysis, composition, performance workshop, composition through improvisation, history and culture, and music skills (aural perception, harmony and analysis, music technology and sound recording).

**Assumed knowledge**

Music 1 or 2 or equivalent

**Career possibilities**

Composer, contemporary music, music industry, music teacher.

---

**Music (Education)**

**Course description**

Music educators train the musicians of tomorrow. The Music Education stream immerses students in the Sydney Conservatorium of Music’s melting pot of performance, composition and teaching. While preparing to become accredited classroom teachers, our music education students take part in a principal study in Performance Class or Composition.

Music education, music education plus instrument or voice or academic 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 five of the following if considered necessary:

- Music (Band 5 in five of the following if considered necessary: one of which needs to be English, English Standard or English Advanced)
- Other applicants may be admitted through an approved comparable measure

**Career possibilities**

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

---

**Music (Performance)**

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

You will undergo a comprehensive education on your chosen instrument, designed to push your creative and performance abilities to the next level.

**Course description**

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

In addition, you will complete core studies in music skills and analysis, history, culture, performance, ensemble studies and pedagogy.

**Assumed knowledge**

Music 2 or equivalent

**Career possibilities**

Concert soloist, professional musician, private music teacher, orchestra, soloist, chamber music, conductor, arts manager

---

**B Nursing (Advanced Studies)**

**Course description**

Provide high-quality care and change lives. The Bachelor of Nursing (Advanced Studies) will help you develop a comprehensive understanding of all aspects of nursing practice.

Combining practical learning with professional nursing practice, this degree will enable you to apply for registration with the Nursing Council of NSW and Midwifery Board of Australia and launch your career in healthcare.

**Focus areas for nursing**

Acute care, aged care, child and adolescent health, chronic illness, clinical practice, Indigenous health, mental health, palliative care, public health, pharmacy, primary healthcare, professional practice, social and health policy.

**Assumed knowledge**

None

**Career possibilities**

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

---

**B Oral Health**

**Course description**

Through theoretical and clinical learning sessions, the Bachelor of Oral Health equips you with the required knowledge, clinical skills and experience to deliver optimised periodontal assessment and non-surgical, simple restorative treatment, and oral and dental health education and promotion to patients of all ages and communities.

**Assumed knowledge**

None

**Career possibilities**

oral health therapist, dental hygienist, dental therapist, community oral health educator, consultant/advocate.

---

**B Pharmacy**

**Course description**

This degree is an integral part of the Bachelor of Science and Science stream and will equip you with the necessary knowledge and skills to launch your career in healthcare.

**Assumed knowledge**

None

**Career possibilities**

clinical pharmacist, pharmaceutical sciences, pharmacology, pharmacy practice.

---

**B Project Management**

**Course description**

Choose one major either from the project management options in construction or building environment, or the shared pool of majors.

**Assumed knowledge**

None

**Career possibilities**

Project Management Engineer, construction manager.

---

**B Psychology**

**Course description**

The Bachelor of Psychology is ideal for the student who would like to work in psychology 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 are encouraged to start working right away.

**Assumed knowledge**

None

**Career possibilities**

Clinical psychologist, registered psychologist.

---

**B Psychology (Honours)**

**Course description**

Psychologists are registered as professional psychologists. A career in psychology can be in research, teaching or clinical practice.

**Assumed knowledge**

None

**Career possibilities**

Research Associate, research assistant.

---

**B Psychology (Industrial)**

**Course description**

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

**Assumed knowledge**

None

**Career possibilities**

Research Psychologist, Industrial Psychologist.

---

**B Project Management**

**Course description**

Choose one major either from the project management options in construction or building environment, or the shared pool of majors.

**Assumed knowledge**

None

**Career possibilities**

Project Management Engineer, construction manager.

---

**B Project Management**

**Course description**

Choose one major either from the project management options in construction or building environment, or the shared pool of majors.

**Assumed knowledge**

None

**Career possibilities**

Project Management Engineer, construction manager.

---

**B Psychology**

**Course description**

The Bachelor of Psychology is ideal for the student who would like to work in psychology 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 are encouraged to start working right away.

**Assumed knowledge**

None

**Career possibilities**

Clinical psychologist, registered psychologist.

---

**B Psychology (Industrial)**

**Course description**

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

**Assumed knowledge**

None

**Career possibilities**

Research Psychologist, Industrial Psychologist.

---

**B Project Management**

**Course description**

Choose one major either from the project management options in construction or building environment, or the shared pool of majors.

**Assumed knowledge**

None

**Career possibilities**

Project Management Engineer, construction manager.

---

**B Psychology**

**Course description**

The Bachelor of Psychology is ideal for the student who would like to work in psychology 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 are encouraged to start working right away.

**Assumed knowledge**

None

**Career possibilities**

Clinical psychologist, registered psychologist.

---

**B Psychology (Industrial)**

**Course description**

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

**Assumed knowledge**

None

**Career possibilities**

Research Psychologist, Industrial Psychologist.

---

**B Project Management**

**Course description**

Choose one major either from the project management options in construction or building environment, or the shared pool of majors.

**Assumed knowledge**

None

**Career possibilities**

Project Management Engineer, construction manager.

---

**B Psychology**

**Course description**

The Bachelor of Psychology is ideal for the student who would like to work in psychology 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 are encouraged to start working right away.

**Assumed knowledge**

None

**Career possibilities**

Clinical psychologist, registered psychologist.

---

**B Psychology (Industrial)**

**Course description**

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

**Assumed knowledge**

None

**Career possibilities**

Research Psychologist, Industrial Psychologist.
B Science
Course description
A Bachelor of Science opens up a world of opportunities. Whether you dream of a career improving the health of people and the environment, or a career in technology, you can pursue your own interests.

Assumed knowledge/Prerequisite
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. Agroecosystems (program); Anatomy and Histology; Animal Health, Disease and Welfare; Animal Production; Applied Medical Science; Biochemistry and Molecular Biology; Biology; Cell and Developmental Biology; Chemistry; Computer Science; Data Science; Ecology and Evolutionary Biology; Environmental Studies; Financial Mathematics and Stad Analysis; Genetics and Genomics; Geographic, Geology and Geophysics; History and Philosophy of Science; Immunology (minor); Microbiology (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; Plant Production; Plant Science (minor); Psychology (minor); Qunatitative Life Sciences; Software Development; Soil Science and Hydrology; Statistics; Taronga Wildlife Conservation (program); Veterinary Science (minor); Wildlife Conservation major (Taronga Wildlife Conservation program only); Zoology (minor); Wildlife.

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

B Science (Health)
Course description
Health is one of the fastest growing sectors. You will learn to understand the nature of the health problems facing global communities and how to design effective healthcare approaches to serve our increasingly consumer-driven, ageing populations. The Bachelor of Science (Health) provides you with a comprehensive understanding of health that you can tailor to suit your own interests.

Assumed knowledge/Prerequisite
You are required to complete the Health major in this stream. You will complete a second major or minor from those available in the B Science, in Human Movement, only available to students enrolled in the Health stream or from the shared pool of majors and minors. You will also complete Open Learning Environment units.

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

B Science (Medical Science)
Course description
With the rise of personalised medicine, an increase in jobs in the broad medical and health sciences is predicted. Whether you want to work at the forefront of medical research or become a doctor or dentist, further study, the Bachelor of Science (Medical Science) will give you the essential foundation for a rewarding career improving the health of people and the community.

Assumed knowledge/Prerequisite
This stream requires completion of a program in Medical Science, including a Medical Science major. You will also complete a second major or minor or those available in the B Science or from the shared pool and Open Learning Environment units.

Career possibilities
Medical researcher, pathologist, doctor (after further study), dentist (after further study), historian, physiologist, microbiologist, medical device designer.
This course requires completion of a program in Animal and Veterinary Bioscience, including an Animal and Veterinary Bioscience major. You will complete a second major from those available in the B Science or from the shared pool. You’ll also complete units from the Open Learning Environment.

Assumed knowledge/Prerequisite
Mathematics and Chemistry. All students undertake some study in mathematics and biology. You’ll also complete units from the Open Learning Environment.

Recommended studies
Biology
Prerequisite
Mathematics (Band 4) or Mathematics Extension 1 or (2 Band E3; or equivalent)

Career possibilities
Agricultural scientist, animal health and welfare professional, animal ethicist, animal welfare researcher, ecologist, environmental policymaker, geneticist, wildlife population manager, veterinarian (with further study in the Doctor of Veterinary Medicine).

This stream will introduce you to the study of both food science and business. This combination of disciplines will give you the desirable and distinct set of skills and knowledge that are in high demand in Australia’s rapidly growing food and beverage sector. In this degree, you will undertake advanced coursework and have access to the Open Learning Environment. During this degree you will combine studies from a range of disciplines in the shared pool.

You are required to complete the Health major in this stream. You will complete a second major or minor from those available in the B Science, in Human Movement (with further study), or one available to students enrolled in the health stream from the shared pool.

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

This stream requires completion of a program in Medical Science, including a Major in Medical Science (B Science [Medical Science]). You will complete a second major or minor from those available in the B Science or from the shared pool. You’ll also complete units from the Open Learning Environment.

Assumed knowledge/Prerequisite
Mathematics or Physics or Biology or Chemistry and Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3; or equivalent)

Career possibilities
Medical researcher, pathologist, doctor (with further study), dentist (with further study), biochemist, biomedical device designer, anatomy researcher, infectious diseases researcher, geneticist.
B Science/ B Advanced Studies (Taronga Wildlife Conservation)

ATAR 85 IB 31
UAC 503981
4 years full time
Dayblur by Invitation

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science/M Mathematical Sciences

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science/ B Dental Medicine

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science/ B Advanced Studies (Taronga Wildlife Conservation)

ATAR 85 IB 31
UAC 503981
4 years full time
Dayblur by Invitation

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science

Assumed knowledge/ Prerequisite
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Career possibilities
You will undertake one of the following programs.

B Science/M Mathematical Sciences

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science/ B Dental Medicine

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science/ B Advanced Studies (Taronga Wildlife Conservation)

ATAR 85 IB 31
UAC 503981
4 years full time
Dayblur by Invitation

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science/M Mathematical Sciences

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science/ B Dental Medicine

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science/ B Advanced Studies (Taronga Wildlife Conservation)

ATAR 85 IB 31
UAC 503981
4 years full time
Dayblur by Invitation

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science/M Mathematical Sciences

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science/ B Dental Medicine

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science/ B Advanced Studies (Taronga Wildlife Conservation)

ATAR 85 IB 31
UAC 503981
4 years full time
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Assumed knowledge/ Prerequisite
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Career possibilities
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B Science/M Mathematical Sciences

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Refer to B Science.

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B Science/ B Dental Medicine

Assumed knowledge/ Prerequisite
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4 years full time
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B Science/M Mathematical Sciences

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Career possibilities
You will undertake one of the following programs.

B Science/ B Dental Medicine

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science/ B Advanced Studies (Taronga Wildlife Conservation)

ATAR 85 IB 31
UAC 503981
4 years full time
Dayblur by Invitation

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science

Assumed knowledge/ Prerequisite
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Career possibilities
You will undertake one of the following programs.

B Science/M Mathematical Sciences

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science/ B Dental Medicine

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science/ B Advanced Studies (Taronga Wildlife Conservation)

ATAR 85 IB 31
UAC 503981
4 years full time
Dayblur by Invitation

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.

B Science/M Mathematical Sciences

Assumed knowledge/ Prerequisite
Refer to B Science.

Career possibilities
You will undertake one of the following programs.
B Science (Health)/M Nursing*

<table>
<thead>
<tr>
<th>ATAR</th>
<th>IB</th>
<th>UAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>35</td>
<td>93570</td>
</tr>
<tr>
<td>4 years full time</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Daylight by invitation**

Pioneer healthcare innovations and transform lives. This combined degree provides a thorough grounding in both health and health systems at the local, national and global levels, while developing the knowledge, skills and experience to become a registered nurse.

During the Master of Nursing, you will undertake more than 800 clinical placement hours in varied settings including emergency departments, Supporting healthcare, mental health, clinical practice, Indigenous health facilities and community care.

**B Science/M Nutrition and Dietetics**

<table>
<thead>
<tr>
<th>ATAR</th>
<th>IB</th>
<th>UAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>91</td>
<td>35</td>
<td>93570</td>
</tr>
<tr>
<td>4 years full time</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Daylight by invitation**

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**

<table>
<thead>
<tr>
<th>ATAR</th>
<th>IB</th>
<th>UAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>35</td>
<td>93570</td>
</tr>
<tr>
<td>4 years full time</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 other studies.

Combining studies in social policy and social work, you will develop skills to promote social change, solve problem in human relationships, and empower and liberate people to enhance wellbeing. You will gain strong negotiating skills, a nuanced understanding of cultural contexts and sensitivity to various religious beliefs.

**B Veterinary Science/D Veterinary Medicine**

<table>
<thead>
<tr>
<th>ATAR</th>
<th>IB</th>
<th>UAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-C (71*)</td>
<td>IB (55*)</td>
<td>93570</td>
</tr>
<tr>
<td>6 years full time</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This degree provides you with both a scientific foundation and specialist clinical and medical experience. With its integrated approach designed for understanding real-world situations, the six-year course will turn you into a global professional at the forefront of modern veterinary medicine.

Throughout your studies you will engage in work placement experiences in a broad range of small animal, large animal, and industry situations in preparation for introduction to the workforce following graduation.

**B Visual Arts**

<table>
<thead>
<tr>
<th>ATAR</th>
<th>IB</th>
<th>UAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-C (75*)</td>
<td>IB (55*)</td>
<td>93570</td>
</tr>
<tr>
<td>3 years full time</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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. It is a hands-on degree focused on developing the conceptual, theoretical and technical skills you need to succeed as a practising artist or in a range of careers in the creative industries.

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

† ATAR/IB 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 (UNSW and Torquay) and international students may also be assessed separately under the Global Program.

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

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

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

- sydney.edu.au/handbooks

Assumed knowledge and prerequisites
The assumed knowledge, 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.


International students
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 (eg, 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.

Bachelor of Nursing Post Registration (Singapore)
This course is delivered in Singapore by a third-party provider and is not available for full-time study in Australia on a student visa. For more information, visit the Singapore Institute of Management’s website.

- www.simg.edu.sg

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

April 2019
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.

August 2019
Join us on 31 August for Open Day.
sydney.edu.au/open-day

September 2019
Apply for accommodation.

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.

December 2019 – January 2020
Year 12 students receive their high school results and ATAR in mid-December.
Join us at Info Day.
sydney.edu.au/info-day

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.

January – February 2020
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

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

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

June – July 2020
Applications close for the Semester 2 intake. Visit UAC (www.uac.edu.au) and ‘Find a course’ (sydney.edu.au/courses) for dates and degrees open for mid-year entry.

August 2020
Semester 2 begins

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

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

You can withdraw from a unit of study without academic or financial penalty up until the HECS census date. This usually falls on the last day of August.
HOW TO APPLY
INFORMATION FOR DOMESTIC STUDENTS*

1. **Choose your course**
   At the University of Sydney, you have the flexibility to combine study areas from more than 400+ options across nine disciplines. Find the degree for you. 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 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.
   sydney.edu.au/ug-entry

3. **Explore your entry options**
   If you’re not sure you’ll reach the ATAR or equivalent for your preferred course, see page 86 to find out if you’re eligible to apply to the University through another admission pathway.
   sydney.edu.au/study/admission-pathways

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

   If you’re applying for a Sciences Po Dual Degree, you will be required to apply directly to the University of Sydney, even if you are applying through UAC for your other preferences. Early bird UAC applications are due by 30 September 2019. A late fee applies to applications after this date.

**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

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

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

**Prerequisites for education degrees**
For the following education courses, the NSW Education Standards Authority (NESA) requires three Band 5s in the HSC (or equivalent), including one in English (English Standard and English Advanced):
- Bachelor of Education (Health and Physical Education)
- Bachelor of Education (Primary)
- Bachelor of Music (Music Education).

**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.

sydney.edu.au/students/inherent-requirements

**Open Day**
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

**Explore 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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* 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

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

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 $9950 scholarship to assist you with your studies, as well as support for 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](http://www.abs.gov.au).

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.

The 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

Other admission pathways to the University of Sydney, visit [sydney.edu.au/admission-pathways](http://sydney.edu.au/admission-pathways) or [www.uac.edu.au](http://www.uac.edu.au).

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 to 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 take fewer units of study while attending academic skills development workshops and individual tutoring, to build your capacity and confidence to succeed in your studies.

- sydney.edu.au/admission-pathways
- www.uac.edu.au

Manu Yura Student Support
The Manu 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.

ABORIGINAL AND TORRES STRAIT ISLANDER STUDENTS

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

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

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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

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
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
- faculty-scholarships

Equity scholarships
There are a number of equity 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/scholarships
- 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
Sydney Uni Sport and Fitness (SUSF), through the Elite Athlete Program, has assisted the University of Sydney to continue Australia’s oldest and richest academic and sporting tradition.

SUSF is a leading provider of support and services to student athletes who are enrolled at the University of Sydney and/or representing their relevant SUSF sporting club in their chosen sport.

If you are an elite athlete who wants to achieve excellence in your concurrent pursuit of academic studies and sport, look no further than the University of Sydney and the SUSF Elite Athlete Program.


College accommodation scholarships
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
- prospectivescholarships

Accommodation scholarships
There are a number of accommodation scholarships available for undergraduate students. These include reduced rent to assist with living at the University-owned residences and are open to Australian citizens and permanent residents of Australia.

- sydney.edu.au/accommodation

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- sydney.edu.au/accommodation

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
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/dentistry/dddp

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

**Medical 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 Medicine component of the double degree. For details visit the course page.
– sydney.edu.au/medicine/ddmp

**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
INFORMATION FOR INTERNATIONAL STUDENTS*

1 Choose your course
At the University of Sydney, you have the flexibility to combine study areas from more than 400 + options across nine disciplines. Find the degree for you.
– sydney.edu.au/courses

Things to consider
Some courses in education, health, medicine and veterinary science have ‘inherent requirements’: essential tasks and activities to achieve the core learning outcomes of a course.
Although they are not an assessable admission requirement, it’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

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 how to apply.

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.
Admission into most of our undergraduate courses is based on one of the following:
– your ATAR (Australian Tertiary Admission Rank) or equivalent score in a secondary education qualification, such as the IB (International Baccalaureate) or GCE Advanced Levels; find a full list at sydney.edu.au/study/secondary-qualifications, or
– your academic average in higher education studies that include at least one year of full-time study in a bachelor’s degree or for some courses, a recognised diploma, or
– your academic performance in an enabling course such as an approved University preparation program such as the University of Sydney Preparation Programs.
Learn more about academic admission criteria:
– sydney.edu.au/ug-entry

Additional admission criteria
For some courses, including dentistry, education, medicine, music, oral health, visual arts and veterinary science, 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/study/admission-criteria

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

English language requirements
If English is not your first language, you need to demonstrate that your English language skills meet the minimum level required for your chosen course. For undergraduate study, you can do this by fulfilling one of the following:
– complete a recognised secondary education (Year 12) qualification outside Australia.
Refer to the A to Z course table on pages 50 to 77 for course-specific assumed knowledge.
– sydney.edu.au/ug-bridging

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 course-specific assumed knowledge.
– sydney.edu.au/ug-bridging

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.
– www.uac.edu.au/international

3 Submit your application
If you are completing ...
– a current Australian Year 12 (secondary education) examination in or outside Australia, or
– a current International Baccalaureate (IB) diploma in Australia
... then you will need to submit your application online through the Universities Admissions Centre (UAC) International website.
– www.uac.edu.au/international

If you’re applying for a Sciences Po Dual Degree you will be required to apply directly to the University of Sydney, even if you are applying through UAC for your other preferences.
Everyone else needs to apply directly to the University. Go to sydney.edu.au/courses to search for your course, then click on the ‘Apply’ button on the course page to apply online.
For important information for international students, visit
– sydney.edu.au/student-visas

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

INFORMATION FOR INTERNATIONAL STUDENTS*

Page 96
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

<table>
<thead>
<tr>
<th>Course</th>
<th>CRICOS</th>
<th>ATAR/IB</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Commerce/B Advanced Studies (Dalyell Scholars)</td>
<td>093743B</td>
<td>98/40</td>
</tr>
<tr>
<td>B Engineering Honours (Flexible First Year)</td>
<td>083109M</td>
<td>85/31</td>
</tr>
<tr>
<td>B Engineering Honours (Mechanical)</td>
<td>083109M</td>
<td>85/31</td>
</tr>
<tr>
<td>B Engineering Honours (Mechanical/Aeronautical)</td>
<td>083109M</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 Project Management</td>
<td>074381C</td>
<td>80/28</td>
</tr>
<tr>
<td>B Science/B Laws</td>
<td>006440D</td>
<td>95.5/37</td>
</tr>
<tr>
<td>B Science/B Advanced Studies</td>
<td>093744A</td>
<td>80/28</td>
</tr>
<tr>
<td>B Science/B Advanced Studies</td>
<td>093744A</td>
<td>85/31</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Medical)</td>
<td>093744A</td>
<td>85/31</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Health)</td>
<td>093744A</td>
<td>80/28</td>
</tr>
<tr>
<td>B Science/B Advanced Studies</td>
<td>093744A</td>
<td>90/33</td>
</tr>
<tr>
<td>B Science/B Advanced Studies</td>
<td>093744A</td>
<td>98/40</td>
</tr>
<tr>
<td>B Veterinary Biology/B Veterinary Medicine</td>
<td>079223M</td>
<td>A+C 95/37*</td>
</tr>
</tbody>
</table>

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

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

A,C, n/a, *, t, k, q, ‡, ф, **, ◊: see ‘Table notes’ on page 74
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
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 students who wish to study here on courses available to international students and to Australian students who have undertaken an Australian Year 12 qualification. If you have completed another recognised secondary education qualification your results will be translated to an ATAR equivalent to determine whether you have met the standard required for admission.

Combined degrees
When you complete degrees from two different faculties or schools concurrently. For example, if you complete a combined Arts/Laws course, you will be awarded a Bachelor of Arts and a Bachelor of Laws. You can complete two degrees in less time than if you studied the two degrees separately.

Core unit
A compulsory unit of study that you need to complete to be awarded a particular degree.

Credit for previous study
The recognition of previous studies, either at the University of Sydney or another institution that can be granted as specific or non-specific credit towards your current course. Credit for previous study is also called ‘advanced standing’ or ‘transfer credit’.

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

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

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 develops expertise in a specific field. 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.

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

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

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

For a full glossary of frequently used terms, see

GLOSSARY

Australian Capital Territory (ACT).

Australian Capital Territory (ACT).

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

Combined degrees
When you complete degrees from two different faculties or schools concurrently. For example, if you complete a combined Arts/Laws course, you will be awarded a Bachelor of Arts and a Bachelor of Laws. You can complete two degrees in less time than if you studied the two degrees separately.

Core unit
A compulsory unit of study that you need to complete to be awarded a particular degree.

Credit for previous study
The recognition of previous studies, either at the University of Sydney or another institution that can be granted as specific or non-specific credit towards your current course. Credit for previous study is also called ‘advanced standing’ or ‘transfer credit’.

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

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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.

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Some degrees may be completed with honours. Honours differs depending on the degree, and usually involves:

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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.

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

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

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

For a full glossary of frequently used terms, see
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