It’s never too early to start thinking about your future. This Year 10 subject selection guide will help you prepare and take your first steps towards an exciting life at the University of Sydney.
We are ranked 1st in Australia and 4th in the world for graduate employability.*

*QS Graduate Employability Rankings 2017
IT’S ALL POSSIBLE HERE
WHY CHOOSE SYDNEY?

Find the right degree to fulfil your goals with 400+ areas to choose from

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

Combine study and travel with one of our 300+ international partners

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

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

Number 1 for student experience in Australia**

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

$84 million in scholarships offered every year

* QS Graduate Employability Rankings 2017
*** QS World University Rankings 2016-17
Before you get started in exploring this guide, here are some key things you should know about studying at uni.

**At high school**
- Start and finish at the same time, Monday to Friday
- Learn in the classroom
- Teacher-directed study
- Four school terms
- Spend all day at school

**At uni**
- Start and finish at different times on different days
- Learn in lectures, tutorials, labs, design studios, workshops, field research and more
- Independent learning and self-directed study
- Two university semesters – late February to late June; late July to late November
- Your days are determined by your unit of study choices, allowing you more freedom and control over how you spend your day
Key terms you should know

Bachelor’s or undergraduate degree
When you come to university from high school, you will apply for an undergraduate (bachelor’s) degree. These are a minimum of three years long.

Contact hours
The hours you need to come to uni for class are called contact hours. The number of contact hours you have will depend on the area you’re studying. For example, classes in the humanities tend to have fewer contact hours than those in the sciences. An arts degree may involve 12-15 contact hours per week, whereas a science degree may be up to 35.

Semester
The University year is broken up into two semesters. These are like school terms except longer – semester one runs from late February to late June, and semester two runs from late July to late November.

Unit of study
Each semester you will typically need to take four subjects or ‘units of study’. Each unit of study involves a number of assessments and exams. Once you pass these, you progress to the next stage of your degree.

Major
Some degrees are flexible in letting you choose subjects you want to explore, others are more structured. For every degree, you will complete at least one major. A major means that you have studied a certain amount and combination of units of study in a particular area.

Part time or full time
You will be considered a part-time or full-time student depending on how many units of study you take for the semester. If you choose to study part time, you will have less contact hours.
The world is changing, and university education needs to change too.

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

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

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

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

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

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

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

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

YOUR FUTURE

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

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

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

You will have the opportunity to:
- design your own degree by combining studies from a range of disciplines
- build on your expertise with advanced coursework and project work
- complete a second major.

This new combined degree focuses on disciplinary depth and cross-disciplinary problem-solving for real-world industry, community and research challenges. It will give you access to advanced modules, entrepreneurship and leadership skills, broaden your opportunities and prepare you for future success.
### Bachelor’s degree | Degree | Combined Bachelor of Advanced Studies
---|---|---
3 years | Duration | 4 years

#### Components

- **Major**
- **Double major**
- **Minor** (or second major)
- **Open Learning Environment**
- **Electives**
- **Exchange (available)**
- **Advanced coursework**
- **Substantial project**
- **Honours (available)**

For studies in Arts, Commerce, Design Computing, Economics, Science and Visual Arts

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**Overall structure of a combined three-year degree and Bachelor of Advanced Studies**

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Join us
Dalyell Scholars Program
By Invitation

For students with exceptional academic ability who want to be challenged.

Exclusive to high-achieving students with an ATAR (or equivalent) of 98+, the Dalyell Scholars program is an opportunity to challenge yourself alongside your most promising and talented peers.

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

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

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

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

sydney.edu.au/dalyell-scholars

Who was Elsie Jean Dalyell?

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

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

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

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

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

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

**Science, agriculture, environment and veterinary science**
- B Science
- B Science (Health)
- B Science (Medical Science)
- B Science/B Advanced Studies (Dalyell Scholars including Mathematical Sciences)†
- B Science/B Advanced Studies (Advanced)
- B Science/B Advanced Studies (Agriculture)
- B Science/B Advanced Studies (Animal and Veterinary Bioscience)
- B Science/B Advanced Studies (Food and Agribusiness)
- B Science/B Advanced Studies (Health)
- B Science/B Advanced Studies (Medical Science)
- B Science/M Nutrition and Dietetics

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

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

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

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* † Entry to these courses is by application

Note: courses may change

'B' for 'Bachelor of'
'M' for 'Master of'
'D' for 'Doctor of'
NEXT STEPS: WHERE DO I START?

To get into some of our courses, you’ll need to choose certain elective subjects in Years 11 and 12. That’s why it is important for you to start preparing in advance.

Year 10

Check out some popular career options and areas of study in this guide and consider whether you can see yourself doing any of these jobs. The subjects you like and do well in at school are usually a good way to determine the career path that may suit you.

Make a short list of the university courses in which you are interested.

Find out the entry requirements and which HSC subjects are recommended for those courses so you know what to take in Years 11 and 12 (see pages 22 to 31).

Get into some good study habits to prepare you to achieve strong Year 12 results.

Keep up your extracurricular activities such as sport, performance or community involvement. These activities allow us to get a better sense of the ‘whole you’, which is very important if you are applying for one of our many scholarships or alternative entry schemes.

– sydney.edu.au/alternative-pathways

Key dates for Year 10 students
30 March, 3 May and 23 May 2017
Year 10 information evenings on campus

26 August 2017
Open Day
Year 11
Keep an eye on the ATARs for your preferred course(s). By checking the 2017 and 2018 ATARs, you’ll have a better idea what score you’ll need for a place when you start university.

Come and visit our campus – either on your own or with a tour organised by your school. sydney.edu.au/campus-tours

Attend a careers market or expo such as:
- HSC and Careers Expo, 1-4 June 2017 at Moore Park
- Western Sydney Careers Expo, 22-25 June 2017 at Sydney Showground Olympic Park

For more information, visit:
- sydney.edu.au/events-for-future-students

Year 12
It’s time to get serious about university. Pick up a copy of our undergraduate guide, and the Universities Admissions Centre (UAC) guide, and visit our website.
- sydney.edu.au/study

May/June
Check out alternative pathways into university in case you don’t reach the required ATAR for your preferred course (see page 60).

August
Join us for Open Day on Saturday 26 August 2017.

September
- Apply for your preferred course(s) through UAC.
- Apply for accommodation.
- Apply for scholarships.

October/November
- Sit your Year 12 exams.
- For information about our upcoming Info Day, refer to our website.

December/January
- Receive your high school results (ATAR or equivalent).
- Finalise your UAC preferences.
- Wait to receive an offer of a place.
- Follow the steps to accept and then enrol.

Welcome to your first year at university!
Enjoy the number one student experience and campus life in Australia
Expand your experience with our 200 student-run clubs and societies, 50m swimming pool, 24-hour libraries, 12 cafes, live performance spaces, museums and art galleries, rock-climbing wall and heritage-listed graffiti tunnel.

@sydney_uni  #sydneyuni  #usyd
SHOULD I STUDY MATHS IN YEARS 11 AND 12?

The University of Sydney is leading the charge to address the nation’s critical shortage of graduates in science, technology, engineering and mathematics (STEM). We’re doing this by introducing mathematics prerequisites for several of our courses from 2019.

You will need to have achieved at least a Band 4 in the NSW Higher School Certificate (HSC) Mathematics (not General Mathematics) or equivalent.

Courses that will have a mathematics prerequisite for entry include:
- Economics
- Commerce
- Engineering and IT
- Psychology
- Pharmacy
- Veterinary science
- Science

See pages 22 to 31 for details, and visit:
- sydney.edu.au/study/maths

“Mathematics is an exciting area with great opportunities for careers and research. Many graduates are immediately employed by companies that are looking for staff trained in analytical thinking. In general, mathematics and statistics graduates are in heavy demand in Australia and internationally, with very competitive starting salaries.”

Professor Nalini Joshi
Georgina Sweet Australian Laureate Fellow
Chair of Applied Mathematics
“Mathematics is the music with which the symphony of the universe is written. I mean, it is everywhere! Maths underpins all the STEM areas, as well as lots of other areas such as business and music, and anywhere you need to apply logic and solve problems.”

**Adam Spencer**  
First-class honours graduate  
Maths and Science Ambassador at the University of Sydney

“As the world moves towards an era of digital disruption, learning STEM subjects puts you at the forefront of new innovative technologies that are going to change the way we approach our lives. Studying engineering has taught me the skills to build devices that improve and streamline the processes we rely on from day to day.”

**Ashleigh Thornton**  
President of Sydney University Women in Engineering

“Maths is everywhere! It’s a language we can use to describe the world around us, and we wouldn’t have modern society without it. Mathematical modelling is crucial to understanding weather, climate, economics, computer systems, forestry, robotics, and so much more. Even if you don’t want to major in maths, a strong mathematical background is a huge advantage when studying science or engineering.”

**Maggie Corrigan**  
PhD candidate in chemistry  
2017 Maths Society Vice-President
WHAT WILL YOU START HERE?

Our students continue from university on unique paths. Below are just a few examples.

**Allison Grech**
Clinical paediatric dietician,
Bachelor of Health Sciences,
Master of Nutrition and Dietetics

HSC subjects: English Extension 2, Mathematics, PDHPE, Biology, Society and Culture

“My goal is to help create healthier future generations. I always wanted to work with children and babies in a healthcare setting and considered studying medicine before I decided on paediatric nutrition. I completed lots of volunteer and paid work and requested to shadow some health professionals doing their work for a day. It’s really important to get an idea of what a job is like day to day, as it’s often quite different to how it sounds on paper.”

**Dan Wilson**
CEO/Co-Founder of OCI Technologies,
Bachelor of Engineering,
PhD in Engineering,
Engineering Australia Award recipient

IB subjects: Mathematics, Physics, Chemistry, World Literature, Spanish, Psychology

“Focus on doing what excites you and what you’re passionate about.

“In Year 10 I knew I wanted to be an engineer but I didn’t know which discipline. My decision to apply to Sydney Uni was motivated by the availability of a space engineering degree and the prestige of the University.

“I’m now based in San Francisco working as a consultant on autonomous aircraft.”

**Angus Murray**
Professional actor,
Bachelor of Arts, Juris Doctor (Law)

HSC subjects: English, 3 Unit Mathematics, French, Latin, Biology

“My goal is to help create healthier future generations. I always wanted to work with children and babies in a healthcare setting and considered studying medicine before I decided on paediatric nutrition. I completed lots of volunteer and paid work and requested to shadow some health professionals doing their work for a day. It’s really important to get an idea of what a job is like day to day, as it’s often quite different to how it sounds on paper.”

“Take note of what you are drawn to reading, or what things excite you, or give you an intellectual buzz. These are clues to finding a career that will make you happy.

“After completing my degrees in Arts and Law, I became an actor. A little unexpected!”

“Don’t panic if you don’t know what you want to do for a job yet. Whatever you happen to be passionate about, you will find teachers and students at Sydney Uni who will share, challenge and develop your passion.”
Natalie Nguyen
CEO/Co-Founder of Hyper Anna,
Bachelor of Design Computing
HSC subjects: Design & Technology,
Computing Applications, Mathematics,
Visual Arts

“I didn’t have a clear idea of what I wanted to do in Year 10, but I have always loved coding.

“I chose Sydney Uni because it was the only university that offered a course like design computing. I thought combining computer science and design would give me a unique skillset. After graduating I co-founded a tech startup called Hyper Anna, which is basically Siri for analytics.”

Will Davies
CEO/Co-Founder of car-sharing business Car Next Door,
Bachelor of Commerce (Economics and Finance)
HSC subjects: English, Mathematics, Physics, Biology, Geography

“Keep asking yourself what you really love, ask yourself what are you here on earth to do? Then, work out how to earn a living doing that thing you love – no matter what.

“My first business was a good business, but I didn’t love it. I sat down for a day and kept asking myself what I loved. That’s the reason I started Car Next Door. It brought to the front of my mind that I love the environment and want to play a big part in helping it.”

Nick Phipps
Qantas Wallabies and NSW Waratahs (Super Rugby) player,
Elite Athlete Program member,
Master of International Business
HSC subjects: Mathematics, English,
PDHPE, Design & Technology,
Business Studies

“Why choose between two dreams when you can have both?

“At Sydney Uni I had the opportunity to pursue my dreams of playing the highest level of rugby while also pursuing my academic interests. The University and Sydney Uni Sport & Fitness made it possible for me to do both. Without them I would have to choose one or the other.”
Don’t worry if you don’t know which career you want to pursue after school. Many people come to university as a way of finding out.

The best advice we can give you is to follow your passion – do what you enjoy, and what inspires you. Our courses are flexible, so you can explore different options before deciding which path to follow. You can also change your mind later on.

To help you get on the right track, we’ve put together a list of popular careers that you may be interested in, and the subjects that you should consider taking in Years 11 and 12 (course prerequisites and assumed knowledge).

For specific course information and entry requirements, see sydney.edu.au/courses
Architecture and interaction design

Architects shape the spaces in which we live, work and play. From small-scale domestic projects to master planning entire cities, the breadth of work for design professionals in the built environment is enormous and growing.

If you are interested in design and technologies, the Bachelor of Design Computing is for you. This undergraduate program is the only one in Australia that provides specialised training for a career in the emerging fields of interaction design and creative technologies.

Career pathways
- Architect
- Building designer
- Creative technologist
- Digital media consultant
- Front end/web developer
- Heritage consultant
- Interaction designer
- Project manager
- Property developer
- Sustainability expert
- Urban planner
- User-experience (UX) designer.

“Looking at all the architecture degrees available in Australia, the University of Sydney offered the most balanced foundation in architecture. Its teaching of traditional techniques allowed me to immediately express my ideas. Later, the introduction of digital tools and methods allowed me to accelerate the precision of my work and to keep pace with the global architectural scene.

“Since graduating I have worked as a digital engineer for Jun Sato Structural Engineers in Japan on the 2016/18 Venice Biennale Pavilion. I joined Sou Fujimoto Architects in Tokyo as an architect and was transferred to France nine months later to help open their Paris office.”

Ben Berwick
Graduate Architect, Sou Fujimoto Architects
Bachelor of Design in Architecture 2012

“Since graduating in 2014 with the University Medal, I've worked as an Experience Designer at Massive Interactive - including on the Emirates in-flight entertainment system and the interface for Foxtel's set-top box. I've also been involved with start-ups, co-founded Edisse as the primary designer, and designed a mobile chat interface for OpenLearning.”

Emila Yang
Experience Designer, Massive Interactive
Bachelor of Design Computing (Honours) 2013,
University Medal recipient
Arts and social sciences

Welcome to the start of your journey in the arts and social sciences, where our passion is ideas. Your opportunities will extend beyond the classroom, and include gaining experience and preparing for the workplace through internships and our ArtSS Career-Ready program, or learning a language and exploring other cultures with overseas study.

Our students go on to do amazing things with their degrees, becoming writers, journalists, entrepreneurs, economists, artists, human rights activists, diplomats, and more.

Course prerequisite
From 2019, you will need to achieve Band 4 in the NSW Higher School Certificate (HSC) Mathematics (not General Mathematics) or equivalent result in interstate or IB subjects, to enrol in the Bachelor of Engineering Honours/Bachelor of Arts, or the Bachelor of Economics and associated variations.*

For courses at Sydney College of the Arts, in addition to meeting the academic entry requirements, you need to submit a portfolio of your artwork.

Assumed knowledge
Complete beginners may take all majors, however, some units of study assume a level of knowledge of the subject area, eg, mathematics is assumed knowledge for the major in Economics, and having prior language experience might mean starting language studies at a more advanced level.*

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

* See sydney.edu.au/courses for the specific prerequisites and assumed knowledge for your preferred course.

“I learned from renowned academics, collaborated with inspiring classmates on human rights projects, developed invaluable leadership skills through the vibrant clubs and societies, and forged a global career through overseas internship and exchange.”

Amelia Tracey
Artist and 2015 Artereal Gallery Mentorship recipient
Bachelor of Visual Arts (Honours) 2014

Philip Chan
UN Youth Advisor and 2017 Westpac Future Scholar
Bachelor of Arts (Media and Communications)/Bachelor of Laws 2015
**Business**

Study at the University of Sydney Business School focuses on real-world issues, opening the door to a wide range of career opportunities across the world. You will gain a solid grounding in areas such as accounting, economics and business statistics, be able to specialise in your chosen major, discover how businesses operate, and graduate industry-ready.

**Course prerequisite**
From 2019, you will need to achieve Band 4 in the NSW Higher School Certificate (HSC) Mathematics (not General Mathematics) or equivalent result in interstate or IB subjects, to enrol in the Bachelor of Commerce.

**Assumed knowledge**
Other assumed knowledge depends on first-year subjects selected. For example, accounting or science subjects will require an understanding of mathematics.*

* See sydney.edu.au/courses for the specific prerequisites and assumed knowledge for your preferred course.

“The University of Sydney gave me the skills and confidence to contribute in the competitive technology and start-up industries in Australia and overseas. My experience led me to Silicon Valley, and I’m proud to be backed by a degree that’s globally respected.”

**Gideon Silverman**
Product Manager, Google
Bachelor of Commerce/Bachelor of Laws 2009

**Career pathways**
- Accountant
- Business analyst
- Entrepreneur
- Financial dealer and broker
- Human resources specialist
- International business consultant
- Investment banker
- Management consultant
- Marketing executive
- Project manager
- Stock trader.

“The Business School values real-world experience and encourages students to take hold of every opportunity. During my studies, I competed in business competitions, received support from the Business School’s careers services, and was fortunate to land a position before completing my degree.”

**Simone Longworth**
Events, Marketing and Office Coordinator, GSA Insurance Brokers
Bachelor of Commerce (Liberal Studies) 2015

**Areas of interest**
**Education and social work**

Our education degrees are internationally recognised and prepare you for careers in early childhood, primary and secondary education. Careers for social work graduates include health services, aged care, women’s services, disability services, child and family services, international development, migration and refugee services.

**Course prerequisite**
The Bachelor of Education (Health and Physical Education), the Bachelor of Education (Primary) and the Bachelor of Music (Music Education) degrees require a Band 5 in three NSW Higher School Certificate (HSC) subjects or equivalent result in interstate or IB subjects, one of which needs to be English (not English as a Second Language or English Studies).

From 2019, you will need to achieve Band 4 in the NSW Higher School Certificate (HSC) Mathematics (not Mathematics General) or equivalent result in interstate or IB subjects, to enrol in the Bachelor of Education (Secondary: Mathematics)/Bachelor of Science and Bachelor of Education (Secondary: Science)/Bachelor of Science.*

**Assumed knowledge**
Assumed knowledge for our courses depends on the subjects you choose to study in your degree. As a guide, if you want to become a mathematics or science teacher, we recommend studying HSC Mathematics Extension 1.*

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

“Child protection casework is a tough gig. As inspiring and rewarding as it is, it can also be daunting, draining and confronting. The practical skills that I learned as part of my degree helped me to engage my clients and physically do the work.”

**Jessica Davidson**
Project Officer at NSW Department of Family and Community Services
Bachelor of Social Work (Honours) 2014

“As a student, I loved being part of a community that dedicated itself as a matter of principle to considering the big issues that face our society and culture, and thinking hard about what we needed to do to address them. Since then, I’ve always sought to be the kind of teacher who cares about students first and subjects second.”

**Eddie Woo**
Head Teacher in Mathematics, Cherrybrook High School
Bachelor of Education (Secondary: Mathematics) (Honours) 2008

* See sydney.edu.au/courses for the specific prerequisites and assumed knowledge for your preferred course.
Engineers, project managers and information technology professionals develop innovative, creative and sustainable solutions to the most important challenges facing society. They work closely with outstanding academics, leading researchers and industry partners who are changing the world.

From helping airlines to fly greener and farmers to work more efficiently to creating technology for tomorrow’s smart cities, your opportunities are endless.

**Course prerequisite**

Students need to achieve Band 4 in the NSW Higher School Certificate (HSC) Mathematics (not General Mathematics) or equivalent result in interstate or IB subjects, to enrol in our courses.*

**Assumed knowledge**

HSC Mathematics Extension 1 and Physics and/or Chemistry are assumed knowledge for many of our bachelor’s degree courses. Combined degrees may require or recommend additional knowledge.*

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**Career pathways**

- Aircraft/aerospace engineer
- Biomedical engineer: implantable and external medical device manufacturing
- Civil engineer:
  - innovative building design
  - humanitarian projects in disaster recovery
- Chemical engineer:
  - agribusiness and food production
  - cosmetic or pharmaceutical production
- Electrical engineer:
  - mobile communications systems
  - renewable energy generation
- Mechanical engineer eg, vehicle and engine design
- Mechatronic engineer eg, robotics and automation
- Computer programmer
- Computer systems analyst, retail data systems.

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* See sydney.edu.au/courses for the specific prerequisites and assumed knowledge for your preferred course.

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“I led a team of students from the faculty who mentored high school students competing in the international Zero Robotics competition. These mentors had the amazing experience of helping their students to program robots that live on the International Space Station.”

**Ben Morrell**
Aerospace PhD candidate
Bachelor of Engineering (Honours) (Aeronautical) 2013, University Medal recipient

“Engineering presents global opportunities for young men and women; the career paths are boundless. If you want case studies on the most inspiring young people in engineering, my friends are it. They’re working in France, London, Perth, Townsville, Kempsey Bypass, Sydney and New York.”

**Jillian Kilby**
CEO, J L Kilby Engineering and Management Pty Ltd, Bachelor of Engineering (Honours) (Civil) 2005
Health, medicine and dentistry

Health is one of the fastest-growing sectors in Australia and around the world, with a broad range of flexible and dynamic career options.

With the largest range of health courses of any Australian university on offer, your capacity to have a positive impact on people’s health is only limited by your aspirations.

Course prerequisite
From 2019, you will need to achieve Band 4 in the NSW Higher School Certificate (HSC) Mathematics HSC Mathematics (not General Mathematics) or equivalent for entry into undergraduate degrees in Pharmacy, Pharmacy and Management, Science (Health), Exercise and Sports Science*, Bachelor of Arts/Doctor of Medicine, Bachelor of Science/Doctor of Medicine, Bachelor of Science/Master of Nursing, and Bachelor of Science/Doctor of Dental Medicine.**

Assumed knowledge
Depending on your chosen degree, assumed knowledge can include: Mathematics, Biology, Chemistry and Physics.**

“Without my undergraduate degree in physiotherapy, I would never have had the opportunity to work in sport. I’ve been to the FIFA World Cup as head of physiotherapy with the Socceroos, attended the Carling Cup and the FA Cup as head of physiotherapy for Liverpool Football Club (in the UK), and was part of the team that saw the Newcastle Knights get through to the National Rugby League grand-final qualifier.”

Phil Coles
Director of Medical Services, San Antonio Spurs (basketball)
Bachelor of Applied Science (Physiotherapy), 1998

“Working in northern NSW is extremely rewarding. I provide treatment to people of all ages, ranging from young children to community elders. In addition to treating disease, building meaningful relationships and gaining the trust of my patients is key.”

Dr Stephanie Chow
Dentist
Doctor of Dental Medicine 2013
A law degree from the University of Sydney prepares you not just for a career in law, but also other areas such as government, banking, foreign affairs and the media. Our graduates can be found in legal and non-legal roles around the world, and include prime ministers, a president of the World Bank and High Court judges.

Course prerequisite
From 2019, students need to achieve Band 4 in the NSW Higher School Certificate (HSC) Mathematics (not General Mathematics) or equivalent result in interstate or IB subjects, to enrol in the Bachelor of Economics, Bachelor of Commerce, Bachelor of Science and Bachelor of Engineering (Honours) and associated variations such as the Bachelor of Economics and Bachelor of Laws. **

**See sydney.edu.au/courses for the specific prerequisites and assumed knowledge for your preferred course.

Careers pathways
Legal
- Solicitor
- Barrister
- Magistrate
- Judge.

Non-legal
- Diplomacy
- Foreign affairs
- Human rights
- International relations
- Investment banking
- Journalism
- Management consultancy
- Mergers and acquisitions
- Project management
- Public policy.

“One of the best opportunities I had at Sydney Law School was travelling to Washington D.C. for an international mooting competition. The intensity and high standard of the competition presented a fantastic opportunity to improve key legal skills including writing, speaking and reasoning.”

**Hannah Ryan**
Master of Laws candidate at Harvard University
Bachelor of Arts (Honours) 2012
Bachelor of Laws (Honours) 2014

—

James Nguyen
Associate, Allen’s
Bachelor of Commerce/Bachelor of Laws 2013

“There’s no doubt that my Sydney Law School education has been the foundation of my career to date. Private practice is such an exciting and fast-paced environment and nothing prepares you better for that than learning from some of the best legal minds.”

Areas of interest
Music

Our music degrees focus on preparing students from all musical backgrounds for a professional career. Studying at the Sydney Conservatorium of Music gives you more than a degree. You will learn to excel at your chosen instrument or musical passion, and form lifelong creative friendships.

Assumed knowledge
HSC Music 1 or 2 (depending on degree) or equivalent musicianship training.*

* See sydney.edu.au/courses for the specific prerequisites and assumed knowledge for your preferred course.

Career pathways
- Accompanist
- Arts administrator
- Chamber/orchestral musician
- Composer
- Concert soloist
- Conductor
- Contemporary or jazz musician
- Music journalist
- Music producer
- NSW accredited classroom music teacher
- Singer/songwriter.

“I had a lot of fun during my time at the Con! It’s such a vibrant and exciting environment. I found it so inspiring to hear older students play on a weekly basis in performance seminars and my teacher’s performance class. I was very lucky to be selected as an Australian Chamber Orchestra Emerging Artist in 2016. I am also playing a lot with the Hillel String Quartet, which I started during my study.”

Ben Adler
ACO Collective, star violinist
Bachelor of Music, 2015

“The sheer amount of music and similarly inclined people you are surrounded by at the Conservatorium is enough of an education in itself – let alone your classes!”

Keegan Joyce
Professional actor / musician
Bachelor of Music Studies, 2014

Keegan has worked on stage, in film and television, and most recently has enjoyed success in four award-winning series of Rake for the ABC and Please Like Me for ABC2 and Pivot TV.
Science, agriculture, environment and veterinary science

Studying science is your first step towards a stimulating, fascinating and rewarding career. Your learning expands from microscopic to cosmic scales, encompasses biological, physical and chemical processes, and can lead you to preventing diseases in humans, animals and plants.

Course prerequisite
From 2019, you will need to achieve Band 4 in the NSW Higher School Certificate (HSC) Mathematics (not General Mathematics) or equivalent result in interstate or IB subjects, to enrol in most of our courses.*

Assumed knowledge
Depending on your chosen degree, assumed knowledge can include mathematics, physics, chemistry, biology, earth and environmental science, geography, and/or agriculture.*

Career pathways
- Agricultural scientist
- Astronomer
- Biosecurity researcher
- Environmental policymaker
- Food chemistry analyst
- Mathematician
- Medical scientist
- Nanoscientist
- Nutritionist
- Psychologist
- Plant geneticist
- Veterinarian.

“I think once you have a solid grounding in science, it’s much easier to understand and develop the practical aspects in the workplace, and that’s what I gained in my degree. Because of the University’s great relationships within the food and agricultural industry, I had the opportunity to meet people across a diverse range of workplaces.”

Ben Smider
Grower at Costa Group
Bachelor of Horticultural Science 2012

“The Bachelor of Science teaches you a way of thinking and mathematics is really about logic – it’s amazing how valuable that becomes in your career. Particularly when you’re working in industries that haven’t been around for a long time and are not well understood, the ability to think critically, figure out what’s important and analyse things is absolutely vital.”

Nick Leeder
General Director, Google France
Bachelor of Science with Honours in Pure Mathematics 1992

* See sydney.edu.au/courses for the specific prerequisites and assumed knowledge for your preferred course.
At the Charles Perkins Centre we are dedicated to easing the global burden of obesity, diabetes, cardiovascular disease and related conditions.
COURSES A-Z
Below you can find out the Australian Tertiary Admission Rank (ATAR) or International Baccalaureate (IB) scores for 2017. These entry scores are a guide and can change from year to year, but this gives you an indication of what you need to gain entry in 2018. You can also find out the indicative entry requirements for our new combined Bachelor of Advanced Studies degrees.

<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><strong>Architecture and Interaction Design</strong></td>
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<tr>
<td>B Architecture and Environments</td>
<td>85/31</td>
<td>3</td>
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</tr>
<tr>
<td>B Design Computing</td>
<td>80/28</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td>B Design Computing/B Advanced Studies</td>
<td>80/28</td>
<td>4</td>
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</tr>
<tr>
<td>B Design in Architecture</td>
<td>95/37</td>
<td>3</td>
<td>42</td>
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<tr>
<td>B Design in Architecture (Honours)/M Architecture</td>
<td>97/39</td>
<td>5</td>
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<tr>
<td><strong>Arts and Social Sciences</strong></td>
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<tr>
<td>B Arts</td>
<td>80/28</td>
<td>3</td>
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<tr>
<td>B Arts/B Advanced Studies</td>
<td>80/28</td>
<td>4</td>
<td>39</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (Dalyell Scholars including Languages)**</td>
<td>98/40</td>
<td>4</td>
<td>39</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (International and Global Studies)</td>
<td>92/34</td>
<td>4</td>
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<tr>
<td>B Arts/B Advanced Studies (Media and Communications)</td>
<td>95/37</td>
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<tr>
<td>B Arts/B Advanced Studies (Politics and International Relations)</td>
<td>95/37</td>
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<td>B Arts (Sciences Po Dual Degree)**</td>
<td>A+C</td>
<td>2+2</td>
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<tr>
<td>B Economics</td>
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<tr>
<td>B Economics (Sciences Po Dual Degree)**</td>
<td>A+C</td>
<td>2+2</td>
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<tr>
<td>B Visual Arts</td>
<td>A+C</td>
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<td>B Visual Arts/B Advanced Studies</td>
<td>A+C</td>
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<td>Diploma of Arts</td>
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<tr>
<td>Diploma of Language Studies</td>
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<td>Diploma of Social Sciences</td>
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<td><strong>Business</strong></td>
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<td>B Commerce/B Advanced Studies</td>
<td>95/37</td>
<td>4</td>
<td>41</td>
</tr>
<tr>
<td>B Commerce/B Advanced Studies (Dalyell Scholars)**</td>
<td>98/40</td>
<td>4</td>
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<table>
<thead>
<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><strong>Education and Social Work</strong></td>
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<tr>
<td>B Education (Early Childhood)</td>
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<tr>
<td>B Education (Health and Physical Education)**</td>
<td>80/28</td>
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<tr>
<td>B Education (Primary)**</td>
<td>85/31</td>
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<tr>
<td>B Education (Secondary: Humanities and Social Sciences)/B Arts</td>
<td>80/28</td>
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<tr>
<td>B Education (Secondary: Mathematics)/B Science</td>
<td>80/28</td>
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<tr>
<td>B Education (Secondary: Science)/B Science</td>
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<tr>
<td>B Social Work</td>
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<tr>
<td>B Arts/B Social Work</td>
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<tr>
<td><strong>Engineering and IT</strong></td>
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<tr>
<td>B Advanced Computing/B Commerce</td>
<td>95/36</td>
<td>5</td>
<td>36</td>
</tr>
<tr>
<td>B Advanced Computing/B Science</td>
<td>90/33</td>
<td>5</td>
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<tr>
<td>B Engineering Honours (Dalyell Scholars)**</td>
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<tr>
<td>B Engineering Honours (Aeronautical)</td>
<td>90/33</td>
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<td>B Engineering Honours (Biomedical)</td>
<td>90/33</td>
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<td>B Engineering Honours (Chemical and Biomolecular)</td>
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<tr>
<td>B Engineering Honours (Civil)</td>
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<tr>
<td>B Engineering Honours (Electrical)</td>
<td>90/33</td>
<td>4</td>
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<tr>
<td>B Engineering Honours (Flexible First Year)</td>
<td>90/33</td>
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<tr>
<td>B Engineering Honours (Mechanical)</td>
<td>90/33</td>
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<tr>
<td>B Engineering Honours (Mechatronic)</td>
<td>90/33</td>
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<tr>
<td>B Engineering Honours (Software)</td>
<td>90/33</td>
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<tr>
<td>B Engineering Honours with Space Engineering</td>
<td>99/42</td>
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<td>B Engineering Honours/B Arts</td>
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<tr>
<td>B Engineering Honours/B Commerce</td>
<td>95/36</td>
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<tr>
<td>B Engineering Honours (Civil)/B Design in Architecture</td>
<td>95/37</td>
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*B* for ‘Bachelor of’, *M* for ‘Master of’ and *D* for ‘Doctor of’
<table>
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<th>Duration in years</th>
<th>See page</th>
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<tr>
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<td>B Engineering Honours/B Science</td>
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<tr>
<td>B Project Management</td>
<td>85/31</td>
<td>3</td>
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<tr>
<td><strong>Health, Medicine and Dentistry</strong></td>
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<tr>
<td>B Applied Science (Diagnostic Radiography)</td>
<td>95/37</td>
<td>4</td>
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<tr>
<td>B Applied Science (Exercise and Sport Science)</td>
<td>90/33</td>
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<tr>
<td>B Applied Science (Exercise Physiology)</td>
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<tr>
<td>B Applied Science (Occupational Therapy)</td>
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<td>B Applied Science (Physiotherapy)</td>
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<td>B Applied Science (Speech Pathology)</td>
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<td>A+C</td>
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<td>B Oral Health</td>
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<td>B Pharmacy</td>
<td>90/33</td>
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<td>A+C</td>
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<td>(99.95/43)</td>
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<td>B Science/M Nursing</td>
<td>80/28</td>
<td>4</td>
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<tr>
<td>B Science (Health)/M Nursing</td>
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<tr>
<td><strong>Law</strong></td>
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<td>B Economics/B Laws</td>
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<td>B Engineering Honours/B Laws</td>
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<td>B Science/B Laws</td>
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<td><strong>Music</strong></td>
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<tr>
<td>B Music</td>
<td>A+C</td>
<td>4</td>
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<tr>
<td>B Music (Composition)</td>
<td>A+C</td>
<td>4</td>
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<tr>
<td>B Music (Music Education)^</td>
<td>A+C</td>
<td>4</td>
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<tr>
<td>B Music (Performance)</td>
<td>A+C</td>
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<tr>
<td><strong>Science, Agriculture, Environment and Veterinary Science</strong></td>
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<tr>
<td>B Liberal Arts and Science</td>
<td>70/25</td>
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<td>B Science</td>
<td>80/28</td>
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<td>B Science (Health)</td>
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<tr>
<td>B Science/B Advanced Studies (Advanced)</td>
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<td>B Science/B Advanced Studies (Agriculture)</td>
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<tr>
<td>B Science/B Advanced Studies (Animal and Veterinary Bioscience)</td>
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<td>B Science/B Advanced Studies (Food and Agribusiness)</td>
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<td>B Science/M Nutrition and Dietetics</td>
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<td>B Veterinary Biology/D Veterinary Medicine</td>
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### COURSES A-Z

<table>
<thead>
<tr>
<th>Course description</th>
<th>Majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
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</thead>
<tbody>
<tr>
<td><strong>B Advanced Computing</strong></td>
<td>The Bachelor of Advanced Computing is designed with your computing career in mind. It develops practical and theoretical skills across the computing, information technology and business transformation industries. With Australia’s most innovative IT course, you can combine your passion for computing with one of more than 100 cross-disciplinary majors as you cultivate specialist industry knowledge and computing expertise.</td>
<td>Assumed knowledge Mathematics or HSC Mathematics Extension 1 Prerequisite Band 4 in Mathematics (not Mathematics General)</td>
<td>Computer programmer, computer system administrator, consultancy, information services management systems analyst, software engineer, web development and management</td>
</tr>
<tr>
<td><strong>B Advanced Computing/ B Commerce</strong></td>
<td>Designing the digital world is big business. The combined Bachelor of Advanced Computing and Bachelor of Commerce program will develop your knowledge and skills in computing and IT while cultivating business expertise. It combines practical learning with industry opportunities to launch your career as a leader of innovation and business transformation.</td>
<td>Refer to B Advanced Computing and B Commerce.</td>
<td>Accountant, business systems analyst, computer programmer, computer system administrator, economist, financial specialist, information services management, management consultant, project manager, software engineer, web development and management</td>
</tr>
<tr>
<td><strong>B Advanced Computing/ B Science</strong></td>
<td>Redefine the digital and physical landscapes. The combined Bachelor of Advanced Computing and Bachelor of Science program will develop your technical skills in computing and IT while cultivating your knowledge of scientific enquiry. Underpinned by critical analytical and leadership skills, you will be positioned to transform our world for the better.</td>
<td>Refer to B Advanced Computing and B Science.</td>
<td>Computer programmer, consultancy, geophysicist, information services management, mathematician, microbiologist, psychologist, science historian, software engineer, systems analyst, web development and management</td>
</tr>
<tr>
<td><strong>B Advanced Computing/ B Science (Health)</strong></td>
<td>Transform the health industry and beyond. The combined Bachelor of Advanced Computing and Bachelor of Science (Health) program will develop your technical skills in computing and IT while you also explore the latest developments in health and healthcare systems. Combine research and interdisciplinary study to lead the next wave of healthcare innovation.</td>
<td>Refer to B Advanced Computing and B Science (Health).</td>
<td>Computer programmer, consultancy, corporate health, disability and ageing management and research, global health research and policy analyst, hospital management, information services management, mental health and safety, software engineer, web development and management</td>
</tr>
<tr>
<td>Course description</td>
<td>Majors and minors</td>
<td>Assumed knowledge/Prerequisite</td>
<td>Career possibilities</td>
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<tr>
<td>Revolutionise the medical world. The combined Bachelor of Advanced Computing and Bachelor of Science (Medical Science) program will develop your knowledge and skills in computing and IT. You will also gain foundational knowledge and research skills in medical science, biomedicine and bioinformatics.</td>
<td>Refer to B Advanced Computing and B Science (Medical Science)</td>
<td>Assumed knowledge Mathematics or HSC Mathematics Extension 1, Chemistry and either Physics or Biology Prerequisite Band 4 in Mathematics (not Mathematics General)</td>
<td>Computer programmer, consultancy, doctor (after further study in medicine), geneticist, infectious diseases researcher, information services management, microbiologist, pathologist, software engineer, systems analyst, web development and management</td>
</tr>
<tr>
<td>Learn the skills to create meaningful medical images. In the Bachelor of Applied Science (Diagnostic Radiography) you will learn to use equipment ranging from small mobile X-ray machines to larger units, from MRI and CT scanners to sophisticated cardiac units, enabling timely and accurate patient diagnoses.</td>
<td>This degree covers studies in anatomy, biological sciences, equipment and imaging techniques, image processing, pathology, physics, psychology and radiation biology.</td>
<td>Recommended studies Mathematics plus one of Physics, Biology or Chemistry</td>
<td>Diagnostic radiographer</td>
</tr>
<tr>
<td>The Bachelor of Applied Science (Exercise and Sport Science) develops the skills to integrate exercise and physical activity with disease prevention and the promotion of good health, rehabilitation, nutrition and sports performance. Graduates are eligible to apply for membership with Exercise and Sport Science Australia and professional registration as an exercise scientist.</td>
<td>This degree cover studies in anatomy, biochemistry, biomechanics, learning and control of human movement, nutrition, physiology/exercise physiology, and the application of these fundamental sciences to sport, exercise, ageing, public health, rehabilitation and research.</td>
<td></td>
<td>Exercise scientist, coach, personal trainer, strength and conditioning specialist</td>
</tr>
<tr>
<td>The Bachelor of Applied Science (Exercise Physiology) provides you with the knowledge, competencies and clinical experience required to deliver exercise and behaviour change strategies for the prevention and management of chronic disease. Graduates are eligible for both exercise science and exercise physiology accreditation through Exercise and Sports Science Australia.</td>
<td>This degree covers studies in biomechanics, clinical exercise practice, ergonomics, exercise physiology, functional anatomy, motor control and behaviour.</td>
<td>Assumed knowledge Chemistry and Mathematics</td>
<td>Health and physical education (PDHPE) specialist</td>
</tr>
<tr>
<td>The Bachelor of Applied Science (Occupational Therapy) will enable you to help people with disabilities, and those recovering from injury or with ongoing conditions to overcome barriers that may be preventing them from participating more fully in life. It teaches you alternative techniques that help them to achieve a given task and facilitate skill improvement.</td>
<td>This degree covers studies in human anatomy, neuroscience, occupational therapy theory and practice, psychology, social sciences.</td>
<td></td>
<td>Occupational therapist</td>
</tr>
</tbody>
</table>
Course description

B Applied Science (Physiotherapy)

The Bachelor of Applied Science (Physiotherapy) will teach you how to assess, diagnose and treat people with movement problems caused by a wide variety of joint, muscle and nerve disorders. You will also learn how to help people avoid injuries and maintain a fit and healthy body.

Assumed knowledge/Prerequisite

Chemistry and Physics

Career possibilities

Physiotherapist

B Applied Science (Speech Pathology)

Accredited by Speech Pathology Australia, the Bachelor of Applied Science (Speech Pathology) prepares you for professional practice as a speech pathologist. You will be involved in the study and treatment of communication and speech disorders in children and adults, including problems with speaking, comprehension, reading, writing, voice problems and stuttering.

Assumed knowledge/Prerequisite

Recommended studies

English (Advanced)

Career possibilities

Speech therapist

B Architecture and Environments

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

Core areas of study

Architecture, property and real estate, construction, project management, urban design, urban planning

Career possibilities

B Arts

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

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

Assumed knowledge/Prerequisite

Recommended studies

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

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

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

A second major or a minor may also be taken from these options or from the shared pool.
B Arts (Dual Degree, Sciences Po, France)**

- **ATAR**: A-C
- **UAC**: n/a
- **Time**: 2+2 years full time

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

**Course description**

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

**Majors and minors**

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

**Assumed knowledge/Prerequisite**

- Assumed knowledge: Refer to B Arts

**Career possibilities**

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

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B Arts/ B Advanced Studies

- **ATAR**: 80
- **IB**: 28
- **UAC**: 513205
- **Time**: 4 years full time

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

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

**Course description**

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

**Majors and minors**

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

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

**Assumed knowledge/Prerequisite**

- Assumed knowledge: Depends on the areas or units of study. For language studies: pathways are available for applicants with no prior language experience, as well as for those with prior experience in the respective language of study.

**Career possibilities**

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

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

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

- **ATAR**: 98
- **IB**: 40
- **UAC**: 513221
- **Time**: 4 years full time

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

**Course description**

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

**Majors and minors**

- Refer to B Arts/B Advanced Studies. A second major must also be taken from these options or from the shared pool. You will also complete a research, community, industry or entrepreneurship project in your fourth year.

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

**Dalyell Scholar opportunities**

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

**Assumed knowledge/Prerequisite**

- Assumed knowledge: Depends on the areas or units of study. For language studies: pathways are available for applicants with no prior language experience, as well as for those with prior experience in the respective language of study.

**Career possibilities**

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

The Bachelor of Arts/B Bachelor of Advanced Studies equips you with the breadth and depth of knowledge and the critical analytical skills to pursue an extensive range of established and emerging careers. It prepares you for the jobs of the future.
<table>
<thead>
<tr>
<th>Course description</th>
<th>Majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
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</thead>
<tbody>
<tr>
<td><strong>B Arts</strong>/<strong>B Advanced Studies (International and Global Studies)</strong></td>
<td>This stream within the Bachelor of Arts and Bachelor of Advanced Studies gives you a rigorous understanding of the paradoxes and complex inter-connections of globalisation. A semester abroad at one of our leading partner universities deepens your knowledge and provides first-hand international experience.</td>
<td>This requires completion of a program in International and Global Studies (including a major in Global Studies), a minor in a language from the School of Languages and Cultures, and a minimum of 12 credit points of study abroad/exchange. A second major must be taken from those available in the B Arts or from the shared pool. You will also undertake a research, community, industry or entrepreneurship project in your fourth year.</td>
<td>Human rights advocate, policy adviser, diplomat, foreign correspondent, international business, journalist, parliamentary officer, foreign aid worker, communications consultant, community development program manager, embassy officer, social policy researcher, trade negotiator, consultant</td>
</tr>
<tr>
<td>ATAR 92&lt;br&gt;IB 54&lt;br&gt;UAC 513210&lt;br&gt;4 years full time&lt;br&gt;Dalyell by invitation</td>
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<tr>
<td><strong>B Arts</strong>/<strong>B Advanced Studies (Media and Communications)</strong></td>
<td>This stream of the Bachelor of Arts and Bachelor of Advanced Studies will provide you with a broad array of skills tailored to meet the needs of the fast-changing media and communications landscape. You will gain real-world experience in media writing, radio, video and digital media production; and media relations and a scholarly and critical education in media and communications theory and practice.</td>
<td>This requires completion of a program in Media and Communications (including a major in Media Studies). A second major must be taken from those available in the B Arts or from the shared pool. You will also complete a research, community, industry or entrepreneurship project in your fourth year.</td>
<td>Corporate communications officer, information officer, journalist (print, online, radio, television), market or media researcher, producer, public relations officer, public policy officer</td>
</tr>
<tr>
<td>ATAR 95&lt;br&gt;IB 57&lt;br&gt;UAC 513215&lt;br&gt;4 years full time&lt;br&gt;Dalyell by invitation</td>
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<tr>
<td><strong>B Arts</strong>/<strong>B Advanced Studies (Politics and International Relations)</strong></td>
<td>This stream of the Bachelor of Arts and Bachelor of Advanced Studies combines the majors in Politics and International Relations with a unique focus on contemporary global issues that shape the world today. You will delve into the inner workings of political institutions and the complex distribution of power at the domestic and international level.</td>
<td>This requires completion of a program in Politics and International Relations. A second major must be taken from those available in the B Arts or from the shared pool. You will also undertake a research, community, industry or entrepreneurship project in your fourth year.</td>
<td>Advocate and lobbyist, foreign affairs adviser, government officer, journalist, public policy adviser, diplomat, international trade officer, researcher, mediator, politician, political consultant, international relations officer, public service positions, business and government consultant, aid worker, market researcher, human rights officer</td>
</tr>
<tr>
<td>ATAR 95&lt;br&gt;IB 57&lt;br&gt;UAC 513220&lt;br&gt;4 years full time&lt;br&gt;Dalyell by invitation</td>
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<tr>
<td><strong>B Arts</strong>/<strong>B Laws</strong></td>
<td>The most established double-degree combination in Australia, the Bachelor of Arts and Bachelor of Laws will challenge your outlook and give you the skills to think differently about how to find real-world, workable and ethical solutions to contemporary problems and issues.</td>
<td>Refer to B Arts. You may take a Global Studies or Media Studies major and may also take a minor or second major from the B Arts or from the shared pool. Units of study for Law: First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Torts and contracts II, legal research II, public international law, public law. Fourth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property and the legal profession. Final year: Private international law A and seven elective units of study.</td>
<td>Barrister, diplomacy, foreign affairs, human rights, international relations, journalism, judge, magistrate, project management, public policy, solicitor</td>
</tr>
<tr>
<td>ATAR 99.5&lt;br&gt;IB 43&lt;br&gt;UAC 513800&lt;br&gt;5 years full time&lt;br&gt;Dalyell by invitation</td>
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'B' for 'Bachelor of', 'M' for 'Master of' and 'D' for 'Doctor of'
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<thead>
<tr>
<th>Course description</th>
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<tbody>
<tr>
<td><strong>B Arts/B Social Work</strong></td>
<td>Refer to B Arts and B Social Work. You may also take a minor or second major from the B Arts or the shared pool. Social work includes a professional two-year program, including research skills, social policy and social work.</td>
<td>Refer to B Arts. For Social Work: depends on subjects chosen.</td>
<td>Community development worker/director, social policy analyst, social worker, counselor, human rights advocate, international aid worker, child and family worker, social justice coordinator</td>
</tr>
<tr>
<td><strong>B Arts/D Medicine</strong></td>
<td>Refer to B Arts and the course website: sydney.edu.au/courses. You may also take a minor or second major from the B Arts or the shared pool. During the Bachelor of Arts you will complete studies in biology, physics and chemistry plus a zero-credit-point subject in Medicine.</td>
<td>Refer to B Arts and the course website: sydney.edu.au/courses.</td>
<td>General practitioner or specialist, surgeon, researcher, pharmaceutical industry, forensic anthropologist, government policy officer, medical journalist, aid worker, management consultancy, teaching, medical administration, medical communication</td>
</tr>
<tr>
<td><strong>B Arts/M Nursing</strong></td>
<td>Refer to B Arts. You may also take a minor from the B Arts or the shared pool. Focus areas for Nursing: acute care, aged care, chronic illness, clinical practice, Indigenous health, mental healthcare and management, pharmacology, physiology, professional practice, social and health policy.</td>
<td>Refer to B Arts and the course website: sydney.edu.au/courses.</td>
<td>Registered nurse in a range of healthcare settings and highly employable in a range of non-clinical settings including government, non-government organisations, business, education and research</td>
</tr>
<tr>
<td><strong>B Commerce</strong></td>
<td>Accounting, banking (major only), business analytics, business information systems, business law, finance (major only), industrial relations and human resource management, international business, management, marketing, professional accounting (program). A second major or a minor may be taken from these options or from the shared pool.</td>
<td>Accounting, banking (major only), business analytics, business information systems, business law, finance (major only), industrial relations and human resource management, international business, management, marketing, professional accounting (program). A second major or a minor may be taken from these options or from the shared pool.</td>
<td>Accountant, business analyst, corporate/government relations officer, economist, entrepreneur, enterprise architect, financial dealer and broker, human resources specialist, international business consultant, investment banker, management consultant, marketing executive, policy adviser, project manager</td>
</tr>
<tr>
<td><strong>B Commerce/B Advanced Studies</strong></td>
<td>Accounting, banking (major only), business analytics, business information systems, business law, finance (major only), industrial relations and human resource management, international business, management, marketing, professional accounting (program). A second major or a minor may be taken from these options or from the shared pool.</td>
<td>Accounting, banking (major only), business analytics, business information systems, business law, finance (major only), industrial relations and human resource management, international business, management, marketing, professional accounting (program). A second major or a minor may be taken from these options or from the shared pool.</td>
<td>Accountant, business analyst, corporate/government relations officer, economist, entrepreneur, enterprise architect, financial dealer and broker, human resources specialist, international business consultant, investment banker, management consultant, marketing executive, policy adviser, project manager</td>
</tr>
<tr>
<td>Course description</td>
<td>Majors and minors</td>
<td>Assumed knowledge/Prerequisite</td>
<td>Career possibilities</td>
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<tr>
<td><strong>B Commerce/ B Advanced Studies (Dalyell Scholars)</strong> ‡</td>
<td>Lead the next generation of business and innovation. Designed for high-achieving students, the Dalyell stream of the new Bachelor of Commerce/Bachelor of Advanced Studies cultivates high-level graduate attributes through greater depth and breadth of learning. You will enrol in exclusive Dalyell units and have access to a suite of enrichment opportunities.</td>
<td>Refer to B Commerce/B Advanced Studies. As a Dalyell Scholar you will also complete 12 credit points of distinctive Dalyell units. These units will be complemented by enrichment opportunities that you can tailor to your needs. They include accelerated study options, additional senior level units of study from outside your primary discipline, mentoring and professional skill development, and a global mobility experience.</td>
<td>Accountant, business analyst, compliance officer, corporate/government relations officer, data analyst, economist, entrepreneur, enterprise architect, financial dealer and broker, human resources specialist, international business strategist, investment banker, logistics and distribution manager, management consultant, marketing executive, market research analyst, project manager, risk manager</td>
</tr>
<tr>
<td><strong>B Laws</strong></td>
<td>Pursue your interests in business and law through our combined degree program and graduate with a degree that will open doors to excellent career prospects in both fields. You will develop foundational knowledge of law with the commercial, technical and management skills to launch your career as a legal practitioner, or step into the business world where a law degree is highly regarded.</td>
<td>Refer to B Commerce. Units of study for Law: First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Torts and contracts II, legal research II, public international law, public law. Fourth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property and the legal profession. Final year: Private international law A and seven elective units of study.</td>
<td>Legal practice in many specialist fields, Criminal defence, prosecution, legal aid, international NGOs, government service, marketer, human resources specialist, financial specialist, entrepreneur, small business owner, project manager, accountant, management consultant, economist, global analyst</td>
</tr>
<tr>
<td><strong>B Design Computing</strong></td>
<td>This is the only undergraduate degree in Australia that will provide you with specialised training for a career in interaction design and creative technologies. From websites and mobile apps to internet-of-things products and immersive environments, you will be at the leading edge of today's user experience (UX) design world when you study with us.</td>
<td>Core areas of study include app design, creative technology, design thinking, graphic design, information architecture, physical computing, sound design, user experience and user-centred design. Core studies are in digital design, interaction design, information visualisation design and human computer experience. Related units may be taken from arts and social sciences, business, engineering, information technology, music and visual arts.</td>
<td>Interaction design, user experience design, creative technology, web design, digital production, product design</td>
</tr>
<tr>
<td><strong>B Design Computing/ B Advanced Studies</strong></td>
<td>This is the only undergraduate degree in Australia that will provide you with specialised training for a career in interaction design and creative technologies. From websites and mobile apps to internet-of-things products and immersive environments, you will be at the leading edge of today's user experience (UX) design world when you study with us. During this degree you will complete a second major, combine studies from a range of disciplines, undertake advanced coursework, and get involved in cross-disciplinary community, professional, research or entrepreneurial project work.</td>
<td>Core areas of study include app design, creative technology, design thinking, graphic design, information architecture, physical computing, sound design, user experience and user-centred design. Core studies are in digital design, interaction design, information visualisation design and human computer experience. You will also take a major from the shared pool and complete a research, community, industry or entrepreneurship project in your fourth year.</td>
<td>Interaction designer, user-experience (UX) designer, creative director, business development, marketing consultant, communications adviser, project manager, design manager, web and multimedia designer, multimedia strategist, creative technologist</td>
</tr>
<tr>
<td>Course description</td>
<td>Majors and minors</td>
<td>Assumed knowledge/Prerequisite</td>
<td>Career possibilities</td>
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<tr>
<td>B Design in Architecture</td>
<td>Core areas of study include architectural design, architectural history and theory, architectural workshops, environment and sustainability, professional practice and architectural communications. You will have the option of choosing to specialise in one of three streams: allied arts in architecture, urban design and planning, or digital architecture. You will also have the opportunity to take electives from the University of Sydney School of Architecture, Design and Planning as well as from other faculties and schools.</td>
<td>Assumed knowledge: English (Advanced) and Mathematics</td>
<td>Architecture, architectural technology, interior and spacial design, urban design, project management, property development</td>
</tr>
<tr>
<td>ATAR 95 IB 37 UAC 513115 3 years full time</td>
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<tr>
<td>B Design in Architecture (Honours)/M Architecture</td>
<td>Core areas of study include architectural design, history and theory, technologies, architecture workshops, environment and sustainability, professional practice and architectural communications.</td>
<td>Assumed knowledge: English (Advanced) and Mathematics</td>
<td>Architect, design manager, academic</td>
</tr>
<tr>
<td>ATAR 97 IB 39 UAC 513120 5 years full time</td>
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<tr>
<td>B Economics</td>
<td>Economics, econometrics, financial economics, agricultural and resource economics. A minor or second major must be taken from these options, those offered by the University of Sydney Business School (see Bachelor of Commerce on page 41) or from the shared pool.</td>
<td>Assumed knowledge: Mathematics Prerequisite: Band 4 in Mathematics (not Mathematics General)</td>
<td>Business analyst, economic researcher, economist, management consultant, policy adviser, statistical analyst, fund and portfolio manager, project officer, financial adviser, banker</td>
</tr>
<tr>
<td>ATAR 90 IB 33 UAC 513225 3 years full time</td>
<td>Economics, econometrics, financial economics, agricultural and resource economics. A second major must be taken from these options, those offered by the Business School (see Bachelor of Commerce) or the shared pool.</td>
<td>Assumed knowledge: Mathematics Prerequisite: Band 4 in Mathematics (not Mathematics General)</td>
<td>Business analyst, economic researcher, economist, management consultant, policy adviser, statistical analyst, fund and portfolio manager, project officer, financial adviser, banker</td>
</tr>
<tr>
<td>Dalayll by invitation</td>
<td>Economics, econometrics, financial economics, agricultural and resource economics. A second major must be taken from these options, those offered by the Business School (see Bachelor of Commerce) or the shared pool.</td>
<td>Assumed knowledge: Mathematics Prerequisite: Band 4 in Mathematics (not Mathematics General)</td>
<td>Business analyst, economic researcher, economist, management consultant, policy adviser, statistical analyst, fund and portfolio manager, project officer, financial adviser, banker</td>
</tr>
<tr>
<td>B Economics/ B Advanced Studies</td>
<td>Economics, econometrics, financial economics, agricultural and resource economics. A second major must be taken from these options, those offered by the Business School (see Bachelor of Commerce) or the shared pool.</td>
<td>Assumed knowledge: Mathematics Prerequisite: Band 4 in Mathematics (not Mathematics General)</td>
<td>Business analyst, economic researcher, economist, management consultant, policy adviser, statistical analyst, fund and portfolio manager, project officer, financial adviser, banker</td>
</tr>
<tr>
<td>ATAR 90 IB 33 UAC 513230 4 years full time</td>
<td>Economics, econometrics, financial economics, agricultural and resource economics. A second major must be taken from these options, those offered by the Business School (see Bachelor of Commerce) or the shared pool.</td>
<td>Assumed knowledge: Mathematics Prerequisite: Band 4 in Mathematics (not Mathematics General)</td>
<td>Business analyst, economic researcher, economist, management consultant, policy adviser, statistical analyst, fund and portfolio manager, project officer, financial adviser, banker</td>
</tr>
<tr>
<td>Dalayll by invitation</td>
<td>Economics, econometrics, financial economics, agricultural and resource economics. A second major must be taken from these options, those offered by the Business School (see Bachelor of Commerce) or the shared pool.</td>
<td>Assumed knowledge: Mathematics Prerequisite: Band 4 in Mathematics (not Mathematics General)</td>
<td>Business analyst, economic researcher, economist, management consultant, policy adviser, statistical analyst, fund and portfolio manager, project officer, financial adviser, banker</td>
</tr>
<tr>
<td>B Advanced Studies</td>
<td>Economics, econometrics, financial economics, agricultural and resource economics. A second major must be taken from these options, those offered by the Business School (see Bachelor of Commerce) or the shared pool.</td>
<td>Assumed knowledge: Mathematics Prerequisite: Band 4 in Mathematics (not Mathematics General)</td>
<td>Business analyst, economic researcher, economist, management consultant, policy adviser, statistical analyst, fund and portfolio manager, project officer, financial adviser, banker</td>
</tr>
</tbody>
</table>

A+C, n/a, ^, ‡, *, **: see 'Table notes' on page 58
**Course description**  
Are you ready for the opportunity of a lifetime? Travel abroad, immerse yourself in the French culture, learn a new language and complete a dual degree with a social science focus, all at the same time.

**Majors and minors**  
Refer to B Economics for Sydney majors. For further information on studies in France, including units of study, please refer to sydney.edu.au/arts/international/year_1_2.shtml

**Assumed knowledge/Prerequisite**  
**B** for Bachelor of, **M** for Master of and **D** for Doctor of

**Career possibilities**  
Economist, financial analyst, investment analyst, policy analyst, historian, teacher, translator, diplomat, market researcher, publisher, public relations adviser, linguist, writer, librarian, criminologist, aid worker

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

**ATAR A+ C**  
**IB A+ C**  
**UAC n/a**  
**2+2 years full time**

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

**B Education (Early Childhood)**  
**ATAR 77**  
**IB 27**  
**UAC 513240**  
**4 years full time**

The Bachelor of Education (Early Childhood) will challenge you and develop your confidence to teach in all aspects of early childhood settings as you gain a professional qualification to teach children from birth up to five years old. It sets the benchmark in early childhood education programs, with compulsory professional experiences and in-depth study of child development and pedagogy.

**B Education (Health and Physical Education)**  
**ATAR 80**  
**IB 28**  
**UAC 513245**  
**4 years full time**

The Bachelor of Education (Health and Physical Education) is a degree with a strong focus on integrating educational theory and practice that will produce teachers equipped with the necessary skills to be leaders of Health and Physical Education.

Students also complete a second teaching method. University lectures and practical workshops will be linked to a comprehensive professional development program, including various service learning experiences.

**B Education (Primary)**  
**ATAR 85**  
**IB 51**  
**UAC 513250**  
**4 years full time**

Inspire our next generation in this professional qualification to teach in a primary school with children aged five to 12 years. The Bachelor of Education (Primary) offers extensive professional experiences at schools throughout the four-year program and mandatory units in Indigenous education, Teaching English to Speakers of Other Languages (TESOL) and Special Education.

**B Laws**  
**ATAR 99.5**  
**IB 43**  
**UAC 513800**  
**5 years full time**

Dalyell by invitation

**B Economics/ B Laws**

**Assumed knowledge/Prerequisite**  
**Mathematics**  
**Prerequisite**

**Career possibilities**  
Early learning centre or preschool teacher (birth to five years)

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**Assumed knowledge**  
Depends on units chosen

**Recommended studies**

---

**Prerequisite**

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**Primary teacher, primary school leadership roles, support teacher for children with learning difficulties, English-language specialist, teacher of gifted and talented children, teacher or curriculum consultant, government (policy developer)**
## B Education (Secondary: Humanities and Social Sciences)/B Arts

<table>
<thead>
<tr>
<th><strong>Course description</strong></th>
<th><strong>Majors and minors</strong></th>
<th><strong>Assumed knowledge/Prerequisite</strong></th>
<th><strong>Career possibilities</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>The Bachelor of Education (Secondary: Humanities and Social Sciences) and Bachelor of Arts five-year combined degree will give you a professional qualification to teach in secondary schools in the areas of humanities and social sciences.</td>
<td>You will take a core program in education, along with intensive study and professional experience in teaching areas. You need to select two teaching areas, and these may include Aboriginal studies, business studies/commerce, drama, economics/commerce, English, geography, history, languages, mathematics and teaching. English to speakers of other languages (TESOL). A major needs to be taken in your primary teaching area, alongside further study in a second teaching area. Business studies, geography, mathematics or TESOL may be taken as a second teaching area only. A third teaching area may be taken in TESOL or Aboriginal studies.</td>
<td><strong>Assumed knowledge</strong> Refer to B Arts <strong>Prerequisite</strong> Dalyell by invitation</td>
<td>Secondary teacher in areas including English, drama, history, mathematics, TESOL, geography, economics and languages, secondary school leadership roles, policy development, corporate training or development</td>
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<tbody>
<tr>
<td>The Bachelor of Education (Secondary: Mathematics) and Bachelor of Science five-year combined degree will give you a professional qualification to teach in secondary schools in mathematics or science.</td>
<td>You will take a core program of study in education along with intensive study and professional experience in teaching areas. A major must be taken in mathematics. A second teaching area can be taken in one of the following: biology, chemistry, earth and environmental science, geography, physics. Graduate intending to teach science at a secondary level need to complete at least one year of study in chemistry or physics during their degree.</td>
<td><strong>Assumed knowledge</strong> Mathematics or HSC Mathematics Extension 1. Other assumed knowledge depends on the areas or units studied. <strong>Prerequisite</strong> Band 4 in Mathematics (not Mathematics General)</td>
<td>Secondary teacher in areas including biology, chemistry, earth and environmental science, physics, geography and mathematics, secondary school leadership roles, policy development, corporate training or development</td>
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<tr>
<td>The Bachelor of Education (Secondary: Science) and Bachelor of Science five-year combined degree will give you a professional qualification to teach science in secondary schools.</td>
<td>You will take a core program of study in education, along with intensive study and professional experience in teaching areas. Two teaching areas are selected from the following: biology, chemistry, earth and environmental science, geography, mathematics, physics. A major must be taken in a science teaching area. Graduates intending to teach science at a secondary level need to complete at least 12 credit points of study in both mathematics and chemistry or physics during their degree.</td>
<td><strong>Assumed knowledge</strong> For B Science: Mathematics or HSC Mathematics Extension 1. Other assumed knowledge depends on the areas or units studied. <strong>Prerequisite</strong> Band 4 in Mathematics (not Mathematics General)</td>
<td>Secondary teacher in areas including mathematics, biology, chemistry, earth and environmental science, physics and geography, secondary school leadership roles, policy development, corporate training or development</td>
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<tr>
<td>Lead the next generation of engineering innovation and development. Designed for students who demonstrate outstanding academic ability, the Bachelor of Engineering Honours (Dalyell Scholars) provides access to a suite of enrichment opportunities and distinctive units of study that cultivate a sophisticated understanding of your chosen engineering stream. You will also develop the leadership and management expertise necessary to tackle tomorrow’s challenges.</td>
<td>In addition to your chosen engineering stream, as a Dalyell Scholar you will complete distinctive Dalyell units and have access to enrichment opportunities that you can tailor to your needs. They include accelerated study options, additional senior level units of study from outside your primary discipline, mentoring and professional skill development, and a global mobility experience.</td>
<td><strong>Assumed knowledge</strong> Refer to relevant engineering stream <strong>Prerequisite</strong> Band 4 in Mathematics (not Mathematics General)</td>
<td>Along with career options from your chosen stream, the valuable insights you gain through your studies as a Dalyell Scholar will open up a range of opportunities across the public and private sectors including in business, banking, consulting, entrepreneurship and project management</td>
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<tr>
<td>Course description</td>
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<td>Career possibilities</td>
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<tr>
<td>B Engineering Honours (Aeronautical)</td>
<td>Design and operate the aircraft of tomorrow. The Bachelor of Engineering Honours (Aeronautical) develops a comprehensive understanding of the design process and operation of aircraft within the Earth's atmosphere and in space. By combining practical learning and industry experience, this program will equip you for the aerospace industry's next evolution.</td>
<td>There are more than 15 engineering majors to choose from. The faculty offers a major in Space Engineering to high-achieving students. If you have an ATAR of 99 (or equivalent) or above, you may also apply for that major.</td>
<td>Design research and certification in the airline/aerospace industry, general engineering positions, and manufacturing and assembly</td>
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<td>ATAR 90</td>
<td>IB 33</td>
<td>UAC 513525</td>
<td>4 years full time</td>
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<tr>
<td>B Engineering Honours (Biomedical)</td>
<td>Lead the revolution in life-saving medical technology. The Bachelor of Engineering Honours (Biomedical) develops a comprehensive knowledge of all aspects of biomedical engineering. By combining multidisciplinary learning with collaborative projects and industry experience, you will develop the knowledge and experiences to launch your career in this rapidly growing branch of engineering.</td>
<td>There are more than 15 engineering majors to choose from. The majors that best align with this stream are Chemical Engineering, Electrical Engineering, Humanitarian Engineering, Information Technology, Mechanical Engineering and Mechatronic Engineering.</td>
<td>Clinical support specialist, instrumentation engineer, medical device assessor, patent examiner and field service engineer. Biomedical engineers design and manufacture implantable and external medical devices, including orthopaedic, cardiovascular and other electronic and surgical equipment.</td>
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<tr>
<td>ATAR 90</td>
<td>IB 33</td>
<td>UAC 513530</td>
<td>4 years full time</td>
</tr>
<tr>
<td>B Engineering Honours (Chemical and Biomolecular)</td>
<td>Lead positive change and improve lives. The Bachelor of Engineering Honours (Chemical and Biomolecular) will enable you to develop creative solutions throughout the chemical and environmental engineering fields. By combining collaborative learning and research with first-hand industry experience, you will be positioned to revolutionise society’s processes and address pressing environmental challenges.</td>
<td>There are more than 15 engineering majors to choose from. There are no specific majors aligned with this degree. You may choose additional study if you wish to major in a particular area of engineering.</td>
<td>All sectors of the process industries, from primary resource industries through to fine chemicals and sophisticated manufacturing</td>
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<tr>
<td>ATAR 90</td>
<td>IB 33</td>
<td>UAC 513535</td>
<td>4 years full time</td>
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<tr>
<td>B Engineering Honours (Civil)</td>
<td>Take a lead role in designing and transforming your world. Through practical and industry experiences, this program develops the comprehensive ability to plan, design and test structures within the built and natural environments. A suite of embedded professional skills will equip you to contribute to infrastructure that improves lives in Australia and worldwide.</td>
<td>There are more than 15 engineering majors to choose from. The majors that best align with this stream are Construction Management, Environmental Engineering, Geotechnical Engineering, Humanitarian Engineering, Structures and Transport Engineering.</td>
<td>Airport and harbour authorities, banks, construction and mining companies, environmental and infrastructure consultants, municipal councils, project management and public works</td>
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<tr>
<td>ATAR 90</td>
<td>IB 33</td>
<td>UAC 513540</td>
<td>4 years full time</td>
</tr>
<tr>
<td>B Engineering Honours (Electrical)</td>
<td>Create a brighter future. The Bachelor of Engineering Honours (Electrical) will develop your ability to design and build the systems and machines that generate, transmit, measure, control and use electrical energy. It will position you to tackle the world’s biggest challenges in health, education and the environment.</td>
<td>There are more than 15 engineering majors to choose from. The majors that best align with this stream are Computer Engineering, Internet of Things, Power Engineering and Telecommunications Engineering.</td>
<td>Grid maintenance and stability contractor, industry power supply engineer, power transmission and generating systems engineering, specialised consulting companies and telecommunications</td>
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<tr>
<td>ATAR 90</td>
<td>IB 33</td>
<td>UAC 513545</td>
<td>4 years full time</td>
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<tr>
<td>B Engineering Honours (Flexible First Year)</td>
<td>Discover where your strengths lie. The Bachelor of Engineering Honours (Flexible First Year) allows you to commence your studies with core subjects before transferring into your engineering stream of choice at the end of your first semester or year. You will still complete your engineering degree in the normal time (four years).</td>
<td>There are more than 15 engineering majors to choose from. Information on which majors align best with the different engineering streams can be found under the individual stream information. Students commencing their studies in Flexible First Year will have the opportunity to pursue a major once they have transferred to a stream.</td>
<td>Refer to individual engineering streams</td>
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<tr>
<td>ATAR 90</td>
<td>IB 33</td>
<td>UAC 513550</td>
<td>4 years full time</td>
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'B' for 'Bachelor of', 'M' for 'Master of' and 'D' for 'Doctor of'
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<tr>
<td><strong>B Engineering Honours (Mechanical)</strong>&lt;br&gt; ATAR 90 IB 33&lt;br&gt; UAC 515555&lt;br&gt; 4 years full time</td>
<td>Design the machines that will engineer our future. The Bachelor of Engineering Honours (Mechanical) will develop your ability to design, manage and maintain a diverse range of mechanical applications. Through practical learning and industry experiences, you will be ready to transform the use of machines across a range of innovative and emerging industries.</td>
<td>There are more than 15 engineering majors to choose from. The majors that best align with this stream are Environmental Engineering, Materials and Space Engineering.</td>
<td>Automated facilities, automatic control systems, biomedical implant design, building industry, design of automotive, undersea exploration and space vehicles, environmental pollution control, manufacturing industry, and mineral exploration</td>
</tr>
<tr>
<td><strong>B Engineering Honours (Mechatronic)</strong>&lt;br&gt; ATAR 90 IB 33&lt;br&gt; UAC 515560&lt;br&gt; 4 years full time</td>
<td>Lead the next generation of machine design. The Bachelor of Engineering Honours (Mechatronic) combines mechanical, electronic and software engineering to enable you to create computer-controlled machines and consumer products. Underpinned by industry experience and management skills, you will be equipped to tackle the exciting challenges of this ever-evolving field.</td>
<td>There are more than 15 engineering majors to choose from. The faculty offers a major in Space Engineering to high-achieving students. If you have an ATAR of 99 (or equivalent) or above, you may also apply for the Space Engineering major.</td>
<td>Automatic control systems, product design and development, robotics and automation for advanced manufacturing, and software design and development for real-time computer systems</td>
</tr>
<tr>
<td><strong>B Engineering Honours (Software)</strong>&lt;br&gt; ATAR 90 IB 33&lt;br&gt; UAC 515565&lt;br&gt; 4 years full time</td>
<td>Create the software and games of tomorrow. Through the Bachelor of Engineering Honours (Software) you will learn first hand how to design and develop computer games, business applications, operating systems and network control systems. Combining technical knowledge with industry experience, you will be ready to transform the digital world.</td>
<td>There are more than 15 engineering majors to choose from. The majors that best align with this stream are Computer Engineering, Power Engineering, and Telecommunications Engineering.</td>
<td>Artificial intelligence, control systems, database management, information technology, internet programming, language compilers, multimedia and telecommunication software systems, real-time software engineering and reliable biomedical systems</td>
</tr>
<tr>
<td><strong>B Engineering Honours with Space Engineering</strong>&lt;br&gt; ATAR 99 IB 42&lt;br&gt; UAC 513570&lt;br&gt; 4 years full time&lt;br&gt; Dalyell by invitation</td>
<td>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. Refer to the relevant stream. The major in Space Engineering major covers studies in aerospace systems, electronic devices and circuits, orbital mechanics, space vehicle design, systems engineering.</td>
<td>There are more than 15 engineering majors to choose from. The majors that best align with this stream are Computer Engineering, Power Engineering, and Telecommunications Engineering.</td>
<td>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.</td>
</tr>
<tr>
<td><strong>B Engineering Honours/ B Arts</strong>&lt;br&gt; ATAR 90 IB 33&lt;br&gt; UAC 515575&lt;br&gt; 5 years full time&lt;br&gt; Dalyell by invitation</td>
<td>This combined degree allows you to study engineering while pursuing your interests in the humanities, social sciences or languages. You can combine any of the Bachelor of Engineering Honours streams with a Bachelor of Arts. Students take a major from B Arts and may take a minor or electives from the shared pool in addition to relevant B Engineering Honours stream requirements.</td>
<td>Refer to the relevant stream. The major in Space Engineering major covers studies in aerospace systems, electronic devices and circuits, orbital mechanics, space vehicle design, systems engineering.</td>
<td>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.</td>
</tr>
<tr>
<td><strong>B Engineering Honours/ B Commerce</strong>&lt;br&gt; ATAR 95 IB 36&lt;br&gt; UAC 513580&lt;br&gt; 5 years full time&lt;br&gt; Dalyell by invitation</td>
<td>This combined degree program is designed to extend the management component of the Bachelor of Engineering Honours. You can combine any of the engineering streams with a Bachelor of Commerce. In addition to your engineering stream, this program allows you to complete one major and one minor in any area of commerce. Students take a major from B Commerce and may take a minor or electives from the shared pool in addition to relevant B Engineering Honours stream requirements.</td>
<td>Refer to the relevant stream. The major in Space Engineering major covers studies in aerospace systems, electronic devices and circuits, orbital mechanics, space vehicle design, systems engineering.</td>
<td>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.</td>
</tr>
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<tr>
<td><strong>B Engineering Honours (Civil)/B Design in Architecture</strong></td>
<td>Design unique and innovative infrastructure. In the combined Bachelor of Engineering Honours (Civil) and Bachelor of Design in Architecture program you will learn to analyse the forces within a structure and to design its skeleton to support these forces, complemented by the conceptual and aesthetic essentials of the design process.</td>
<td>Refer to B Engineering Honours (Civil) and B Design in Architecture.</td>
<td>Airport and harbour authorities, architecture, architectural technology, banks, construction and mining companies, engineering and infrastructure consultants, interior and spacial design, municipal councils, project management, property development, public works and urban design</td>
</tr>
<tr>
<td><strong>B Engineering Honours/ B Laws</strong></td>
<td>This six-year combined degree will provide an excellent foundation for a career in law or engineering. Your engineering studies will emphasise the practical aspects of science, while your law studies will focus on the interpretation and application of the legal system. You can combine any of the engineering streams with a Bachelor of Laws.</td>
<td>Refer to the relevant B Engineering Honours stream. For Law: First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Torts and contracts II, legal research II, public international law, public law. Fourth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property and the legal profession. Final year: Private international law A and seven elective units of study.</td>
<td>Refer to relevant B Engineering Honours stream. For Law: solicitor, barrister, magistrate, judge. Non-legal: diplomacy, foreign affairs, human rights, international relations, investment banking, journalism, management consultancy, public policy</td>
</tr>
<tr>
<td><strong>B Engineering Honours/ B Project Management</strong></td>
<td>In this combined degree you will develop technical expertise in your chosen engineering stream and complementary project management skills. Along with engineering, you will study core project management subjects including project finance, complex project coordination, analytics, risk management, organisational behaviour and psychology. You can combine any engineering stream with a Bachelor of Project Management.</td>
<td>Refer to the relevant B Engineering Honours stream and B Project Management.</td>
<td>Refer to relevant B Engineering Honours stream and B Project Management</td>
</tr>
<tr>
<td><strong>B Engineering Honours/ B Science</strong></td>
<td>This combined degree emphasises the strong scientific foundations of engineering. It will expand your career options by giving you two qualifications with just one extra year of study. In addition to your engineering stream, you will complete a major in science. You can combine any engineering stream with a Bachelor of Science.</td>
<td>Students take a major from B Science and may take a minor or electives from the shared pool in addition to relevant B Engineering Honours stream requirements.</td>
<td>Refer to relevant B Engineering Honours stream and B Science</td>
</tr>
<tr>
<td><strong>B Engineering Honours/ B Science (Health)</strong></td>
<td>This combined degree enables you to gain technical expertise in your chosen engineering stream and complementary knowledge in health and healthcare provision. Along with engineering, you will gain a thorough grounding in health and health systems at local, national and global levels. The degree will open up career opportunities across a range of diverse and innovative industries. You can combine any engineering stream with a Bachelor of Science (Health).</td>
<td>Refer to the relevant B Engineering Honours stream and B Science (Health).</td>
<td>Refer to relevant B Engineering Honours stream and B Science (Health)</td>
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</table>

'B' for 'Bachelor of', 'M' for 'Master of' and 'D' for 'Doctor of'
### B Engineering Honours / B Science (Medical Science)

**3 years full time**

This five-year combined degree links the core elements of engineering and medical science. The technology-based engineering skills you develop during your studies will be complemented by skills in medical sciences. It forms an ideal base for postgraduate research or graduate studies in medicine or dentistry. You can combine any engineering stream with a Bachelor of Science (Medical Science).

<table>
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</thead>
<tbody>
<tr>
<td>B Engineering Honours stream and B Science (Medical Science)</td>
<td>Refer to the relevant B Engineering Honours stream and B Science (Medical Science).</td>
<td>Assumed knowledge HSC Mathematics Extension 1, Chemistry and either Physics or Biology</td>
<td>Refer to relevant B Engineering Honours stream and B Science (Medical Science)</td>
</tr>
</tbody>
</table>

### B Liberal Arts and Science

**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.

<table>
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</thead>
<tbody>
<tr>
<td>B Liberal Arts and Science</td>
<td>Refer to B Science and B Arts for major options.</td>
<td>Assumed knowledge Depends on the subject areas chosen</td>
<td>Science media adviser, science historian, science documentary maker, algebraic geometer, theoretical chemist, mammalian resources manager</td>
</tr>
</tbody>
</table>

### B Music

**4 years full time**

Our new four-year Bachelor of Music degree will interest you if you are seeking a broad musical education. This degree facilitates creative interdisciplinary links within music disciplines as well as with other subject areas throughout the University. It enables you to develop as a musician through the acquisition of an integrated body of knowledge, skills and ways of thinking.

You can choose from the following streams: contemporary music practice, creative music, digital music and media, improvised music. Major: Musicology.

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<th>Career possibilities</th>
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<td>B Music (Composition)</td>
<td>You will have the opportunity to study in both traditional and electroacoustic composition areas, including computer music, digital music and sound art. Core studies are undertaken in analysis, composer performance workshop, composition through improvisation, history and culture, and music skills (aural perception, harmony and analysis, music technology and sound recording).</td>
<td>Assumed knowledge HSC Music 2 or AMEB Level 6 Musicianship or equivalent knowledge.</td>
<td>Composer, contemporary musician, concert entrepreneur, music teacher</td>
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### B Music (Music Education)^*

**4 years full time**

Music educators train the musicians of tomorrow. The Music Education Unit immerses students in the Sydney Conservatorium of Music’s melodic pot of performance, composition and teaching. While preparing to become accredited classroom teachers, our music education students undertake a principal study in performance (jazz or classical), musicology or composition.

Music education, plus instrument or voice or academic study selected from brass, composition, historical performance, jazz studies, musicology, organ, percussion, piano, strings, vocal studies, woodwind. Studies are also undertaken in analysis, history and cultural studies, and music skills (aural perception, harmony and analysis).

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<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
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</thead>
<tbody>
<tr>
<td>B Music (Music Education)^*</td>
<td>Music education, plus instrument or voice or academic study selected from brass, composition, historical performance, jazz studies, musicology, organ, percussion, piano, strings, vocal studies, woodwind. Studies are also undertaken in analysis, history and cultural studies, and music skills (aural perception, harmony and analysis).</td>
<td>Assumed knowledge HSC Music 2 or equivalent knowledge Prerequisite Band 5 in three HSC subjects, one of which needs to be English (not English as a Second Language or English Studies)</td>
<td>Classroom music teacher, private music teacher, conductor, orchestral musician, chamber musician, concert soloist</td>
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<tr>
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<td>Assumed knowledge/Prerequisite</td>
<td>Career possibilities</td>
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<tr>
<td>B Music (Performance)</td>
<td>You will take an instrumental (including jazz) or vocal (classical) principal study (instrument, classical voice or jazz) with orchestral studies and chamber music, and core studies such as music skills, analysis, history, culture and pedagogy. You will benefit from one-on-one tuition and make use of the Conservatorium’s state-of-the-art facilities.</td>
<td>Assumed knowledge HSC Music 2 or equivalent</td>
<td>Concert soloist, contemporary musician, private music teacher, orchestral musician, chamber musician, concert entrepreneur, arts manager</td>
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<td>ATAR A+C</td>
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<td>IB A+C</td>
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<td>UAC 513415</td>
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<td>4 years full time</td>
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<tr>
<td>Nursing and Midwifery Board of Australia and launch your career in healthcare.</td>
<td>Focus areas for Nursing: acute care, aged care, child and adolescent health, chronic illness, clinical practice, Indigenous health, mental healthcare and management, pharmacology, physiology, primary healthcare, professional practice, social and health policy.</td>
<td>Assumed knowledge None</td>
<td>Registered nurse with a career in a range of healthcare settings, including emergency, intensive care, mental health, cancer and palliative care, aged care, child and adolescent health, international health, education and research</td>
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<td>ATAR 84</td>
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<td>IB 51</td>
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<td>UAC 513755</td>
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<td>3 years full time</td>
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<tr>
<td>Oral Health</td>
<td>Your studies will include dental hygiene, oral health therapy and oral health promotion.</td>
<td>Recommended studies Biology and/or Chemistry</td>
<td>Dental assistant, dental hygienist, dental technician</td>
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<tr>
<td>ATAR A+C</td>
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<tr>
<td>IB A+C</td>
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<td>UAC 513700</td>
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<tr>
<td>3 years full time</td>
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<tr>
<td>Pharmacy</td>
<td>Completion of a major is not a requirement. Candidates have the option of completing one major in either Industrial Pharmacy (consisting of an extended professional placement) or International Pharmacy, which provides an opportunity to participate in an international exchange program as part of the requirements of this major.</td>
<td>Assumed knowledge Mathematics and Chemistry</td>
<td>Pharmacist</td>
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<td>ATAR 90</td>
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<td>IB 53</td>
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<td>UAC 513760</td>
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<td>4 years full time</td>
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<tr>
<td>Pharmacology and Management</td>
<td>The Bachelor of Pharmacy and Management is an innovative five-year degree that teaches a unique combination of pharmacy skills and business knowledge to develop the commercial, clinical and communication skills necessary to thrive in a changing and competitive healthcare landscape.</td>
<td>Assumed knowledge Mathematics and Chemistry</td>
<td>Registered pharmacists work in retail pharmacy (community practice), hospital pharmacies, research positions within universities or research institutes, or positions in the pharmaceutical industry, in drug production, marketing or drug development.</td>
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<td>ATAR 90</td>
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<td>UAC 513765</td>
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<td>5 years full time</td>
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</table>

'B' for 'Bachelor of', 'M' for 'Master of' and 'D' for 'Doctor of'
<table>
<thead>
<tr>
<th>Course</th>
<th>Majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B Project Management</strong></td>
<td>Streams available: Built environment stream, civil engineering science stream or software stream. Core subjects include analytics, complex project coordination, organisational behaviour, project finance, project management, psychology, risk management, statistics. You will undertake a capstone project in the final year.</td>
<td>Assumed knowledge HSC Mathematics Extension 1&lt;br&gt;Prerequisite Band 4 in Mathematics (not Mathematics General)</td>
<td>Professional and management roles in property development, construction, mining, IT, banking and finance, state or federal government or in consultancy roles in engineering, water health or energy sectors</td>
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<tr>
<td>ATAR 85 IB 31 UAC 513610 3 years full time</td>
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<tr>
<td><strong>B Psychology</strong></td>
<td>For Arts stream: Psychology and refer to B Arts for the list of available second majors. For science stream major: Psychology.</td>
<td>Assumed knowledge Science stream: Mathematics. Both streams: Other assumed knowledge depends on subjects chosen&lt;br&gt;Prerequisite Band 4 in Mathematics (not Mathematics General)</td>
<td>Clinical psychologist, neuroscientist, organisational psychologist, market researcher, advertising executive, social psychology researcher, learning and attention researcher</td>
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<tr>
<td>ATAR 96 IB 38 UAC 513905 4 years full time</td>
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<tr>
<td><strong>B Science</strong></td>
<td>A Bachelor of Science opens up a world of opportunity. Whether you dream about being at the forefront of research – learning how to analyse and think critically – or want to help make the planet a better place, a Bachelor of Science will give you highly sought-after skills. It will equip you for a huge range of careers – from the sciences and beyond. Dalyell Scholars also have the option of completing a Mathematical Sciences program to combine their interest in mathematics with other areas of science and technology.</td>
<td>Assumed knowledge Mathematics or HSC Mathematics Extension 1. All students undertake some study in mathematics.&lt;br&gt;Prerequisite Band 4 in Mathematics (not Mathematics General)</td>
<td>Agricultural scientist, astronomer, biosecurity researcher, ecologist, environmental policymaker, food chemistry analyst, hydrologist, mathematician, medical scientist, nanoscientist, nutritionist, psychologist, plant geneticist, soil scientist</td>
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<tr>
<td>ATAR 80 IB 28 UAC 513910 3 years full time</td>
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<tr>
<td>Dalyell by invitation</td>
<td>A minor or second major must also be taken from these options or from the shared pool.</td>
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</tbody>
</table>
### Course description

**B Science (Health)**

Health is one of Australia’s fastest-growing sectors. Graduates who understand the nature of the health problems facing global communities and how to design effective healthcare approaches, to serve our increasingly consumer-driven, ageing population, are in high demand.

**Assumed knowledge/Prerequisite**

- Mathematics or HSC Mathematics Extension 1. All students undertake some study in mathematics.
- For the Human Movement major: Chemistry.
- **Prerequisite**: Band 4 in Mathematics (not Mathematics General)

**Career possibilities**

Health promotion, policymaking, project and case management, consultant, logistics and procurement, work in insurance, business development, marketing and public relations.

---

**B Science (Medical Science)**

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

**Assumed knowledge/Prerequisite**

- Mathematics or HSC Mathematics Extension 1. Chemistry and either Physics or Biology. All students undertake some study in mathematics.
- **Prerequisite**: Band 4 in Mathematics (not Mathematics General)

**Career possibilities**

Medical researcher, pathologist, doctor (after further study), dentist (after further study), histologist, physiologist, microbiologist, biochemist, biomedical device designer.

---

**B Science/ B Advanced Studies**

This degree opens up a world of opportunity. Whether you dream about being at the forefront of research, learning how to analyse and think critically, or want to help make the planet a better place, you will gain highly sought-after skills for a huge range of careers – from the sciences and beyond.

You will combine studies from a range of disciplines, undertake advanced coursework, and complete a substantial final-year project.

**Assumed knowledge/Prerequisite**

- Mathematics or HSC Mathematics Extension 1. All students undertake some study in mathematics. Other assumed knowledge depends on subjects chosen.
- **Prerequisite**: Band 4 in Mathematics (not Mathematics General)

**Career possibilities**

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

---

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

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<table>
<thead>
<tr>
<th>Course description</th>
<th>Majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
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</thead>
<tbody>
<tr>
<td><strong>B Science (Health)</strong></td>
<td>Health is one of Australia’s fastest-growing sectors. Graduates who understand the</td>
<td>This stream requires completion of a major in Health. A minor or second major must be taken</td>
<td>Health promotion, policymaking, project and case management, consultant, logistics and procurement, work</td>
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<td></td>
<td>nature of the health problems facing global communities and how to design effective</td>
<td>from those available in the B Science, in Human Movement (only available to students enrolled in</td>
<td>in insurance, business development, marketing and public relations.</td>
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<td>healthcare approaches, to serve our increasingly consumer-driven, ageing population,</td>
<td>the Health stream) or from the shared pool.</td>
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<td>are in high demand.</td>
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<td><strong>Assumed knowledge/Prerequisite</strong></td>
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<td>Mathematics or HSC Mathematics Extension 1. All students undertake some study in</td>
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<td>mathematics.</td>
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<td>For the Human Movement major: Chemistry.</td>
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<td>Band 4 in Mathematics (not Mathematics General)</td>
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<td><strong>Career possibilities</strong></td>
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<td>Health promotion, policymaking, project and case management, consultant, logistics</td>
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<td>and procurement, work in insurance, business development, marketing and public</td>
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<td><strong>B Science (Medical Science)</strong></td>
<td>This stream requires completion of a program in Medical Science, including a Medical Science</td>
<td>Medical researcher, pathologist, doctor (after further study), dentist (after further study), histologist,</td>
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<td>With the rise of personalised medicine, there is predicted to be an increase in jobs</td>
<td>major. A second major or minor must also be taken from those available in the B Science or from</td>
<td>physiologist, microbiologist, biochemist, biomedical device designer.</td>
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<td>available in the broad medical and health sciences. Whether you want to work at</td>
<td>the shared pool.</td>
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<td>the forefront of medical research or become a doctor or dentist with further study,</td>
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<td>the Bachelor of Science (Medical Science) will give you the essential foundation</td>
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<td>for a rewarding career improving the health of people and the community.</td>
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<td><strong>Assumed knowledge/Prerequisite</strong></td>
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<td>Mathematics or HSC Mathematics Extension 1. Chemistry and either Physics or Biology.</td>
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<td>All students undertake some study in mathematics.</td>
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<td><strong>Prerequisite</strong></td>
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<td><strong>Career possibilities</strong></td>
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<td>Medical researcher, pathologist, doctor (after further study), dentist (after</td>
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<td>further study), histologist, physiologist, microbiologist, biochemist, biomedical</td>
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<td></td>
<td><strong>B Science/ B Advanced Studies</strong></td>
<td>This degree opens up a world of opportunity. Whether you dream about being at the forefront</td>
<td>Agricultural scientist, astronomer, biosecurity researcher, ecologist, environmental policymaker, food</td>
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<td>This degree opens up a world of opportunity. Whether you dream about being at the</td>
<td>of research, learning how to analyse and think critically, or want to help make the planet a</td>
<td>chemistry analyst, hydrologist, investment banker, journalist, mathematician, medical scientist,</td>
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<td>forefront of research, learning how to analyse and think critically, or want to</td>
<td>better place, you will gain highly sought-after skills for a huge range of careers – from the</td>
<td>nanoscientist, nutritionist, psychologist, plant geneticist, soil scientist.</td>
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<td>help make the planet a better place, you will gain highly sought-after skills for a</td>
<td>sciences and beyond.</td>
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<td>huge range of careers – from the sciences and beyond.</td>
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<td>You will combine studies from a range of disciplines, undertake advanced coursework,</td>
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<td>and complete a substantial final-year project.</td>
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<td><strong>Assumed knowledge/Prerequisite</strong></td>
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<td>Mathematics or HSC Mathematics Extension 1. All students undertake some study in</td>
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<td>mathematics.</td>
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<td>Other assumed knowledge depends on subjects chosen.</td>
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<td><strong>Prerequisite</strong></td>
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<td>Band 4 in Mathematics (not Mathematics General)</td>
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<td></td>
<td><strong>Career possibilities</strong></td>
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<td>Agricultural scientist, astronomer, biosecurity researcher, ecologist, environmental</td>
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<td>policymaker, food chemistry analyst, hydrologist, investment banker, journalist,</td>
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<td>mathematician, medical scientist, nanoscientist, nutritionist, psychologist, plant</td>
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<td>geneticist, soil scientist.</td>
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<td>The Bachelor of Science/Bachelor of Advanced Studies equips you with the breadth</td>
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<td>and depth of knowledge and the critical analytical skills to pursue an extensive</td>
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<td>range of established and emerging careers. It prepares you for the jobs of the</td>
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<td>future.</td>
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</table>
### B Science/ B Advanced Studies (Dalyell Scholars including Mathematical Sciences) #

**Course description**
As a Dalyell Scholar in the Bachelor of Science/Bachelor of Advanced Studies, you have the opportunity to cultivate scientific expertise alongside the essential critical analytic skills necessary to navigate today’s dynamic world. Your studies throughout the sciences will be complemented by distinctive Dalyell units and enrichment opportunities.

You will combine studies from a range of disciplines, undertake advanced coursework, and complete a substantial final-year project.

Dalyell Scholars have the option of completing a Mathematical Sciences program to combine your interest in mathematics with other areas of science and technology.

**Assumed knowledge/ Prerequisite**
Refer to B Science/B Advanced Studies. A second major must also be taken from these options or from the shared pool. You will also complete a research, community, industry or entrepreneurship project in your fourth year.

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

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

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

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

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

When doing the Bachelor of Science/Bachelor of Advanced Studies (Advanced) you will combine studies from a range of disciplines, undertake advanced coursework, and complete a substantial final-year project.

**Assumed knowledge/ Prerequisite**
Refer to B Science. Majors with advanced units of study include: Anatomy and Histology; Behavioural Sciences; Biochemistry and Molecular Biology; Biology; Cell and Developmental Biology; Chemistry; Computer Science; Data Science; Ecology and Evolutionary Biology; Environmental Studies; Financial Mathematics and Statistics; Food Science; Genetics and Genomics; Geography; Geology and Geophysics; History and Philosophy of Science; Infectious Diseases; Information Systems; Marine Science; Mathematics; Medicinal Chemistry; Microbiology; Neuroscience; Nutrition Science; Physics; Physiology; Plant Production; Qualitative Life Sciences; Software Development; Soil Science and Hydrology; Statistics.

A second major must also be taken from these options or from the shared pool. You will also complete a research, community, industry or entrepreneurship project in your fourth year.

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

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

**Course description**
Whether you dream about being at the forefront of agricultural research, or want to help make the future of food more secure and the planet a better place, a Bachelor of Science and Bachelor of Advanced Studies (Agriculture) will give you highly sought-after skills for a huge range of careers.

This stream requires completion of a program in Agriculture, including a major in Animal Production, Plant Production or Soil Science. A second major must also be taken from those available in B Science or from the shared pool. You will also complete a research, community, industry or entrepreneurship project in your fourth year.

**Assumed knowledge/ Prerequisite**
Mathematics and Chemistry. All students undertake some study in mathematics. Prerequisite Band 4 in Mathematics (not Mathematics General)

**Career possibilities**
Agronomist, sustainable agriculture researcher, plant geneticist, animal reproduction specialist, environmental microbiologist, agricultural journalist, commodities trader, precision soil scientist.
<table>
<thead>
<tr>
<th>Course description</th>
<th>Majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
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</thead>
<tbody>
<tr>
<td><strong>B Science/ B Advanced Studies (Animal and Veterinary Bioscience)</strong></td>
<td>To further your passion for animal biology, the Bachelor of Science and Bachelor of Advanced Studies (Animal and Veterinary Bioscience) will give you fundamental and applied knowledge in animal bioscience. You will acquire a broad overview of both domestic animals and wildlife species, how they interact with their environment, and an integrated comparative knowledge in fields such as applied biotechnologies, reproduction and nutrition. This will be supported by detailed knowledge of animal structure and function and a focus on application of innovative approaches and technologies to enhance animal management and welfare.</td>
<td>This stream requires completion of a program in Animal and Veterinary Bioscience, including an Animal and Veterinary Bioscience major. A second major must also be taken from those available in B Science or from the shared pool. You will also complete a research, community, industry or entrepreneurship project in your fourth year.</td>
<td>Agricultural scientist, animal health and welfare professional, animal ethicist, animal nutritionist, biosecurity researcher, ecologist, environmental policymaker, geneticist, wildlife population manager, veterinarian (with further study in the Doctor of Veterinary Medicine)</td>
</tr>
<tr>
<td>ATAR 80 IB 28</td>
<td>UAC 513945 4 years full time</td>
<td>Dalyell by invitation</td>
<td><strong>B Science/ B Advanced Studies (Food and Agribusiness)</strong></td>
</tr>
<tr>
<td>ATAR 80 IB 28</td>
<td>UAC 513950 4 years full time</td>
<td>Dalyell by invitation</td>
<td><strong>B Science/ B Advanced Studies (Health)</strong></td>
</tr>
<tr>
<td>ATAR 80 IB 28</td>
<td>UAC 513920 4 years full time</td>
<td>Dalyell by invitation</td>
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</tbody>
</table>
## Course description

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

- **ATAR** 90<br>- **IB** 33<br>- **UAC** 513960<br>- **Dalyell by invitation**

### 7 years full time

With the rise of personalised medicine, there is predicted to be an increase in jobs available in the broad medical and health sciences. Whether you want to work at the forefront of medical research or become a doctor or dentist with further study, this degree will give you the essential foundation for a rewarding career improving the health of people and the community.

When doing the Bachelor of Science/Bachelor of Advanced Studies (Medical Science), you will combine studies from a range of disciplines, undertake advanced coursework, and complete a substantial final-year project.

### Course requirements

This stream requires completion of a program in Medical Science, including a Medical Science major. A second major must also be taken from those available in B Science or from the shared pool. You will also complete a research, community, industry or entrepreneurship project in your final year.

### Majors and minors

This course offers majors and minors in fields such as medicine, pharmacy, and related health sciences.

### Assumed knowledge/Prerequisite

**Assumed knowledge**
- Mathematics or HSC Mathematics Extension 1, Chemistry and either Physics or Biology. All students undertake some study in mathematics.

**Prerequisite**
- Band 4 in Mathematics (not Mathematics General)

### Career possibilities

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

## Table: Course description

<table>
<thead>
<tr>
<th>Course</th>
<th>Majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
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</thead>
<tbody>
<tr>
<td><strong>B Science</strong>/B Laws**</td>
<td>Many industries need professionals who can understand and translate complex science and law is one of these. With a Bachelor of Science and Bachelor of Laws, you will graduate with two degrees and a suite of specialist skills that will allow you to carve out a niche in the legal sector. It will prepare you for jobs across patents, intellectual property and even forensics.</td>
<td>Refer to B Science. Please note that the only stream available in this combined degree is the Dalyell stream. Units of study for Law: First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Torts and contracts II, legal research II, public international law, public law. Fourth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property and the legal profession. Final year: Private international law A and seven elective units of study.</td>
<td>Research, education, business, banking and government. Graduates who wish to become legal practitioners complete an accredited program of practical legal training after they have finished the law requirements.</td>
</tr>
<tr>
<td><strong>B Science/D Dental Medicine</strong></td>
<td>This double degree gives you the opportunity to study science before undertaking dentistry. Designed for high school leavers who have achieved outstanding results, you will study a three-year undergraduate science degree, followed by the four-year Doctor of Dental Medicine. With a deeper understanding of the scientific fundamentals that underpin dentistry, you will be better prepared for any career path you choose. This program is delivered by the faculties of Science and Dentistry.</td>
<td>Refer to B Science. All students undertake first-year biology and some units of study in mathematics. As a Dalyell Scholar you will also complete 12 credit points of distinctive Dalyell units designed to cultivate high-level graduate attributes, and a suite of additional enrichment opportunities. For the Doctor of Dental Medicine you will study clinical dentistry, life sciences and a research project.</td>
<td>Private practice, public service hospitals, schools, health departments, defence forces, oral health research, academic careers, and a variety of specialisation options upon completion of professional and research experience.</td>
</tr>
<tr>
<td><strong>B Science/D Medicine</strong></td>
<td>This double degree gives you the opportunity to study science before undertaking medicine. This pathway allows school leavers who have achieved exceptional results to commence a three-year undergraduate science degree followed by the four-year Doctor of Medicine (MD). It gives you a deeper understanding of the scientific fundamentals that underpin medicine, so you will be better prepared for any career in medicine, from specialisation to research and teaching. This program is delivered by the Faculty of Science and the University of Sydney Medical School.</td>
<td>You may elect to complete the Medical Science stream or choose from a wide range of majors from across the sciences. Refer to B Science, B Science (Medical Science) and the course website: sydney.edu.au/courses. During the Bachelor of Science you will complete foundational knowledge units for medicine plus a zero-credit-point subject in Medicine. In the Doctor of Medicine component, practical experience – including contact with patients and observation of the physical aspects of disease – commences in the first year and continues to the final year.</td>
<td>General practitioner or specialist, surgeon, researcher, pharmaceutical industry, management consultancy, teaching, medical administration, medical communication</td>
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<td>Course description</td>
<td>Majors and minors</td>
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<tr>
<td>B Science/ M Nursing</td>
<td>Become a leader in healthcare and nursing. The combined Bachelor of Science and Master of Nursing program cultivates the critical thinking skills and breadth of the sciences, alongside the expertise and experience to become a registered nurse. It provides a wide range of career opportunities across both clinical and non-clinical settings.</td>
<td>Refer to B Science. All students must take some units of study in mathematics. Focus areas for Nursing: acute care, aged care, child and adolescent health, chronic illness, clinical practice, Indigenous health, mental health care and management, pharmacology, physiology, professional practice, social and health policy.</td>
<td>Registered nurse in a range of healthcare settings and settings and able to apply your knowledge of science to health issues such as infectious and non-communicable diseases, infection control, climate change, anatomy, pharmacology and research.</td>
</tr>
<tr>
<td>B Science/ M Nutrition and Dietetics</td>
<td>With a solid foundation in science plus a two-year master’s degree that has full accreditation from the Dietitians Association of Australia, the five-year Bachelor of Science and Master of Nutrition and Dietetics provides the training you need to launch straight into a career in nutrition and dietetics.</td>
<td>For the B Science, you will need to complete a program in Nutrition and Dietetics, including a major in Nutrition Science. For M Nutrition and Dietetics, your studies will include clinical nutrition, nutritional science and public health nutrition. You will also complete a nutrition research project.</td>
<td>Dietitian, nutritional researcher, hospital dietitian, research scientist.</td>
</tr>
<tr>
<td>B Social Work</td>
<td>The internationally recognised Bachelor of Social Work degree prepares you for employment in a complex, diverse and changing field where your capacity to transfer knowledge and skills across contexts is essential. This degree is accredited with the Australian Association of Social Workers (AASW).</td>
<td>Your studies will include psychology, Indigenous Australian studies, social policy and social work, social research, sociology. In first and second year you may choose from the areas listed under B Arts. In third and fourth year, you will undertake a professional program in social work and social policy.</td>
<td>Counsellor, community development worker, youth worker, careers adviser</td>
</tr>
</tbody>
</table>

'B' for 'Bachelor of', 'M' for 'Master of' and 'D' for 'Doctor of'
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<tr>
<th>Course description</th>
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<th>Assumed knowledge/Prerequisite</th>
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<td><strong>B Veterinary Biology/ D Veterinary Medicine</strong></td>
<td>The Bachelor of Veterinary Biology/Doctor of Veterinary Medicine provides you with both a scientific foundation and specialist clinical and medical experience. With its integrated approach designed for understanding real-world situations, the six-year course will turn you into a global professional at the forefront of modern veterinary medicine.</td>
<td>Your studies will include animal behaviour and welfare science, animal diseases and pathology, animal husbandry, cell biology, clinical and professional practice, pharmacology, veterinary anatomy and physiology, veterinary conservation biology, veterinary medicine, veterinary public health and veterinary surgery.</td>
<td>Veterinarian, veterinary geneticist, small animal veterinarian, livestock veterinarian, equine veterinarian, biosecurity researcher, veterinary cardiologist, public health policymaker</td>
</tr>
<tr>
<td><strong>B Visual Arts</strong></td>
<td>The Bachelor of Visual Arts is a hands-on degree focused on developing the conceptual, theoretical and technical skills you need to succeed as a practising artist or in a range of careers in the creative industries.</td>
<td>A range of specialisations are available. You may also take electives from the Faculty of Arts and Social Sciences, the University of Sydney School of Architecture, Design and Planning, the Sydney Conservatorium of Music and the University of Sydney Business School or a minor or major from the shared pool.</td>
<td>Advertising creative, artist, arts writer, curator, digital artist, educator (with further tertiary qualifications), filmmaker, product designer, painter, exhibition designer, illustrator, sound artist, web and multimedia designer</td>
</tr>
<tr>
<td><strong>B Visual Arts/ B Advanced Studies</strong></td>
<td>This is a combined degree in which you will complete one of the Bachelor of Visual Arts' hands-on studio specialisations and undertake a substantial final-year project. You will also complete a major in a distinct subject area, creating a study profile that reflects your expertise in a range of disciplines.</td>
<td>A range of specialisations are available. You will also take a major from the shared pool and complete a research, community, industry or entrepreneurship project in your fourth year.</td>
<td>Advertising creative, creative director, innovation manager, cultural officer/program manager, curator, arts journalist, film producer/maker, digital producer, educator (with further tertiary qualifications), web and interaction designer, commercial art director</td>
</tr>
<tr>
<td><strong>Dip of Arts</strong></td>
<td>The Diploma of Arts is designed for candidates who have already completed a bachelor's degree in a different field. It gives you an academic foundation in the humanities, allowing you to progress to further postgraduate study in your chosen field. An arts qualification is ideal for those who wish to develop personal and professional skills as a basis for employment or as a foundation for postgraduate study.</td>
<td>You will complete one major from the following subject areas: American studies, ancient history, archaeology, art history, Asian studies, Biblical studies and classical Hebrew, cultural studies, digital cultures, English, European studies, film studies, gender studies, history, indigenous studies, international comparative literary studies, Jewish civilization, thought and culture, linguistics, music, philosophy, studies in religion, theatre and performance studies.</td>
<td>A pathway to honours and postgraduate studies in the arts</td>
</tr>
<tr>
<td><strong>Dip of Language Studies</strong></td>
<td>The Diploma of Language Studies is a flexible pathway program designed to offer you the opportunity to study a language alongside your undergraduate degree. The program allows students from any faculty the opportunity to study one of the 13 diverse languages that we offer.</td>
<td>You will complete one major from the following language subject areas: ancient Greek, Arabic language and cultures, Chinese studies, French and Francophone studies, Germanic studies, Hebrew (modern), Indonesian studies, Italian studies, Japanese studies, Korean studies, Latin, modern Greek studies, Spanish and Latin American studies.</td>
<td>Career opportunities depend on the area of study undertaken. A diploma is often a springboard to a postgraduate degree or a way of focusing your study in a particular area by doing a short course.</td>
</tr>
<tr>
<td><strong>Dip of Social Sciences</strong></td>
<td>The Diploma of Social Sciences is designed for candidates who have already completed a bachelor's degree. It gives you an academic foundation in the social sciences, allowing you to progress to an honours year or further postgraduate study in your chosen field.</td>
<td>You will complete one major from the following subject areas: anthropology, international relations, political economy, politics, socio-legal studies, sociology, social policy.</td>
<td>A pathway to honours and postgraduate studies in the social sciences</td>
</tr>
</tbody>
</table>
Please note that the entry requirements published here are a guide only and are subject to change. Entry requirements vary from year to year and the entry scores shown here will not necessarily result in an offer of a place.

Additional requirements may also apply for some courses. For more information, please visit
- sydney.edu.au/courses

This is not a comprehensive list of high school qualifications accepted by the University. For a full list, visit
- sydney.edu.au/ug-int-qualifications

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


Key to the table

A+C
Combination of ATAR (or equivalent score) plus additional selection criteria (e.g., portfolio, audition, interview). Check the details for your specific degree at:
- sydney.edu.au/courses

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

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

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

‡ Dalyell Scholars courses (by application)
Entry to these Dalyell Scholars courses is by application. Several other courses can be studied through the Dalyell Scholars program by invitation only. For a full list of courses available through the Dalyell Scholars program, see page 13.

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

The double degree Dentistry program is expected to have a minimum ATAR of 99.5 or equivalent for domestic and international applicants.

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

Admission criteria and application processes for these courses are subject to change without notice. Check the specific course on our website for more information.
- sydney.edu.au/courses

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

The Sciences Po program requires a total of four years of full-time study to be eligible for two separate awards from Sciences Po and the University of Sydney.

During years 1-2, students will enrol at Sciences Po, France and pay the applicable fee direct to Sciences Po.

During years 3-4, students enrol in the applicable Sydney degree (international students enrol in the applicable CRICOS-registered Sydney degree), with eligible transfer credits for studies undertaken at Sciences Po. Students will pay the applicable Sydney fee in years 3-4 to the University of Sydney.

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

Is university available to everyone?
Our students come from a wide variety of schools and backgrounds, and our range of scholarships reflect this diversity. We believe your potential to do well at university is not defined by your background or where you come from.

Can I get a scholarship?
Some of our scholarships are specifically for students who have just finished Year 12 or TAFE. Others are for elite athletes, Aboriginal or Torres Strait Islander people or students from remote or rural backgrounds.

Come along to our Scholarships Information Evening on 20 June 2017 or talk to your careers adviser at school to learn more about applying for a scholarship and how to write a good application.

What does university cost?
All domestic undergraduate students are offered a Commonwealth-supported place. This means your course fees will be subsidised by the Australian Government. You pay the remainder – called a ‘student contribution’, which varies depending on the course and the calendar year of study.

Australian citizens can pay the student contribution upfront in full, or obtain a full (or part) HECS-HELP loan, which you start repaying when your income exceeds a certain amount (in 2017, it is $54,868).

What other costs will I need to pay?
In addition to the student contribution amount, you will need to pay the Student Services and Amenities (SSA) yearly fee (in 2017, it is $294).

You may also need to budget for some course-related costs such as equipment, specialised clothing, readers and textbooks, and living costs such as rent, food, phone, power, travel and entertainment.

We offer a bursary scheme, one of the most generous in Australia, to eligible first-year students who are having difficulty paying for their study and living expenses, but are making satisfactory academic progress.

− sydney.edu.au/scholarships
− sydney.edu.au/financial-assistance
WHAT IF I DON’T ACHIEVE THE ATAR I NEED?

Achieving a certain Australian Tertiary Admission Rank (ATAR) isn’t the only way to get into your preferred course at the University of Sydney. We also offer alternative pathway schemes that consider other factors alongside your academic results.

Our alternative pathway schemes allow us to see more about you than your high school results. This might include your extracurricular activities, community involvement, whether you had some kind of disadvantage during your time at high school, or if you want to come back to uni after some time away.

Our alternative pathway schemes include:
- Early Offer Year 12 (E12)
- Future Leaders Scheme
- Broadway Scheme
- Cadigal Alternative Entry Program
- Elite Athletes and Performers Scheme
- Special Consideration for Admission Scheme.

For more information, please visit:
- sydney.edu.au/alternative-pathways

What if I don’t qualify for any of these schemes? If you don’t gain an offer for your preferred course, you can apply for a related course with a slightly lower ATAR and then apply to transfer after one year of full-time study. This means your university results, and/or your ATAR, are taken into account for admission.

Another option is to complete an undergraduate degree then apply for a postgraduate degree to pursue a field of interest. For example, if you are unsuccessful in gaining entry into Combined Law, you may apply to pursue a postgraduate law degree after completing your undergraduate degree.
Join us on Saturday 26 August 2017 and get immersed in campus life for a day.

sydney.edu.au/open-day