

**The world**

**needs**

**U**

# It takes someone like you

The world is changing, and now, more than ever, it needs people who want to make a difference. You may not know what, how or why yet, but you know you're here for a reason.

If your passion is connected to a purpose, if you believe that doing makes the thinking stronger, if you're hungry for change and value original thinking, then you're the person the world needs.

**Discover the difference you can make, with UNSW Sydney.**

## **UNSW is on Aboriginal land.**

UNSW acknowledges the Bedegal, Gadigal and Ngunnawal people who are the Traditional Custodians of the land upon which our campuses stand.

➤ Visit UNSW online, [unsw.edu.au/study](https://unsw.edu.au/study)





# Choosing the right degree starts here

Turn your interests into world-changing ideas at UNSW. Regardless of what you want to study, you'll build the skills, experience, knowledge and connections to bring your ideas to reality. Get inspired to create the best version of your future self, use this guide as your starting point.

## > Let your interests guide you

It's ok if you don't know what to study. We can suggest degrees broadly based on things that interest you like being creative, protecting the environment, and working with digital technologies. Go to **page 10** for inspiration.

## > Explore the different study areas

If you already know what you're good at and what you enjoy, see the degrees available in these areas:

Arts, Design & Architecture	p12
Business	p30
Engineering	p38
Law & Justice	p50
Medicine & Health	p58
Science	p66

## > Be supported along your path

From applying to study to starting your career, our people, values and experiences will guide you to become your best:

Discover your potential	p6
Plan for your future career	p8
See all the degrees	p84
How to preference and apply	p88
Strengthen your application	p90
Meet the entry requirements	p92
Experience more at UNSW	p94
Come to events	p96

# Discover your potential

From social clubs to the classrooms, you'll uncover your strengths through life-changing experiences and inspirational mentoring from renowned academics.

Now, more than ever, the world needs people committed to making a difference. People ready to explore, question, research, challenge and lead.

Join us as we focus on making a real-world impact. We've committed to using solar power and cutting investment from fossil fuel companies. We destroy barriers against physical abilities, cultural backgrounds and gender identities. Our research improves people's lives worldwide.



**Top 50**  
Ranked 44<sup>th</sup> university globally  
QS World University Rankings, 2021



**A Group of  
Eight university**  
UNSW is a member of the prestigious coalition of Australia's leading research-intensive universities



**Top earners**  
Highest graduate median salary of Sydney-based and Go8 universities  
QILT Graduate Outcome Survey, 2020



**Most employable graduates**  
Highest number of students in Australia's top 100 Most Employable list  
AFR Top100 Future Leaders Awards, 2020



**#1 for full-time employment**  
Highest graduate full-time employment rate of Sydney-based and Go8 universities  
QILT Graduate Outcome Survey, 2020



**Young Rich Listers**  
UNSW educated four of the top 5 young rich listers in Australia  
AFR Young Rich List, 2019



**World-leading research**  
Excellence in Research in Australia Report & National Engagement and Impact Assessment, 2018/19



**Most responsible**  
#1 University for meeting the UN's Sustainable Development Goal for Responsible Consumption and Production  
Times Higher Education University Impact Rankings, 2020



**#1**  
Institution attended by Australian startup founders  
Startup Muster, 2018

To prepare for your future, plan to set yourself up for success. At UNSW, we are incredibly proud of the recognised career outcomes for our students, with more of our graduates finding employment and earning higher salaries than any other Sydney-based or Go8 university.

The combination of your ambition and our expertise won't just help shape your future, it can help you to create a positive impact and make a difference. The world needs dreamers, explorers, researchers, leaders and thinkers.

**The world needs U**



# Turn your ambition into a career

Anyone can have ideas. Not everyone will realise them. The future might seem ages away, but when you know how to prepare for and recognise opportunities, you'll be best placed to seize every good thing that comes your way.



## We will help bring your ideas to life with new career-building skills.



### Develop your flexible, lifelong career plan

From day one, you can turn to our experts for professional advice and learn how to grab opportunities throughout your career.

We will help you:

- Recognise and build upon your professional strengths
- Identify your opportunities and plan a career path
- Think critically and creatively for lifelong career success



### Connect with mentors to support your success

It's who you know! With professional development woven into your studies you'll be inspired by influential people and future employers. Take advantage of:

- Personalised career mentoring that offers connections, support and insights
- Introductions to exciting companies at industry networking events
- Internships and experiences that build your confidence and reputation



### Make an impact with employers

Your knowledge, skills and experience combine to demonstrate why a company should hire you or invest in your idea. We can guide you on how to express your professional best with:

- Internships and practical experiences integrated with your studies
- Strong online presence, resumé and cover letter writing skills
- The ability to understand and respond to complex interview questions

## > You can make this happen

**UNSW Careers** supports you with expert personalised career planning, mentoring, and job-seeking skill development.

Visit [careers.unsw.edu.au](https://careers.unsw.edu.au)

**Work Integrated Learning** at UNSW builds practical work experience opportunities like internships into your degree.

Visit [wil.unsw.edu.au](https://wil.unsw.edu.au)

**UNSW Founders** develops lifelong career adaptability through creativity and collaboration on your own startup projects.

Visit [founders.unsw.edu.au](https://founders.unsw.edu.au)

# Let your interests guide you

As you're considering the degree choices available, let your interests guide you. We have hundreds of different degree and double degree combinations that will prepare you to tackle challenges and make an impact, no matter which direction you choose. So, you can unlock the unique path to your future with confidence.

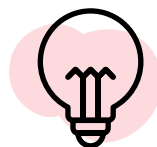
## Step 1

Think about what's most important to you in these areas of interest:



### Data

Find insights hidden in numbers and calculations which could solve some of the greatest problems facing our world today.



### Creativity

Innovate with new solutions – be they products, services, buildings, insightful artworks or powerful stories.



### Environment

Understand and protect what is most vital for our survival: there is no Plan(et) B.



### Social Progress

Create a world with equality, fairness and justice woven into every thread of our social fabric.



### Business Progress

Make the decisions that lead social and environmental accountability in the influential world of business.









### Health & Wellbeing

Have a real impact on individual lives and our collective society by supporting healthy bodies and minds.

## Step 2

Find your interests in the table below and see how they match up with our most popular degrees.

### Popular UNSW degrees

	Page	Data 	Creativity 	Environment 	Business Progress 	Social Progress 	Health & Wellbeing 
<b>Arts</b> Hone your interests and dive into the social sciences, arts and humanities fields you're compelled by. Bring your passion for culture and activism.	16		•		•	•	•
<b>Architectural Studies</b> Design with purpose. Bring ideas together to solve challenges for individuals, communities and the environment. Build on your design and model-making skills.	23		•	•	•	•	•
<b>Design</b> Look at the issues from your unique perspective. Question the status quo and defend your ideas. Bring your sharp eye and appreciation for form.	23	•	•	•	•		
<b>Commerce</b> Don't dream about success – work for it. The value of an idea is in how you put it to use. Bring your knack for problem-solving and innovation.	34	•	•		•	•	
<b>Engineering</b> Take a hands-on approach to design. Build tangible solutions for the good of people and the environment. Put your maths and tech skills to excellent use.	42	•		•		•	•
<b>Law</b> Fight the good fight. Sharpen your thinking, debate tomorrow's big challenges and seek justice for all. Apply your love of social science, history, debate and English.	55	•		•	•	•	
<b>Exercise Physiology</b> Explore a holistic way of improving life for all through rehabilitation, exercise and sports science. Complement your sport skills for the good of your community.	63				•	•	•
<b>Science</b> Discover new possibilities. Explore different disciplines as great discoveries are made where paths merge. Upgrade your math skills with research and experimentation.	70	•		•		•	•



# Arts, Design & Architecture

Thrive in an open, supportive and inclusive community where you'll push the boundaries on how we think about people, place and culture. Develop unique, career-ready skills and work together to create real-life solutions.



With more than 40 disciplines ranging across the arts, built environment, design, education, humanities, media and social sciences to choose from, you'll not only become a problem-solver but a problem seeker who understands the complexity of today's world. You'll develop the creativity and critical thinking skills to confidently pursue the life you want.



Our community will support your career success as much as your academic performance. Take inspiration from and connect with our leading practitioners, makers and thinkers. You'll earn the trust and recognition of future employers with our real-world professional experiences from a choice of thousands of industry partners.



We're a vibrant faculty where you'll immerse yourself in diverse communities and a busy calendar of events and opportunities. Our inclusive spaces encourage relationships that will empower you to thrive, personally and professionally. Best of all, you'll feel supported and inspired by students – past and present – and the learning community around you.



For more information, visit [ada.unsw.edu.au](http://ada.unsw.edu.au)



Rochelle Haley, *Marquetry Score* 2018.  
Installation view: UNSW Galleries.  
Performer: Angela Goh. Photograph:  
Siversalt. Image courtesy of the artist.





## Authentic experience

We're dedicated to helping you shape a uni experience that aligns with your values and goals. We'll listen to and work with you, supporting you to expand your opportunities through our community, campus life and hands-on experiences. We invest in facilities across our entire range of disciplines to ensure you learn, explore and create with the same tools you'll use as a professional.

Build your professional confidence and bring ideas to life in our purpose-built facilities. These include:

### Paddington Campus

Our renowned Art & Design campus has creative community at its heart. It's home to an unmatched array of studio, workshop and gallery spaces, as well as state-of-the-art digital production technology.

### Design Futures Lab

Purpose-built to inspire exploration and innovation in architecture, design and the built environment using emerging technologies.

### Esme Timbery Creative Practice Lab

Our multi-arts production and performance hub contains the latest digital production technology to facilitate creative collaboration across media and the arts.

## Industry experience and career connections

Your career success is as important to us as your academic performance. We take the time to understand your goals, connect you with the right people and organise practical industry experience.

### Work Integrated Learning

Get real-world experience and industry connections as part of your degree. Our dedicated Work Integrated Learning team will work with you to find the right professional placements and internships.

### Industry networks

Get invaluable hands-on experience while you study. Take advantage of our links to thousands of industry partners.

### Career Ready Mentoring Program

In your final year, this program will connect you with leading professionals in your field who will support your career development as you transition into work.

### Launch a career with difference

UNSW graduates succeed. They're earning the highest median salaries of Sydney-based and Go8 universities\*. Many are making contributions to the world's most admired enterprises and organisations. Others are disrupting the status quo, launching brands and startups that make a real difference.

Build the foundations of a career that you're passionate about with support from our diverse, experienced and innovative community.

## Global perspective for global challenges

Our future challenges go beyond borders and international experience is embedded into our culture. You'll build a global network, supported by a diverse community of students, staff and alumni from around the world.

Experience an exchange, internship, international studio or overseas project within your new network, which includes more than 300 UNSW partner universities worldwide.

## Portfolio Entry – boost your application

Our community thrives on diverse talents and everyone expresses creative potential in different ways. That's why many of our degrees offer you the opportunity to submit a portfolio of your best creative work alongside your application.

Portfolio Entry is an easy online process and can only boost your chances of admission. To find out more, visit [unsw.to/portfolio](https://unsw.to/portfolio).

\*2020 QILT Graduate Outcomes Survey





# Arts and Social Sciences

## Bachelor of Arts

**Program code** 3409

**Duration** 3 years (+ 1 year Honours option)

**2021 lowest selection rank**<sup>1</sup> 80.00

**2021 lowest ATAR**<sup>2</sup> 66.40\*

**Assumed knowledge** None

**Structure**

Major (10 courses)

+

Minor (4 courses)

+

Electives & General Education (10 courses)

OR

Major (10 courses)

+

Major (10 courses)

+

Electives & General Education (4 courses)

**Minors**

The following subject areas are only available as Minors.

- Art History and Theory
- Australian Studies
- Geography (Science)
- Indonesian Studies

- Italian Studies
- Modern Greek Studies
- Psychology (Science)
- Gender Studies

**Shape your degree around your interests and gain in-depth knowledge in the fields you're passionate about with our flexible and rigorous Bachelor of Arts degree. With over 35 subject areas to choose from, you'll interrogate the complexities facing today's world and be equipped with a career-ready skill set so you can channel your passion into action and make a genuine impact on society.**

**Majors**

The following subject areas are also available as Minors.

- Asian Studies
- Chinese Studies
- Creative Writing
- Criminology (Law)
- Economics (Business)
- English
- Environmental Humanities
- European Studies
- Film Studies
- French Studies
- Geographical Studies
- German Studies
- Global Development
- History
- Human Resource Management (Business)
- Indigenous Studies (Nura Gili)

- International Business (Business)
- Japanese Studies
- Korean Studies
- Linguistics
- Media, Culture and Technology
- Music Studies
- Philosophy
- Politics and International Relations
- Spanish and Latin American Studies
- Sociology and Anthropology
- Studies in Psychology (Science)
- Theatre and Performance Studies

\* The Lowest ATAR to which an offer was made, for this program, is based on a UNSW Gateway Early Conditional Offer.

## Bachelor of Arts and Business

**Program code** 3444

**Duration** 3 years (+1 year Honours option)

**2021 lowest selection rank**<sup>1</sup> 85.00

**2021 lowest ATAR**<sup>2</sup> 75.45

**Assumed knowledge** Mathematics Advanced

**Structure**

Major (10 courses)

+

Business Component (8 courses)

+

Minor (4 courses)

+

Electives (2 courses)

**Minors**

The following subject areas are only available as Minors.

- Art History and Theory
- Australian Studies
- Indonesian Studies
- Italian Studies

- Modern Greek Studies
- Studies in Psychology (Science)
- Gender Studies

**Learn to think critically, creatively and strategically while gaining expertise in key areas of business studies including marketing, management and business law. This broad knowledge and skill base will give you a unique advantage as you enter the professional world, where diverse interdisciplinary skills are increasingly in demand. Combine your passion for the arts, social sciences and humanities with an understanding of business in this unique degree.**

**Majors**

The following subject areas are also available as Minors.

- Asian Studies
- Chinese Studies
- Creative Writing
- Criminology (Law)
- English
- Environmental Humanities
- European Studies
- Film Studies
- French Studies
- Geographical Studies
- German Studies
- Global Development
- History
- Indigenous Studies (Nura Gili)

- Japanese Studies
- Korean Studies
- Linguistics
- Media, Culture and Technology
- Music Studies
- Philosophy
- Politics and International Relations
- Sociology and Anthropology
- Spanish and Latin American Studies
- Theatre and Performance Studies

**Business component**

- Business Decision Making
- Financial Management
- Global Business Environments
- Organisational Resources

\*Additional electives available in Business, Law, Marketing and/or Management

**Career opportunities**

Gain the tools you need to work in business consulting, management, marketing and strategy roles in a range of industries and organisations. Your choice of major will help to shape your career options. Our graduates succeed in various careers through their understanding of business as well as human culture and society.

**Double degree options**

- Law

# Bachelor of International Studies

**Program code** 3447

**Duration** 4 years

**2021 lowest selection rank**<sup>1</sup> 85.00

**2021 lowest ATAR**<sup>2</sup> 72.45\*

**Assumed knowledge** None

**Structure**

International Studies Core (4 courses)

+

Language Studies Core (4 courses)

+

Regional and Specialist Electives (4 courses)

+

Minor (4 courses)

+

Electives & General Education (8 courses)

+

Overseas Study Program

**Minors**

Your choice of minor:

- Asian Studies
- Chinese Studies
- Environmental Humanities
- European Studies
- French Studies
- German Studies
- Global Development
- International Business (Business)

- Japanese Studies
- Korean Studies
- Politics and International Relations
- Sociology and Anthropology
- Spanish and Latin American Studies

**Critically examine how the world is changing around you with a focus on exploring contemporary global issues from a variety of different perspectives including international relations, foreign affairs, human rights and foreign policy. Our degree responds to a growing demand for graduates who are equipped to meet the challenges of a rapidly changing global environment including language proficiency, intellectual flexibility and interpersonal skills. You will also learn through experience by undertaking a year long Overseas Study Program in your third year.**

**Majors**

- International Studies
- Language Studies
- International Business (Optional)

**Language studies**

Your choice of language stream:

- Chinese
- French
- German
- Greek
- Indonesian

- Italian
- Japanese
- Korean
- Spanish

**International studies core**

Core courses will provide a grounding in world events, specialist regional knowledge and career-enhancing electives.

**Overseas Study Program**

The Overseas Study Program is a unique way for students to experience new cultures, build new skills and networks, and form lasting friendships.

\* The Lowest ATAR to which an offer was made, for this program, is based on a UNSW Gateway Early Conditional Offer.

## Bachelor of Politics, Philosophy and Economics

**Program code** 3478

**Duration** 3 years (+ 1 year Honours option)

**2021 lowest selection rank**<sup>1</sup> 90.00

**2021 lowest ATAR**<sup>2</sup> 79.60

**Assumed knowledge** Mathematics Advanced

**Structure**

Core (16 courses)

+

Prescribed Electives (6 courses)

+

Free Electives (2 courses)

**Minors**

Your choice of minor:

- Asian Studies
- Chinese Studies
- Environmental Humanities
- European Studies
- French Studies
- German Studies
- Global Development
- International Business (Business)

- Japanese Studies
- Korean Studies
- Politics and International Relations
- Sociology and Anthropology
- Spanish and Latin American Studies

**Explore current global issues in this exciting degree which draws together perspectives of three critical yet varied disciplines. UNSW is the only university in Sydney and one of a handful in Australia to offer this degree, which prepares you to make social change on a global scale. You'll be taught by leading experts from UNSW Arts, Design & Architecture and UNSW Business School and make valuable local, regional and global contacts through hands-on learning opportunities.**

**Majors**

- Economics
- Philosophy
- Politics and International Relations
- Politics, Philosophy and Economics

**Career opportunities**

See yourself working in industries worldwide including government agencies (including foreign affairs), political parties and lobby groups, public services, NGOs and social activist organisations. The Bachelor of Politics, Philosophy and Economics is a world-renowned degree that carries considerable recognition among various organisations and potential employers. Graduates become globally recognised leaders and commentators in all aspects of public life.

**Double degree options**

- Law



Bachelor of Social Science

<b>Program code</b> 3321	<b>Gain the skills you need to impact policy, drive social change and make a real difference in the world. As a social scientist, you will learn and develop the knowledge and skills to analyse, challenge and gain insight into complex social, environmental and political problems. As part of your degree you will apply your knowledge of social theory and research to a practical Work Integrated Learning experience and discover firsthand what it is like working in the field of social science.</b>	<b>Career opportunities</b> Social science skills can be applied in a range of settings – government, non-government, not-for-profit, social enterprise and collectives. Our graduates are highly successful in gaining employment in diverse roles and areas such as community development, health, the environment, research and policy analysis, political advising, organisational management, marketing and market research, corporate affairs management and private consulting.
<b>Duration</b> 3 years (+ 1 year Honours option)		
<b>2021 lowest selection rank</b> <sup>1</sup> 80.00		
<b>2021 lowest ATAR</b> <sup>2</sup> 73.60		
<b>Assumed knowledge</b> None		

**Structure**  
Core (9 courses)  
+  
Major (10 courses)  
+  
Electives & General Education (5 courses)

- Majors**
- Economics (Business)
  - Environmental Humanities
  - Global Development
  - Human Resource Management (Business)
  - Indigenous Studies
  - International Business (Business)
  - Marketing (Business)
  - Media, Culture and Technology
  - Politics and International Relations
  - Sociology and Anthropology

- Double degree options**
- Advanced Science (Hons)
  - Law
  - Science
  - Social Work (Hons)

Creative Arts and Media

Bachelor of Fine Arts

<b>Program code</b> 4821	<b>Develop your creative skills and knowledge with the Bachelor of Fine Arts. Taught by our internationally-recognised staff of artists and scholars, you'll develop your independent artistic practice in a rigorous and supportive community of artists and thinkers. Two distinct majors are available allowing you to focus on Studio Practice or Art Theory.</b>	<b>Double degree options</b> <ul style="list-style-type: none"><li>• Arts</li><li>• Advanced Science (Hons)</li><li>• Commerce</li><li>• Education (Secondary)</li><li>• Law</li><li>• Science</li></ul>
<b>Duration</b> 3 years (+ 1 year Honours option)		
<b>2021 lowest selection rank</b> <sup>1</sup> 80.00		
<b>2021 lowest ATAR</b> <sup>2</sup> 65.05*		
<b>Assumed knowledge</b> Visual Arts		
<b>Campus</b> Paddington		

Studio Practice Major

**Structure**  
Core Studio (6 courses)  
+  
Studio Specialisation (6 courses)  
+  
History & Theory (4 courses)  
+  
Electives & General Education (8 courses)

**Studio specialisations**  
Choose two of the following disciplines to specialise in:

- Drawing** | Learn the formal, material and conceptual possibilities of contemporary drawing practice.
- Painting** | Engage with painting as a formal, material and conceptual practice.
- Printmaking** | Gain diverse technical skills across etching, lithography, relief-printing, screen-printing and digital imaging.
- Photography** | Develop diverse and transferable photographic skills across digital and analogue processes.
- Sculpture** | Engage with sculptural, spatial and social possibilities of contemporary art.
- Moving Image** | Explore contemporary approaches to video art, short film, audio-visual composition and installation.

**Career opportunities**  
Gain specialist skills to work in contemporary art practice including commercial gallery representation, public funding and commissioned work, art direction and advertising, arts and cultural administration and policymaking, arts education and training, arts writing and publishing, commercial and news photography, curating and artistic program management, exhibition planning, design and installation, entertainment, digital media and technology industries, film and television production, site activation and public art.

\* The Lowest ATAR to which an offer was made, for this program, is based on a UNSW Gateway Early Conditional Offer.

Art Theory Major

**Structure**  
Core (6 courses)  
+  
Art Theory Major (10 courses)  
+  
Electives & General Education (8 courses)

- Study themes**
- Art and Embodiment
  - Art and Institutions
  - Art, Science, and Technology
  - Local and Global Art

**Career opportunities**  
You'll have the flexibility to work in a broad range of creative industry roles including arts and cultural management, policymaking and administration, galleries, libraries, archives and museums, creative direction, planning and production, art and design criticism, communications and journalism, cultural and creative research and scholarship, multi-platform publishing and distribution, curatorship, festival and event management, design thinking and management, public programming and engagement, entrepreneurship, strategy, creative social enterprise and startups.

UNSW Galleries, Paddington campus







Interactive Media Lab, Paddington campus

# Bachelor of Media Arts

**Program code** 4813

**Duration** 3 years  
(+ 1 year Honours option)

**2021 lowest selection rank<sup>1</sup>** 80.00

**2021 lowest ATAR<sup>2</sup>** 66.30\*

**Assumed knowledge** None

**Campus** Paddington

**Structure**

Core Studio (4 courses)  
+ Studio Specialisation (6 courses)  
+ History & Theory (4 courses)  
+ Professional Practice/Experience (2 courses)  
+ Electives & General Education (8 courses)

**Career opportunities**

Our graduates are equipped with the creative and practical skills to pursue a career in a range of media industries including animation design and production, online and mobile media, user experience and related environments, game development and production, digital publishing, advertising and communications, digital strategy, film and television production, multi-platform media development and production, sound design, composition and production, scientific imaging and visualisation, media strategy and planning, entrepreneurship, innovation and media startups.

**Double degree options**

- Computer Science
- Education (Secondary)

**This ground-breaking degree responds to an industry demand for creative practitioners who can work across a range of emerging media technologies. You will be taught by accomplished, active media artists, producers and theorists, creating your work in some of the world's best labs and studios.**

**Studio specialisations**

Choose two of the following disciplines to specialise in:

**Animation** | Develop skills and knowledge across contemporary animation processes.

**Visual Effects** | Explore contemporary potentials of visual effects from compositing to CG integration.

**Moving Image** | Explore contemporary approaches to video art, short film, audio-visual composition and installation.

**3D Visualisation** | Delve into the computer-generated world learning key technologies such as virtual reality systems.

**Sound** | Create media artworks using sound-based techniques and processes in studio and acoustic environments.

\* The Lowest ATAR to which an offer was made, for this program, is based on a UNSW Gateway Early Conditional Offer.

# Bachelor of Media

## Communication and Journalism

**Program code** 3454

**Duration** 3 years  
(+ 1 year Honours option)

**2021 lowest selection rank<sup>1</sup>** 80.00

**2021 lowest ATAR<sup>2</sup>** 74.00

**Assumed knowledge** None

Reimagine the contemporary media landscape and learn to find and write news stories across digital media, print, news, public relations and marketing platforms. Our strong industry links mean you will have the opportunity to gain real-world experience throughout your degree and a competitive edge in a fast-evolving industry. You will learn how to work quickly and intelligently, without sacrificing integrity.

**Career opportunities**

Our graduates have been highly successful in forging careers in major media institutions as well as with cutting-edge innovators in both Australia and overseas. They can be found working in journalism, publishing, public relations and advertising, corporate, organisational and public sector communications, internal communications, media relations and social media strategy, digital media, digital marketing and website content management.

**Majors**

- Media
- Communication
- Journalism

**Double degree options**

- Arts
- International Studies
- Law
- Music

**Structure**

Media Core (6 courses)  
+ Specialist Core\* (10 courses)  
+ Optional Minor (4 courses)  
+ Electives (4 courses)  
+ Internship/Portfolio  
\*depending on which media degree you study

## Public Relations and Advertising

**Program code** 3453

**Duration** 3 years  
(+ 1 year Honours option)

**2021 lowest selection rank<sup>1</sup>** 80.00

**2021 lowest ATAR<sup>2</sup>** 72.50

**Assumed knowledge** None

Gain detailed knowledge of public relations and advertising practices and get the skills you need to reimagine and direct the future of the media industry. You'll develop practical and strategic communication skills including creativity, analytics and client management, and build industry connections that will give you a professional advantage in the complex media environment. Our graduates have the skills and knowledge required to represent and support the interests of companies (for profit or not-for-profit), government agencies, individual clients and brands.

**Career opportunities**

Our graduates have advanced skills and knowledge relevant to public relations, advertising, media relations and organisational communication in corporate, political and non-profit organisations, corporate affairs and social media strategy. They can be found working in a variety of PR, advertising and media industries across the globe.

**Majors**

- Media
- Advertising
- Public Relations

**Double degree options**

- Arts
- Commerce
- Design
- International Studies
- Law
- Music



Before starting uni I was looking at future careers and the world of media seemed the right choice for me. The Bachelor of Media in Communication and Journalism allowed me to study what I'm passionate about - engaging, observing and writing about events and people's experiences. The internship I completed during my degree gave me the confidence and connections I needed to secure my first job in the industry.

Claire Keenan, Bachelor of Media (Communication and Journalism)

## Screen and Sound Production

**Program code** 3438

**Duration** 3 years  
(+ 1 year Honours option)

**2021 lowest selection rank<sup>1</sup>** 80.00

**2021 lowest ATAR<sup>2</sup>** 73.25

**Assumed knowledge** None

Develop both your conceptual and practical production skills so you can creatively and effectively harness technology to shape the world you want to see. Work with a variety of media forms, and gain core knowledge in film and media history and theory, as well as applied skills in interactive design, animation, video and sound production. You will be taught by industry experienced animators, filmmakers, script writers, sound artists and games researchers as you prepare for your career in digital production, animation, film or online gaming.

**Career opportunities**

With their practical, creative and conceptual skills in screen and sound-based media, and a sophisticated understanding of the contemporary industry environment, our graduates have pursued successful careers in television and film production, sound and music design, editing, screenwriting, film criticism and research.

**Majors**

- Media
- Screen and Sound Production
- Film Studies

**Double degree options**

- Arts
- International Studies
- Law
- Music



Bachelor of Music

**Program code** 3436

**Duration** 4 years (embedded Honours option)

**2021 lowest selection rank**<sup>1</sup> 80.00 + audition

**2021 lowest ATAR**<sup>2</sup> 70.10

**Assumed knowledge**  
Applicants are expected to have reached the level of at least Grade 7 AMEB Performance (or equivalent) and Music 2; or Grade 6 AMEB Musicianship (or equivalent); or HSC Music Extension.

**Structure**  
Music Core including Professional Practice/ Performance and Music Electives (21 courses)  
+  
Music Specialist Stream (3 courses)  
+  
Electives & General Education (8 courses)

Develop your talents in a diverse range of musical genres, as a solo performer, teacher, composer or electronic artist. Ensure your future in the changing world of music by exploring music in interdisciplinary contexts including ethnomusicology, film, production, teaching, gaming and immersive media. Experience a supportive and inspiring environment in which your talent and passion for music will reach their full potential including our state-of-the-art Esme Timbery Creative Practice Lab which has been purpose built to provide a creative and contemporary space in which to hone your talents.

**Music streams**  
Choose one of the following streams to specialise in:

**Music Creative Practice** | Intensive pre-professional training in performance or composition.

**Musicology** | Studies in historical musicology, ethnomusicology and the psychology of music.

**Sonic Arts** | Develop foundational technical, aesthetic and theatrical skills in sound.

**Music Pedagogy** | Specialist study in studio music teaching and preparation for further music education studies.

**Career opportunities**  
Become a highly skilled musician with specialist knowledge in music history, culture and analysis, as well as practical skills in arrangement, composition, performance and production. Our graduates can be found working in performance, private teaching, recording, arts administration, music journalism, arranging and composing.

**Double degree options**

- Advanced Science (Hons)
- Arts
- Commerce
- Education (Secondary)
- Engineering (Hons)
- Law
- Media (Communication & Journalism)
- Media (PR & Advertising)
- Media (Screen & Sound Production)
- Science

**Admission**  
All applicants must complete an audition to gain entry to the Bachelor of Music. Audition information and the online application form can be found on the School of the Arts and Media website at [arts.unsw.edu.au/sam](https://arts.unsw.edu.au/sam)

If you are a student of exceptional musical ability, you may be able to enter directly into Year 2 of the Bachelor of Music. The admission process for the Advanced Entry Scheme builds on top of the existing audition process for the degree and involves the submission of additional documentation and a live audition.

Design and Built Environment

Bachelor of Design

**Program code** 4822

**Duration** 3 years (+ 1 year Honours option)

**2021 lowest selection rank**<sup>1</sup> 80.00

**2021 lowest ATAR**<sup>2</sup> 68.05

**Assumed knowledge**  
Visual Arts

**Campus** Paddington

**Structure**  
Core Studio (6 courses)  
+  
Studio Specialisation (8 courses)  
+  
History & Theory (4 courses)  
+  
Professional Practice/Experience (2 courses)  
+  
Electives & General Education (4 courses)

With a future-focused, studio-based and research-led approach, the Bachelor of Design will equip you with the knowledge and skills to understand how design-led solutions enable people to perform at their best. In this degree you will integrate digital and physical production, critical thinking, emerging technologies, design research and entrepreneurship.

**Studio specialisations**  
Choose two of the following disciplines to specialise in:

**Graphics** | Engage with the manipulation of image and type for applications including publications, visual identity and digital spaces.

**Textiles** | Advance the rich histories of textiles to form an experimental practice in textile design, wearable art, costume and fashion design.

**Object** | Bring together ceramic, furniture and jewellery design to explore materiality, form and practice.

**Interaction** | Learn to design interactive experiences for digital systems, products, websites, environments and services preparing for a career in User Experience (UX).


**3D Visualisation** | Delve into the computer-generated world learning key technologies such as virtual reality systems.

**Experience** | Explore the way people experience and interact with space and design for fields such as exhibitions, events and performing arts.

**Career opportunities**  
Depending on your chosen specialisation, you'll be able to work in range of fields including graphics and digital media, branding and advertising, user experience design, app development, data visualisation and immersive design, furniture and lighting design, film and television production, design for stage and events, design teaching and academia, jewellery design, packaging, illustration and publishing, fashion and costume design.

**Double degree options**

- Commerce
- Education (Secondary)
- Media (PR & Advertising)



I chose my degree because it gave me the chance to combine multiple areas of design and explore the exciting spaces in between. It's given me so much confidence as a professional designer.

—  
**Forough Najarbehbahani,**  
Bachelor of Design

Bachelor of Architectural Studies

**Program code** 3261

**Duration** 3 years (+ 1 year Honours option)

**2021 lowest selection rank**<sup>1</sup> 90.00

**2021 lowest ATAR**<sup>2</sup> 84.70

**Assumed knowledge** None

**Structure**  
Core (11 courses)  
+  
Design Studio (6 courses)  
+  
Interdisciplinary Learning (2 courses, with students from other disciplines)  
+  
Electives & General Education (3 courses)

This degree prepares you for a professional career in architecture and other design-based industries. You will learn to design buildings that meet the needs of communities and individuals, while considering the physical environment, materials and technologies, sustainability, culture and the human experience. This is your launchpad into designing and creating the built environment.

**Career opportunities**  
This degree is the first step to becoming an architect. Following this, you can complete the Master of Architecture and continue the pathway towards becoming a registered Architect. Career opportunities include professional architect or architectural technologist in government, private or commercial practice and multidisciplinary design, architectural consulting, heritage architectural services, spatial design, environmental consultancy, architectural critique, and academic research.

**Study areas**

- Architecture Design Studio
- Climate and Environmental Design
- Communications
- Computer Modelling and BIM
- Drawing and Model Making
- History of Architecture
- Materials and Technologies
- Structures and Construction

**Professional accreditation**  
The Bachelor of Architectural Studies is the undergraduate pathway to the accredited postgraduate Master of Architecture degree which has professional recognition from the NSW Architects Registration Board.





# UNSW-Tongji Double Degree in Architecture

**Program code** 3264

**Duration** 4 years

**2021 lowest selection rank<sup>1</sup>** ATAR + portfolio + interview

**2021 lowest ATAR<sup>2</sup>** N/A

**Assumed knowledge** None

**Progress your architectural career at the global level.** This unique double degree, taught in English at both UNSW and Shanghai's Tongji University, prepares you for professional practice in both Australia and China. On completion you will be eligible to apply for postgraduate studies in Architecture at either university.

- Computer Modelling and BIM
- Drawing and Model Making
- History of Architecture
- Materials and Technologies
- Structures and Construction

**Professional accreditation**

The UNSW-Tongji Double Degree in Architecture is an undergraduate pathway to the accredited postgraduate Master of Architecture degree which has professional recognition from the NSW Architects Registration Board.

**Entry**

Students commence this double degree at Tongji University. The Tongji academic year commences in September. For more information on Tongji Double Degree entry see [be.unsw.edu.au/tongji](http://be.unsw.edu.au/tongji)

**Structure**

3 Semesters at Tongji University  
+  
6 Terms at UNSW Sydney  
+  
1 Semester at Tongji University

**Career opportunities**

This degree prepares you for work in both China and Australia. Upon completion of an accredited Master's degree, you'll be ready to pursue careers as a professional architect in government, private or commercial practice and multidisciplinary design, architectural consulting, building science and architectural or environmental consultancy.

**Study areas**

- Architecture Design Studio
- Climate and Environmental Design
- Communications

# Bachelor of Interior Architecture (Honours)

**Program code** 3256

**Duration** 4 years

**2021 lowest selection rank<sup>1</sup>** 80.00

**2021 lowest ATAR<sup>2</sup>** 70.10

**Assumed knowledge** None

**From the scale of rooms to cities, this degree trains you to develop creative solutions to aesthetic challenges in the built environment.** You'll learn about interior environments including all aspects of their structural, spatial, social and material assembly, then discover how to put your skills and knowledge into professional practice.

**Study areas**

- Communications
- Computer Modelling
- Design Studio
- History and Theory
- Materials
- Professional Practice
- Technical Drawing and Model Making
- Technology

**Minors (Optional)**

- Computational Design
- Construction Management
- Industrial Design
- Landscape Architecture

**Professional accreditation**

The Bachelor of Interior Architecture is recognised by the Interior Designer/Interior Architecture Educators Association (IDEA). Graduates are eligible for membership to the International Federation of Interior Architects/Designers (IFI) and Design Institute of Australia (DIA).

**Career opportunities**

This degree will prepare you for a rewarding career in interior architecture in architecture and design firms, private consultancy in residential, retail, workplace, commercial or hospitality spaces, corporate interior design specialising in multi-storey residential, retail, hospitality, medical, hotel or exhibition design. Many of our graduates also manage their own interior architecture or design practices.

**Structure**

Core (13 courses)  
+  
Practice Studio (8 courses)  
+  
Interdisciplinary Learning (2 courses, with students from other disciplines)  
+  
General Education (2 courses)  
+  
Electives (4 courses) OR Minor (4 courses)

# Bachelor of Landscape Architecture (Honours)

**Program code** 3381

**Duration** 4 years

**2021 lowest selection rank<sup>1</sup>** 80.00

**2021 lowest ATAR<sup>2</sup>** 70.35

**Assumed knowledge** None

**Landscape architects transform the world around us, planning and designing the shared environments in which we live, work, travel and play.** In this professionally accredited degree, through coursework and work experience, you'll study built and natural urban systems as the basis for designing liveable, healthy, sustainable and resilient cities.

**Career opportunities**

This degree will give you the knowledge and practical skills to create sustainable and beautiful environments in urban and rural settings. Our graduates can be found working across the globe in landscape architecture in private practice, government, and commercial firms, landscape planning and management, designing in construction, or in project management and strategic planning.

**Study areas**

- Communication
- Design Studio
- Ecological Processes
- Environmental Technology and Practice
- History and Theory
- Landscape Engineering Principles
- Plants and Design

**Professional accreditation**

The Bachelor of Landscape Architecture is accredited by the Australian Institute of Landscape Architects (AILA).

**Structure**

Core (13 courses)  
+  
Landscape Studio (10 courses)  
+  
Interdisciplinary Learning (2 courses, with students from other disciplines)  
+  
Electives & General Education (5 courses)

# Bachelor of Construction Management and Property

**Program code** 3332

**Duration** 3 years (+ 1 year Honours option)

**2021 lowest selection rank<sup>1</sup>** 80.00

**2021 lowest ATAR<sup>2</sup>** 69.45

**Assumed knowledge** None

**In this degree you'll develop broad knowledge and skills across the management of property development, construction and design work, construction site operation and project management as well as quantity surveying.**

**Career opportunities**

This degree will give you the skills to manage the delivery of complex construction projects. You'll be able to work in various roles across construction planning and management, project management, property development, property valuation, asset management or analysis, surveying and estimating, and consulting on construction, real estate, or specialised legal advice.

**Study areas**

- Building Construction
- Building Science Materials and Structure
- Construction Technology
- Economics and Law
- Facilities Management
- Management
- Property Development
- Quantity Surveying

**Professional accreditation**

The Bachelor of Construction Management and Property is accredited by The Australian Institute of Quantity Surveyors (AIQS) and The Royal Institution of Chartered Surveyors (RICS). Students completing the additional one-year Honours program will also receive accreditation from The Australian Institute of Building (AIB).



I wanted to study at UNSW because of its positive learning environment, reputation within the construction industry, and motivated educators who bring their unique experiences in the classroom to support our learning. While studying I attained a cadetship in the construction industry, it was a real light bulb moment when I was able to bring classroom concepts to work, and use them to make sense of real life situations!

—

**Hamza Arshi**  
**Bachelor of Construction Management and Property**

# Bachelor of City Planning (Honours)

<p><b>Program code</b> 3362</p> <p><b>Duration</b> 4 years (includes practice year)</p> <p><b>2021 lowest selection rank<sup>1</sup></b> 80.00</p> <p><b>2021 lowest ATAR<sup>2</sup></b> 73.65</p> <p><b>Assumed knowledge</b> None</p>	<p>Learn to shape sustainable, equitable, healthy and inspiring built environments with the Bachelor of City Planning (Honours). From theoretical work around contemporary planning issues to Work Integrated Learning with many city, state and international partners, this degree provides you with the necessary foundations for a career as a City Planner.</p>	<p><b>Study areas</b></p> <ul style="list-style-type: none"><li>• City Economics</li><li>• Environmental Science</li><li>• Heritage Studies</li><li>• Planning History</li><li>• Planning Law</li><li>• Planning Theory and Methodology</li><li>• Sociology</li><li>• Transport Planning</li><li>• Urban Design</li></ul> <p><b>Professional accreditation</b></p> <p>The Bachelor of City Planning (Honours) is accredited by the Planning Institute of Australia (PIA).</p> <p><b>Double degree options</b></p> <ul style="list-style-type: none"><li>• Law</li></ul>
<p><b>Structure</b></p> <p>Core (16 courses)</p> <p>+</p> <p>Work Integrated Learning (5 courses)</p> <p>+</p> <p>Interdisciplinary Learning (2 courses, with students from other disciplines)</p> <p>+</p> <p>Prescribed Elective &amp; General Education (5 courses)</p> <p>+</p> <p>Thesis (1 course)</p>	<p><b>Career opportunities</b></p> <p>This degree will prepare you for a career in fields that plan cities, including development strategies that decide environmental use and land use. You'll also be able to work across the development, research, consultation or assessment of urban policies. You may also become a specialist in planning law if you study the City Planning (Honours) double degree with Law.</p>	

# Bachelor of Computational Design

<p><b>Program code</b> 3268</p> <p><b>Duration</b> 3 years (+ 1 year Honours option)</p> <p><b>2021 lowest selection rank<sup>1</sup></b> 80.00</p> <p><b>2021 lowest ATAR<sup>2</sup></b> 70.55</p> <p><b>Assumed knowledge</b> None</p>	<p>The Bachelor of Computational Design gives you an understanding of digital technologies and their use in the built environment. You'll learn how to design responsive, interactive spaces and develop skills in computer design, 3D modelling, robotic and digital fabrication. You will be able to apply these skills in industrial/urban design and architectural contexts.</p>	<p><b>Study areas</b></p> <ul style="list-style-type: none"><li>• Animation</li><li>• Building Modelling</li><li>• Computer Aided Design (CAD)</li><li>• Design Studio</li><li>• Information Technology in Design</li><li>• Multimedia</li><li>• Rendering</li></ul>
<p><b>Structure</b></p> <p>Core (18 courses)</p> <p>+</p> <p>Interdisciplinary Learning (2 courses, with students from other disciplines)</p> <p>+</p> <p>Electives &amp; General Education (4 courses)</p>	<p><b>Career opportunities</b></p> <p>You can expect to choose to work within a range of industries spanning urban planning, architecture, engineering, manufacturing and construction, and also animation and gaming environments. The professions you can choose from include design specialist, digital optimisation consultation, software solutions development, digital production management, and data analysis.</p>	



# Bachelor of Industrial Design

<p><b>Program code</b> 3387</p> <p><b>Duration</b> 3 years (+ 1 year Honours option)</p> <p><b>2021 lowest selection rank<sup>1</sup></b> 80.00</p> <p><b>2021 lowest ATAR<sup>2</sup></b> 70.90</p> <p><b>Assumed knowledge</b> None</p>	<p>This degree will equip you to influence the way we live by designing what we use every day. You'll learn about design process, technology and materials, visual communication and more, taking the technical aspects of design in tandem with user experience.</p>	<p><b>Study areas</b></p> <ul style="list-style-type: none"><li>• 3D Digital Modelling</li><li>• Commerce and Marketing</li><li>• Computer Aided Design (CAD)</li><li>• Design Studio</li><li>• Materials and Manufacturing</li><li>• Science and Engineering</li></ul> <p><b>Professional accreditation</b></p> <p>Bachelor of Industrial Design graduates are eligible for membership of the Design Institute of Australia (DIA).</p>
<p><b>Structure</b></p> <p>Core (10 courses)</p> <p>+</p> <p>Design Studio (8 courses)</p> <p>+</p> <p>Interdisciplinary Learning (2 courses, with students from other disciplines)</p> <p>+</p> <p>Electives &amp; General Education (6 courses)</p>	<p><b>Career opportunities</b></p> <p>Prepare for an exciting industrial design career, including working in product design for multi-disciplinary design teams such as architectural and engineering consultancies, or within the manufacturing industry for consumer and public access products such as electrical, transport, scientific, medical, retail, furniture or telecommunications. You can also pursue a career in brand marketing or designing multimedia content, graphics, packaging and exhibitions or other services and strategies.</p>	

# Education and Social Work

## Bachelor of Education

<p>This degree is designed for students who want to pursue a career in secondary-school teaching. You will develop excellent classroom competency skills and increase your employability upon graduation with 80 days in supervised teaching placements in at least two secondary schools. The Bachelor of Education (Secondary) is only offered as a double degree, which means our graduates can pursue their passion and also benefit from further career opportunities in complementary professions.</p> <p>NSW education students are required to pass the Literacy and Numeracy Test for Initial Teacher Education Students (LANTITE) prior to commencing their first in-school placement. Visit <a href="https://educationstandards.nsw.edu.au">educationstandards.nsw.edu.au</a></p>	<p><b>Professional accreditation</b></p> <p>This degree is professionally recognised by NSW Education Standards Authority (NESA).</p>	<p><b>Structure</b></p> <p>Education Core (11 courses)</p> <p>+</p> <p>Teaching Specialisation/Methods (4 courses)</p> <p>+</p> <p>Education Electives (1 courses)</p> <p>+</p> <p>Professional Experience (80 days)</p> <p>+</p> <p>Double Degree</p>	<p><b>Bachelor of Arts/Bachelor of Education (Secondary)</b></p> <p><b>Program code</b> 4053</p> <p><b>Duration</b> 4 years (+ Honours options)</p> <p><b>2021 lowest selection rank<sup>1</sup></b> 80.00</p> <p><b>2021 lowest ATAR<sup>2</sup></b> 69.00</p> <p><b>Assumed knowledge</b></p> <p>Band 5 or higher in any HSC English course or the equivalent</p>
<p><b>Career opportunities</b></p> <p>Teaching is a stable and rewarding career choice with ongoing demand for skilled educators. Our Bachelor of Education is nationally accredited by the NSW Education Standards Authority (NESA), which allows you to teach for both government and non-government secondary schools. Our graduates are widely accepted as exemplary teachers throughout Australia as well as internationally. Many of our graduates also pursue career opportunities outside secondary school teaching including working in community education, cultural institutions and tertiary education.</p>		<p><b>Bachelor of Commerce/ Bachelor of Education (Secondary)</b></p> <p><b>Program code</b> 3462</p> <p><b>Duration</b> 4 years (+ Honours options)</p> <p><b>2021 lowest selection rank<sup>1</sup></b> 93.00</p> <p><b>2021 lowest ATAR<sup>2</sup></b> 86.55</p> <p><b>Assumed knowledge</b></p> <p>Band 5 or higher in any HSC English course or the equivalent; Mathematics Advanced</p>	<p><b>Teaching specialisations</b></p> <ul style="list-style-type: none"><li>• Aboriginal Studies (Indigenous Studies)</li><li>• Ancient History</li><li>• Drama</li><li>• English</li><li>• English as an Additional Language or Dialect (EAL/D)</li><li>• Geography</li><li>• Languages (Chinese, French, Japanese, Korean, Spanish)</li><li>• Legal Studies</li><li>• Modern History</li><li>• Music Studies (Intensive)</li><li>• Society and Culture</li></ul>

**Teaching specialisations**

- Business Studies
- Economics



Bachelor of Education (continued)

Bachelor of Design/  
Bachelor of Education  
(Secondary)

**Program code** 4066

**Duration** 4.7 years  
(+ Honours options)

**2021 lowest selection rank<sup>1</sup>**  
80.00

**2021 lowest ATAR<sup>2</sup>** 70.65

**Assumed knowledge**  
Band 5 or higher in any HSC English course or the equivalent; Visual Arts

Teaching specialisations

- Graphics and Multimedia Technology
- Visual Arts

Bachelor of Economics/  
Bachelor of Education  
(Secondary)

**Program code** 4058

**Duration** 4 years  
(+ Honours options)

**2021 lowest selection rank<sup>1</sup>**  
91.00

**2021 lowest ATAR<sup>2</sup>** 83.05

**Assumed knowledge** Band 5 or higher in any HSC English course or the equivalent; Mathematics Advanced

Teaching specialisations

- Business Studies
- Economics

Bachelor of Fine Arts/  
Bachelor of Education  
(Secondary)

**Program code** 4063

**Duration** 4 years  
(+ Honours options)

**2021 lowest selection rank<sup>1</sup>**  
80.00

**2021 lowest ATAR<sup>2</sup>** 71.20

**Assumed knowledge**  
Band 5 or higher in any HSC English course or the equivalent; Visual Arts

Teaching specialisations

- Visual Arts
- Graphics and Multimedia Technology

Bachelor of Media Arts/  
Bachelor of Education  
(Secondary)

**Program code** 4064

**Duration** 4 years  
(+ Honours options)

**2021 lowest selection rank<sup>1</sup>**  
80.00

**2021 lowest ATAR<sup>2</sup>** 77.55

**Assumed knowledge**  
Band 5 or higher in any HSC English course of the equivalent

Teaching specialisations

- Graphics and Multimedia Technology
- Visual Arts

Bachelor of Music/  
Bachelor of Education  
(Secondary)

**Program code** 3446

**Duration** 5 years  
(+ Honours options)

**2021 lowest selection rank<sup>1</sup>**  
80.00 + audition

**2021 lowest ATAR<sup>2</sup>** 70.25

**Assumed knowledge**  
Band 5 or higher in any HSC English course or the equivalent; applicants are expected to have reached the level of at least Grade 7 AMEB Performance (or equivalent) and Music 2, or Grade 6 AMEB Musicianship (or equivalent), or HSC Music Extension.

Teaching specialisations

- Music

Auditions are required for this degree. Visit [arts.unsw.edu.au/sam](https://arts.unsw.edu.au/sam)

Bachelor of Science/  
Bachelor of Education  
(Secondary)

**Program code** 4076

**Duration** 4 years  
(+ Honours option)

**2021 lowest selection rank<sup>1</sup>**  
80.00

**2021 lowest ATAR<sup>2</sup>** 70.45

**Assumed knowledge**  
Band 5 or higher in any HSC English course or the equivalent; Mathematics Advanced and Chemistry plus one of Biology or Earth and Environmental Science, Physics or Mathematics Extension 1 (depending on chosen area of study).

Teaching specialisations

- Biology
- Chemistry
- Earth and Environmental Science
- Investigating Science
- Mathematics
- Physics

Bachelor of Social Work (Honours)

**Program code** 4033

**Duration** 4 years

**2021 lowest selection rank<sup>1</sup>** 80.00

**2021 lowest ATAR<sup>2</sup>** 70.05

**Assumed knowledge** None

Structure

Core (20 courses)  
+  
Electives & General Education (4 courses)  
+  
Field Placement  
+  
Honours Stream (8 courses)

Help change lives by solving problems in human relationships, promoting social change and enhancing the wellbeing of others. Our Social Work degree has a strong emphasis on practical skills with guidance from social workers and industry professionals. You'll gain expertise in a wide variety of areas, including mental health, social work counselling, community work, sociology, psychology and working with Indigenous communities.

Career opportunities

Social Workers operate in diverse areas, including hospitals, government departments, welfare agencies, industry/corporate, community organisations, and as independent consultants.

Professionally recognised

This degree is professionally recognised. Upon graduation you'll be eligible for membership of the Australian Association of Social Workers.

Pathways from TAFE NSW

Our undergraduate Social Work program has a formal agreement with TAFE NSW regarding the articulation of students from the Community Services program. If you studied the relevant diplomas under the TAFE Community Services Training Package, you'll receive a TAFE Credit Transfer for up to 48 units of credit (UOC), which is equivalent to one-year, full-time study.

Double degree options

- Arts
- Criminology & Criminal Justice
- Law
- Social Science



# UNSW Business School

The Place, study spaces for business students



Drive purposeful change to shape a better future. Build adaptive thinking to thrive in this fast-changing world and equip yourself with a career-focused education that promotes professional success.



Broaden your expertise and join some of the most employable graduates in Australia. Get professional development with internships, global business and consultancy projects and social entrepreneurship practicum opportunities built into your degree.



Become part of a connected cohort where you can expand your network both socially and professionally. Discover a rich, diverse student life that's unique to UNSW, with faculty and campus-wide events and activities throughout the year.



Our career-focused degrees are informed by close industry connections and supported by flexible double degree options. Learn from leading academics and business experts at a business school with top rankings in Australia in Accounting, Finance, Actuarial Studies and Information Systems.\*

\*QS Subject Rankings, 2020, Association for Information Systems Research Rankings 2020, University of Nebraska at Lincoln Global Research Rankings of Actuarial Science and Risk Management & Insurance, 2019.

**Traditional ideas aren't going to change society or reshape the economy.** To create real, positive impact we will need to embrace new technologies, creativity and empathy. Our innovative approach to business education empowers you to become an agent of change in the global business environment.

**Our new Bachelor of Commerce crosses disciplines to give you the enriched understanding of key challenges needed to make an impact.** Graduate with a myBCom portfolio, which showcases your knowledge, skills and achievements to prospective employers or your startup's co-founders and investors.

> For more information, visit [business.unsw.edu.au](https://business.unsw.edu.au)





### Join the club

Life at UNSW Business School is about more than lectures and tutorials. Our business clubs and societies introduce you to people who share your interests and passions. Our clubs and societies hold regular industry nights, lecture review sessions and social and professional networking events. UNSW Business Society (BSOC) is the largest society at UNSW and hosts over 75 events a year, including first year camp and mentoring to help you settle in from the beginning.

### Career Accelerator

Our distinctive degrees bring the boardroom to the classroom with a range of hands-on professional learning opportunities, exclusive to UNSW Business School. Career Accelerator professional development experiences ensure you graduate career-ready, prepared to hit the ground running.

### Internships

Get real-world business experience while earning credit towards your studies with an internship. Career Accelerator unlocks exclusive experiences with our industry partners, while also giving you the option to procure your own internship or take on a practical social entrepreneurship project.

### Mentoring

Get personalised advice from experienced industry professionals as part of our mentoring programs. Mentoring at UNSW Business School ranges from online mentoring with AGSM MBA students to six-week, face-to-face mentoring programs with industry leaders.

### Networking and events

Meet future colleagues and take a look inside organisations that operate within global business ecosystems at our industry networking events. Visit the offices of multinational companies and attend Industry Insights presentations from our partner organisations.

### Global

Experience business around the world with our range of global opportunities, including short overseas electives, practicums and international exchanges. Through our Global Business Practicum, you can do a practical consulting project in thriving international business hubs including Mumbai, Bangkok, Shanghai or Tel Aviv.

➤ For more information, visit [business.unsw.edu.au/career-accelerator](https://business.unsw.edu.au/career-accelerator)



Bachelor of Commerce

**Program code** 3502

**Duration** 3 years  
(+ 1 year Honours option)

**2021 lowest selection rank<sup>1</sup>** 93.00

**2021 lowest ATAR<sup>2</sup>** 81.05

**Assumed knowledge**  
Mathematics Advanced

**Make big changes in the world with a career in business. Understand business essentials from day one with UNSW's Bachelor of Commerce, an innovative three-year degree that has been co-designed with industry. With built in professional development opportunities and the new MyBCom online portfolio, you'll improve your employability and graduate ready to navigate tomorrow's global business landscape.**

**Professional accreditation**  
You'll be eligible for membership to various professional organisations depending on the major that you complete.

**Double degree options**

- Actuarial Studies
- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Arts
- Aviation (Management)
- Computer Science
- Design
- Economics
- Education (Secondary)
- Engineering (Hons)
- Fine Arts
- Information Systems
- Law
- Materials Science and Engineering (Hons)
- Media (PR & Advertising)
- Music
- Science

**Career opportunities**  
You'll enjoy countless professional opportunities as a commerce graduate. You'll be qualified to pursue a range of careers across local and international, government and not-for-profit organisations. For example, work as an: Accountant, Auditor, Commercial Manager, Consultant, Customer Experience Specialist, Cyber Security Analyst, Data Analyst, Digital Innovation Specialist, Economist, Financial Advisor, Human Resource Consultant, ICT Business/Systems Analyst, International Business Development Manager, Investment Banker, Insights and Reporting Manager, Marketing/Brand Manager, Property Business Analyst, Recruitment Officer, Strategist, Tax Advisor, Venture Capitalist.

**Structure**  
First Year Business Core Courses (Integrated First Year) studied on campus or fully online  
+  
One Business School Major  
+  
Second Business School Major, Minor or Electives  
+  
Work Integrated Learning (WIL - Professional Development)  
+  
General Education  
+  
My BCom suite including Graduate Portfolio

Business School Majors

**Accounting** | Accounting is a broad and dynamic discipline where you'll record and analyse information to effectively advise organisations, business and individuals in strategic decision making. This major is professionally accredited by CPA Australia, the Chartered Accountants Australia and New Zealand (CAANZ), the Chartered Institute of Management Accountants (CIMA) and the Institute of Public Accountants (IPA).

**Business Analytics** | Business Analytics produces and communicates actionable findings and insights from organisational data using descriptive, predictive and prescriptive analytics. This major has an emphasises on the ethical and legal issues of data governance, along with statistical modelling, programming and database management.

**Business Economics** | Become an agent for change as you examine the behaviours of individuals, firms and governments and the effect of their choices on living standards. Collecting and calibrating data, economists make recommendations to federal and state government departments, international organisations and the private sector.

**Finance** | Finance is a high-stakes, fast-moving industry requiring decisive strategy in the face of uncertainty. Learn how businesses raise capital, how people distribute their savings among different investments and how organisations make financial policies and decisions. This major can be used towards the Financial Adviser Standards and Ethics Authority (FASEA) accreditation dependent on course selection. It is also approved under the Chartered Financial Analysts (CFA) Institute's University Affiliation Program.

**Financial Technology** | FinTech creates, enhances and disrupts financial services through methods including peer-to-peer lending and robo-advice to decentralised finance, such as Bitcoin. FinTech identifies industry needs and sits at the cutting edge of progress.

**Human Resource Management** | Develop strategic thinking in employee engagement, employment relations, organisational change, staff learning and development, health and safety, organisational behaviour and performance management. This major is accredited by the Australian Human Resources Institute.

**Information Systems** | Information Systems helps businesses operate and thrive in the digital age. You'll learn to develop, implement and manage information technology solutions including databases, enterprise systems, business intelligence systems, social media, networks and infrastructure to support business operations.

**International Business** | Today's global business ecosystem is highly competitive, with companies operating in markets across cultures and countries. Master the art of managing multinationals as you craft strategies that consider the economic, social, legal, political and cultural contexts of global business.

**Marketing** | Grow an organisation by aligning people's wants and needs to your competitive advantage. Marketers work in all stages of a product's life cycle including innovation and new product development. This includes campaign planning and execution through to digital and marketing analytics to inform campaign and product choices.

**Taxation** | Taxation is the foundation that all modern societies are built on. Every individual, business, organisation and government agency interacts with the taxation system. Tax expert are highly sought after in all types of organisations across a range of sectors. Delve into the intricate system of legislation and policy to understand the implications and influence of taxation on organisations.



I was a part of the redesign of the Bachelor of Commerce, where my voice was heard alongside industry, academics and alumni. To be successful in business you need a deep understanding and real experience in how businesses operate, which is exactly why the new Integrated First Year and built-in work integrated learning is so important.

–  
**Michael Kim, UNSW Business Society co-president, 2020, and Bachelor of Commerce/ Bachelor of Laws student**

Bachelor of Actuarial Studies

**Program code** 3586

**Duration** 3 years  
(+ 1 year Honours option)

**2021 lowest selection rank<sup>1</sup>** 95.00

**2021 lowest ATAR<sup>2</sup>** 91.35

**Assumed knowledge**  
Mathematics Extension 1

**Career opportunities**  
With a Bachelor of Actuarial Studies you'll be in demand across industries in analytics roles. You can work within sectors like insurance and superannuation as an Actuarial Analyst, Asset Management Trainee, Business Consultant, Credit Analyst, Data Analyst, Forecasting Analyst, Investment Banker, Insurance Analyst, Risk Assessment Officer, Statistical Research Analyst, Superannuation Advisor and Wealth Management Analyst.

**Majors**

- Actuarial Studies
- Actuarial Risk Management and Analytics
- Quantitative Data Science

**Second major option taken from UNSW Business School majors or:**

- Mathematics
- Statistics

**Double degree options**

- Advanced Mathematics (Hons)
- Commerce
- Computer Science
- Economics
- Information Systems
- Law
- Science

**Professional accreditation**  
Upon meeting the academic standard requirements, you'll gain exemptions towards accreditation with the Actuaries Institute (Australia), the Faculty of Actuaries (UK) and the VEE credit for the Society of Actuaries (USA).

**Structure**  
Actuarial Studies Core Courses  
+  
Actuarial Studies Electives  
+  
Elective Courses or Second Major

Actuaries play a vital role in strategic planning and financial management in the financial services, insurance and superannuation industries. This degree challenges those who excel in mathematics to extricate patterns and trends in what can seem like a mass of data, providing you with a solid foundation to enter the actuarial profession.

Bachelor of Commerce (International)

**Program code** 3558

**Duration** 4 years

**2021 lowest selection rank<sup>1</sup>** 96.00

**2021 lowest ATAR<sup>2</sup>** 84.40

**Assumed knowledge**  
Mathematics Advanced

**The Bachelor of Commerce (International) will provide you with cross-cultural perspectives as well as the business acumen for a career in the global economy. You'll get a solid foundation in business and complete a Work Integrated Learning placement. This degree includes a one-year overseas exchange which includes a \$5000 scholarship and full immersion in the business practices of a foreign economy. You can also study a new language and have mentoring from UNSW Business School's most accomplished graduates, our Alumni Leaders.**

**Structure**  
First Year Business Core Courses (Integrated First Year) studied on campus or fully online  
+  
One Business School Major  
+  
International Studies Courses  
+  
Elective Courses or Second Business School Major or minor (elective courses can be used to create an international studies major)  
+  
One Year Overseas Exchange

**Career opportunities**  
This degree provides a solid foundation in business and prepares you for the challenges of working in global business settings. You could work in organisations with regional and global operations, as well as government and nongovernment agencies operating internationally in fields such as consulting, foreign affairs, media, finance, accounting and information systems.

**Majors**  
**Business discipline streams:**  
Refer to Bachelor of Commerce

**International Studies discipline streams:**

- Asian Studies
- Development Studies
- European Studies
- Globalisation Studies
- History
- International Relations
- Languages (Chinese, French, German, Japanese, Korean and Spanish)
- Politics

**Professional accreditation**  
You'll be eligible for membership to various professional organisations depending on the major you complete.



# Bachelor of Economics

**Program code** 3543

**Duration** 3 years  
(+ 1 year Honours option)

**2021 lowest selection rank<sup>1</sup>** 91.00

**2021 lowest ATAR<sup>2</sup>** 79.60

**Assumed knowledge**  
Mathematics Advanced

**Structure**  
Economics Core and Electives  
+  
Economics Major  
+  
Elective Courses or  
Second Major

Economics is an influential social science which explores how society can best use finite resources - like time, money and effort. Economics is not just about money, but about improving wellbeing. Using powerful concepts, logic, data, and a rigorous mathematical and statistical toolkit, Economists study how people respond to various incentives when they decide how to allocate scarce resources. The outcomes of these studies impact life-changing policies, which means the skills and insights you'll develop in this degree are prized by decision-makers in business and government worldwide.

**Career opportunities**  
You'll be highly sought after by policymakers in government at all levels, private sector employers in all industries, not-for-profits and international organisations to work as an analyst, researcher, forecaster, journalist, advisor, and many other roles. You can open up more career paths by completing the Bachelor of Economics (Honours) degree or combining economics with studies in business, banking, law, or science.

**Majors**  
In this degree you select at least one economics major:

- Economics
- Econometrics
- Financial Economics

And a second major from the economics majors OR the list of Business School majors OR a minor from the below:

- Accounting
- Business Analytics
- Finance
- Financial Technology
- Human Resource Management
- Information Systems
- International Business
- Languages
- Marketing
- Mathematics (Science)
- Psychology (Science)
- Statistics
- Taxation  
(sample list)

**Double degree options**

- Actuarial Studies
- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Arts
- Commerce
- Computer Science
- Education (Secondary)
- Law
- Science

**Professional accreditation**  
You'll be eligible for membership to various professional organisations according to the major you complete.



The Place, study spaces for business students

# Bachelor of Information Systems

**Program code** 3979

**Duration** 3 years

**2021 lowest selection rank<sup>1</sup>** 88.00

**2021 lowest ATAR<sup>2</sup>** 76.30

**Assumed knowledge**  
Mathematics Advanced

**Structure**  
Info Systems Core and Elective Courses  
+  
Business School Core Courses  
+  
Elective Courses

Data and technology drive almost every aspect of organisations today. From goals to strategies to functions – information systems are crucial to business operations. The Bachelor of Information Systems will develop specialist skills, knowledge and experience in information systems. This degree gives you the foundation to develop and implement IT solutions for a range of businesses.

**Career opportunities**  
You'll be able to work as a Business Analyst, Business Intelligence Systems Developer, Cyber Security Specialist, e-Commerce Specialist, IS Development Specialist, IS/IT Architect, IS/IT Consultant, IT Infrastructure Developer, Network developer, Network and Systems Analyst, Management Consultant and Technical Manager.

**Majors**

- Information Systems

**Double degree options**

- Commerce
- Actuarial Studies

**Bachelor of Information Systems Admissions Scheme (BISAS)**  
The Bachelor of Information Systems Admissions Scheme (BISAS) at UNSW offers an alternative pathway for domestic students into the Bachelor of Information Systems program. Find out more at [business.unsw.edu.au/bisas](https://business.unsw.edu.au/bisas)

**Professional accreditation**  
This degree is accredited by the Australian Computer Society (ACS) for provisional membership at the Professional Level. You'll also be eligible for SAS accreditation after studying specific elective courses within the Bachelor of Information Systems.

# Co-op degrees

A Co-op degree is a scholarship program that combines a single degree with relevant industry job placements, so you can apply what you learn during your degree from day one of your career.

A Co-op scholarship provides financial support to the value of \$19,600 (tax-free) per annum to fund your studies. Gain relevant industry insight, career networks and benefit from professional leadership and development from this highly regarded degree program.

**UNSW Business School offers four Co-op degrees:**

- Bachelor of Actuarial Studies (Co-op)
- Bachelor of Commerce (Co-op)
- Bachelor of Commerce (Co-op) (Honours)
- Bachelor of Information Systems (Co-op) (Honours)

**Additional entry requirements**  
You are required to lodge a separate UNSW Co-op Program application with the Co-op Office in addition to a UAC application. Applications open in May and close in September.

For more information, visit [co-op.unsw.edu.au](https://co-op.unsw.edu.au)



# Engineering

Empower yourself at a globally renowned Engineering faculty, where passion, diverse perspectives and a hands-on approach create solutions for a better world.



Set yourself apart studying at the #1 Engineering faculty in Australia\* with the largest range of disciplines, including emerging areas like Quantum and Renewable Energy Engineering.

\*QS Rankings by Subject 2020

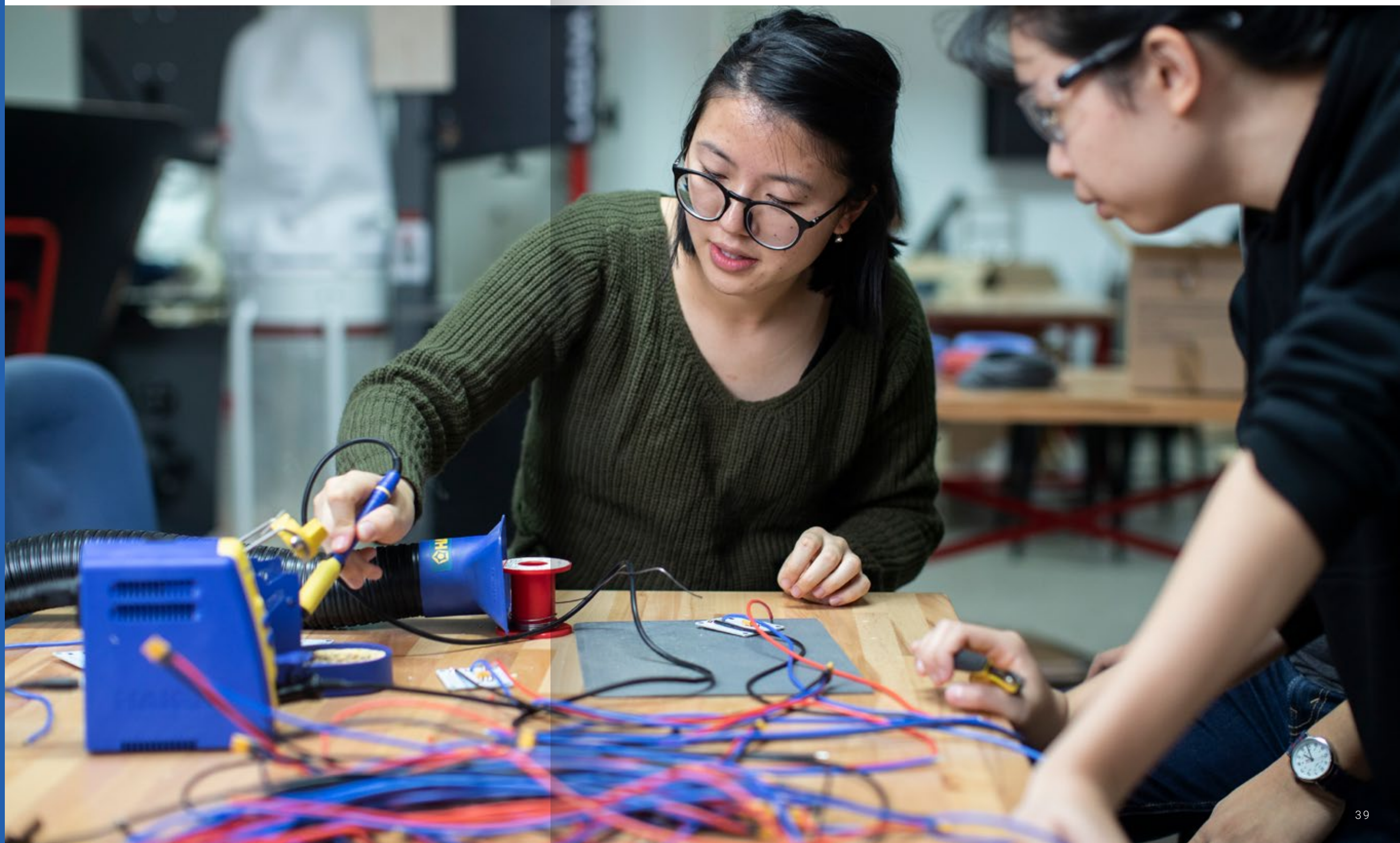


Improve lives with exciting, real-world projects in our unique ChallengE program. Connect with students, academics and companies to gain the technical and professional skills needed to thrive.



Enrich your studies through our diverse and inclusive student community. Our clubs and societies bring students together for professional development programs and networking opportunities.

> For more information, visit [engineering.unsw.edu.au](https://engineering.unsw.edu.au)





## Flexible First Year

Explore the different fields of engineering before deciding on the major that's right for you in UNSW's Flexible First Year. Your first year of engineering study includes a core of common subjects and a wide choice of electives, so you can find the area that sparks your passion.

## Real-world engineering

From day one, you'll develop your abilities as an engineer, in the classroom and through hands-on practical experience. Build valuable industry networks and contacts with our unparalleled industry contacts and while you study. Learn from industry leaders, create and design projects in our Makerspaces, and participate in student projects. You can attend industry recruitment events and go on international exchange, giving you valuable real-world experience to prepare you for a successful career.

## Meeting global challenges

Make a positive difference in the world when you combine your passion and creativity to meet global challenges with world-class education and research. You'll have access to the world's best facilities and research that encourages you to look differently at global problems and engineer innovative solutions for individuals and communities.

## The Challeng Program

The Challeng Program connects you with academics and industry partners as part of exciting, real-world, project-based learning initiatives. Challeng prepares you for your future career through practical learning experiences that are valued in the real-world. You'll expand your professional expertise through a multidisciplinary learning approach that develops your technical and design skills. Many of the Challeng projects earn academic credit (for-credit-elective) or are eligible for Industrial Training.

For more information, visit [challeng.unsw.edu.au](http://challeng.unsw.edu.au)

## Industrial Training

Industrial Training is a major component of your engineering education. It gives you real experience in an engineering environment and shows how your learning is applied in practice. For Industrial Training, you'll undertake 60 days of work experience in your chosen field of study.

For more information, visit [unsw.to/industrial-training](http://unsw.to/industrial-training)

## Student societies

Forge new friendships with other students and expand your professional network: join our flagship Engineering Society (EngSoc) and Women in Engineering Society (WIESoc). Our full range of societies offer professional development programs and social activities throughout the year.

## Women in Engineering

We offer a dedicated support network for the Women in Engineering (WIE) community. You can attend WIE workshops and events on campus before you start university, during and after your degree. With industry scholarships, bespoke mentoring, development opportunities and a calendar packed with industry events, female engineering students emerge from UNSW as highly employable and qualified professionals.

For more information, visit [unsw.to/wie](http://unsw.to/wie)

## Humanitarian Engineering

Study Engineering to make an impact. Work on engineering solutions that improve the lives and livelihoods of disadvantaged communities. Get experience in humanitarian engineering during your degree by completing an optional minor in within your Engineering or Food Science degree. Take your contribution to humanitarian engineering to the next level with an International Experience or a humanitarian engineering project in the Challeng Program.

For more information, visit [unsw.to/he](http://unsw.to/he)



## Faculty of Engineering Admission Scheme (FEAS)

We know that things don't always go to plan, and we recognise that your passion for Engineering and your performance in relevant subjects may not be reflected in your ATAR alone.

FEAS applies to most UNSW Engineering undergraduate programs, including our double degrees. Your ability in mathematics, physics and other sciences, design and problem solving, as well as attitude and motivation towards engineering studies will be considered in your application.

For more information, visit [unsw.to/feas](http://unsw.to/feas)



Bachelor of Science (Computer Science)

**Program code** 3778

**Duration** 3 years  
(+ 1 year Honours option)

**2021 lowest selection rank¹**  
90.00

**2021 lowest ATAR²** 81.30

**Assumed knowledge** Mathematics Extension 1

You'll study the design, construction and use of computer systems. Gain expertise in the basic principles behind computing tools, operating systems, compilers, translators and computer hardware, and learn about the design and development of hardware and software tools for developing computer applications.

**Career opportunities**  
You can work in fields such as software engineering and development, digital security, database development, game development and systems analysis.

**Double degree options**

- Actuarial Studies
- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Arts
- Commerce
- Economics
- Engineering (Hons)
- Law
- Media Arts
- Science

**Study areas**  
The available majors are:

- Artificial Intelligence
- Computer Networks
- Computer Science
- Database Systems
- eCommerce Systems
- Embedded Systems
- Programming Languages
- Security Engineering

**Structure**  
16 Computer Science Courses within your major  
+  
6 Electives  
+  
2 General Education Electives  
+  
Possible Minor in Accounting, Finance, Information Systems, Marketing, Maths, Psychology

Bachelor of Engineering (Honours)

**Program code** 3707

**Duration** 4 years

**2021 lowest selection rank¹**  
90.00

**2021 lowest ATAR²** 81.55  
(flexible first year stream)

**Assumed knowledge**  
Mathematics Extension 1 and Physics; for Bioinformatics, Mathematics Extension 1 and Chemistry; for Chemical, Chemistry, Mathematics Extension 1 and Physics, for Software, Mathematics 1 only

Combining mathematics, natural sciences and computing, this degree is the foundation for specialised pathways into different engineering disciplines. You'll learn through engineering design and enquiry projects as well as professional practice, management and research for your thesis. There's flexibility in the first year if you haven't decided on your desired engineering major.

**Flexible first year stream**  
The Bachelor of Engineering (Honours) program includes a Flexible First Year stream. If you want to study engineering but aren't ready to choose what area of engineering you can wait until the end of your first year.

The first year has common core courses, plus a choice of electives so you can study different areas that appeal to you without making a decision until the end of your first year. This is ideal if you want to be an engineer but aren't sure which direction to take.

**This degree is accredited by Engineers Australia.**



I always had a keen interest in studying Engineering but was overwhelmed by how vast the field is. The Flexible First Year Program allowed me to have a little taste of the different streams I was interested in without extending my degree by an extra year. One of my most exciting experiences so far has been taking part in the design and manufacturing process of a light installation that was displayed in Vivid 2019. It was amazing to see how the theory we learned could be applied to build something tangible!

– Felice Tan  
Bachelor of Engineering (Hons)  
Electrical Engineering/Bachelor of Commerce

**Structure**  
28 Courses in your chosen discipline  
+  
2 Electives  
+  
2 General Education Electives  
+  
60 days Industrial Training

Aerospace Engineering (Honours)

**2021 lowest ATAR²** 83.40

Immerse yourself in the science and practice of air and space flight with this exciting degree. Learn how to design, operate, and make advanced analysis of air and space vehicles in studies that draw on our strong research and industrial experience. In your final year you'll work on aircraft design and research projects.

**Study areas**

- Aerodynamics
- Flight Mechanics
- Propulsion
- Systems
- Space Craft
- Structures

**Career opportunities**  
You'll be able to work in a number of fields such as the space industry, national security, transportation, airlines, maritime construction and consulting.

**Double degree options**

- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Arts
- Commerce
- Computer Science
- Law
- Music
- Science

Chemical Engineering (Honours)

**2021 lowest ATAR²** 81.70

This broad degree covers the critical steps in a product's creation, from the pure chemistry to the economics. You'll discover how to design and develop chemical processes and equipment, optimise and control industrial operations, work with nanoparticles, determine environmental effects and pollution control.

**Study areas**

- Chemical Engineering
- Chemical Reaction Engineering
- Advanced Thermodynamics and Separation
- Process Dynamics and Control
- Process Design
- Polymers

**Career opportunities**  
You can work in a variety of fields including food and drink development, environmental management, mining and minerals, oil and gas, paper and packaging, pharmaceuticals, water treatment and recycling.

**Double degree options**

- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Arts
- Commerce
- Computer Science
- Engineering Science
- Law
- Master of Biomedical Engineering
- Music
- Science

Bioinformatics Engineering (Honours)

**2021 lowest ATAR²** 85.70

**Assumed knowledge**  
Mathematics Extension 1 and Chemistry

Master the foundations of bioinformatics, a field at the intersection of computing and life sciences. You'll learn how to develop technologies for storing, extracting, organising and interpreting the large amount of genetic information we now hold.

**Study areas**

- Biology
- Computing
- Data Management
- DNA Data Analysis
- Genomics and Genetics
- Machine Learning
- Mathematics
- Web App Programming

Chemical Product Engineering (Honours)

**2021 lowest ATAR²** 81.70

**Assumed knowledge**  
Mathematics Extension 1, Physics and Chemistry

With a focus on product design and development, Chemical Product Engineering is the new frontier for chemical engineers. You'll graduate from this degree with everything you need to create products across a wide range of industries.

**Study areas**

- Industrial Chemistry
- Chemical Reaction Engineering
- Organic and Inorganic Chemistry
- Advanced Thermodynamics and Separation
- Polymer Science

**Career opportunities**  
You can pursue a career as a Chemical and Materials Engineer, Chemist, Food and Wine Scientist, Production Manager (Manufacturing), Production or Plant Engineer, Product Tester, Research and Development Manager.

**Double degree options**

- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Arts
- Commerce
- Computer Science
- Law
- Music
- Science

**Career opportunities**  
You can work in a variety of industries including bioinformatics, pharmaceutical, agritech, banking and finance, big data, consulting, development, digital services, education, health, I.T., logistics, research, software engineering and computer security.

**Double degree options**

- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Arts
- Commerce
- Law
- Master of Biomedical Engineering
- Music
- Science

Civil Engineering (Honours)

**2021 lowest ATAR²** 81.60

Civil engineers are responsible for projects that enhance the overall quality of life for individuals and communities. In this degree you'll learn how to design, construct, manage, operate and maintain the infrastructure that supports modern society.

**Study areas**

- Civil Engineering
- Engineering Construction and Management
- Geotechnical Engineering
- Structural Engineering
- Transport Engineering
- Water Engineering

**Career opportunities**  
You can work for professional consulting firms, construction companies, large public companies, government organisations and financial and management consultancies.

**Double degree options**

- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Arts
- Commerce
- Computer Science
- Engineering Science
- Law
- Music
- Science
- Surveying





Computer Engineering (Honours)

2021 lowest ATAR<sup>2</sup> 85.65

Computer Engineering empowers you to make a difference in today's technology-centric world. Our daily lives intersect with technology at an astounding rate, as a computer engineer your work can shape those interactions. Your study combines computer science with elements of electrical engineering, while designing programs and building hardware.

Study areas

- Advanced Computing
- Electronics
- Embedded Systems
- Systems and Control
- Telecommunications

Career opportunities

You can work in a variety of industries including technology manufacturing, research laboratories, I.T., digital consulting firms, agritech, health, education, VLSI Design and embedded systems.

Double degree options

- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Arts
- Commerce
- Law
- Master of Biomedical Engineering
- Music
- Science

Electrical Engineering (Honours)

2021 lowest ATAR<sup>2</sup> 81.05

This degree focuses on the design, development, manufacture and management of complex hardware and software systems. Taught by industry leaders, courses include telecommunications, photonics and microelectronics.

Study areas

- Energy Systems
- Microsystems
- Photonics
- Systems and Control
- Signal Processing
- Wireless and Data Networks

Career opportunities

Electrical Engineering offers a range of fascinating and rewarding career paths in fields such as electronics, quantum computing, networking, power distribution and robotics and control.

Double degree options

- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Arts
- Commerce
- Computer Science
- Engineering Science
- Law
- Master of Biomedical Engineering
- Master of Engineering in Electrical Engineering
- Music
- Science

Environmental Engineering (Honours)

2021 lowest ATAR<sup>2</sup> 88.00

Acquire a broad knowledge of engineering and environmental processes in this unique degree. You'll learn to identify environmental problems and impacts caused by engineering projects and develop effective solutions. Environmental engineering is at the heart of an exciting multidisciplinary field that includes biologists, ecologists, geologists and engineers who work collaboratively to improve environmental outcomes.

Study areas

- Environmental Engineering
- Environmental Studies
- Geotechnical Engineering
- Transport Engineering
- Water and Waste Engineering

Career opportunities

There is a broad range of career opportunities available to Environmental Engineers across the water, construction, energy, and manufacturing industries. You can pursue roles in humanitarian engineering and sustainability with both government organisations and in the private sector.

Double degree options

- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Arts
- Commerce
- Computer Science
- Engineering Science
- Law
- Music
- Science

Mechanical Engineering (Honours)

2021 lowest ATAR<sup>2</sup> 83.40

Mechanical engineers have the ability to conceptualise and actualise almost anything that moves: from the smallest biomedical sensor to giant wind turbines. Mechanical engineers apply scientific and engineering knowledge to design machines that solve society's biggest problems.

Study areas

- Composite Structures
- Computer Aided Design (CAD)
- Computer Aided Manufacturing (CAM)
- Fluid Dynamics
- Heat Transfer
- Materials Science
- Noise and Vibration
- Power Generation
- Thermodynamics

Career opportunities

There's a high demand for Mechanical Engineering graduates in a wide range of industries. You can work in areas such as power generation, transport, construction, mining, manufacturing, insurance and appliances.

Double degree options

- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Arts
- Commerce
- Computer Science
- Law
- Master of Biomedical Engineering
- Music
- Science

Mechanical and Manufacturing Engineering (Honours)

2021 lowest ATAR<sup>2</sup> 83.40

Bridge the gap between innovative designs and their execution with Mechanical and Manufacturing Engineering. You'll learn how to design and manage the construction, operation and maintenance of equipment used in many industries. As a mechanical engineer you'll work across all aspects of daily life, from driving, to technology to housing.

Study areas

- Computer Aided Manufacturing (CAM)
- Computer Aided Design (CAD)
- Fluid Dynamics
- Materials Science
- Mechanics of Solids
- Process Technology and Automation
- Process Modelling and Simulation
- Reliability and Maintenance Engineering
- Thermodynamics

Career opportunities

You can work in industries such as automotive, defence, aerospace, transport, power generation, insurance, railway systems and management consultancy.

Double degree options

- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Arts
- Commerce
- Computer Science
- Law
- Music
- Science

Mechatronic Engineering (Honours)

2021 lowest ATAR<sup>2</sup> 83.80

You'll learn the full spectrum of smart machine design in this degree. Graduate with skills in autonomous system development such as self-operating robots and vehicles, and a thorough knowledge of industrial automation. You can apply this knowledge across the evolving field of smart machines and systems.

Study areas

- Computing
- Control Systems
- Electronics
- Mechanical Design
- Microprocessors
- Robotics

Career opportunities

As a mechatronic engineer you can work in industries such as manufacturing, automotive, aerospace, defence, mining, cargo handling and agriculture. You can also work in designing and manufacturing consumer devices and technology such as mobile phones, video game consoles and biomedical devices.

Double degree options

- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Arts
- Commerce
- Computer Science
- Engineering Science
- Law
- Master of Biomedical Engineering
- Music
- Science

Photovoltaics and Solar Energy (Honours)

2021 lowest ATAR<sup>2</sup> 82.80

Immerse yourself in the manufacture and use of solar cells that capture and convert sunlight into electricity. Study technology development, manufacturing, quality control, reliability, policy and system design. This degree prepares you for varied work in an industry that's creating a more sustainable future.

Study areas

- Cell Interconnection and Encapsulation
- Manufacturing
- Photovoltaics
- Policy Development
- Quality Control
- Reliability and Life-Cycle Analysis
- Renewable Energy Technologies
- Solar Cell Applications
- Solar Energy
- Technology Development

Career opportunities

You can work in fields including manufacturing, quality control and reliability, computer-aided design of devices and systems, policy formation, programs for developing countries, solar cells and system design.

Double degree options

- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Arts
- Commerce
- Computer Science
- Engineering Science
- Law
- Music
- Science



Mining Engineering (Honours)

2021 lowest ATAR² <5 offers

Gain a comprehensive understanding of how complex mining systems work together and pursue a career that meets the global need for minerals. Build a solid foundation of engineering principles and the essential elements of mining, including geomechanics, ventilation, mine planning and minerals processing.

- Study areas
- Geotechnical Engineering
  - Mine Design and Planning
  - Mining Engineering
  - Mining Management and Sustainability
  - Mining Systems
  - Mining Technologies
  - Rock Breakage

Career opportunities

You can work in areas such as drilling, project management, sustainability, quarry and tunnelling, community relations and management consulting in mining companies, investment firms, finance, banking and government organisations.

- Double degree options
- Advanced Mathematics (Hons)
  - Advanced Science (Hons)
  - Arts
  - Commerce
  - Computer Science
  - Engineering Science
  - Law
  - Music
  - Science

Petroleum Engineering (Honours)

2021 lowest ATAR² <5 offers

Specialise in solving problems and designing technologies for use deep underground. In this degree you'll learn to apply practical science to the challenges and problems associated with oil and gas exploration, drilling and production. You'll engage in the socio-political context of the industry throughout your study.

- Study areas
- Computer Modelling and Simulation of Oil and Gas Resources
  - Drilling Engineering
  - Formation Evaluation
  - Integrated Field Development
  - Natural Gas Engineering
  - Petroleum Geology and Geostatistics
  - Petroleum Economics
  - Reservoir Engineering

Career opportunities

You can gain employment in the oil and gas industry, oil service companies, reservoir development, computer-generated modelling, environmental organisations, as well as banking and finance.

- Double degree options
- Advanced Mathematics (Hons)
  - Advanced Science (Hons)
  - Arts
  - Commerce
  - Computer Science
  - Engineering Science
  - Law
  - Music
  - Science

Quantum Engineering

2021 lowest ATAR² 81.05

This is the first undergraduate Quantum Engineering degree in the world. You'll develop the skills required for tomorrow's engineers. Quantum engineers work in microelectronics, microwave and telecommunications with new applications being discovered every day. You'll learn how to work with a range of quantum systems, from high-frequency signals to very small electronic circuits. Learn from expert academics about quantum computers, quantum sensors and quantum communications.

- Study areas
- Programming Fundamentals
  - Digital Circuit Design
  - Electronics
  - Quantum Physics of Solids and Devices
  - Quantum Devices and Computers
  - Quantum Communications and Photonic Networks

Renewable Energy Engineering (Honours)

2021 lowest ATAR² 82.80

Explore the best ways to use renewable energy technologies in this cutting-edge degree. From solar thermal systems and photovoltaics to winds and biomass, draw on UNSW's cutting-edge resources to prepare for work in this growing industry.

- Study areas
- Biomass
  - Energy Efficiency and Appliances
  - Geothermal Systems
  - Hydro Turbine
  - Photovoltaics
  - Renewable Energy
  - Solar Architecture
  - Solar Thermal Systems
  - Tidal and Wave Energy
  - Wind Power

Career opportunities

You can work in a wide range of fields and companies in designing, installing and operating renewable energy generating systems such as wind, solar, biomass or hydro systems. Other career paths include the construction of energy efficient technology or buildings, policy, programs for developing countries and research organisations.

- Double degree options
- Advanced Mathematics (Hons)
  - Advanced Science (Hons)
  - Arts
  - Commerce
  - Computer Science
  - Engineering Science
  - Law
  - Music
  - Science

Career opportunities

Quantum Engineering is rapidly growing worldwide, meaning there are countless career and research opportunities you can pursue. You'll gain practical experience in this degree that'll prepare you for a successful career in the growing sector of next-generation electronic and communication devices. Career opportunities include leading companies like Microsoft and IBM who have large quantum engineering efforts internationally, including significant quantum activities in Australia. Local start-ups also offer a growing number of employment opportunities.

- Double degree options
- Advanced Mathematics (Hons)
  - Advanced Science (Hons)
  - Arts
  - Commerce
  - Computer Science
  - Law
  - Music
  - Science

UNSW's accreditation application with Engineers Australia for the Quantum Engineering stream is currently in progress.

Surveying (Honours)

2021 lowest ATAR² 83.70

Enjoy working indoors and outdoors in surveying that supports construction, infrastructure engineering and mapping and monitoring landscapes. In this degree you'll learn how to use GPS, laser scanners, mapping drones and surveying robots to create high-definition 3D models of the built and natural environments.

- Study areas
- Engineering and Mining Surveying
  - Cadastral Surveying and Land Law
  - Modern Geodesy
  - Navigation and Earth Observation
  - Precise GPS/GNSS Positioning
  - Satellite and Airborne Imaging
  - Surveying Applications and Design
  - Business Management
  - Sustainable Land Development and Management
  - Water and Soil Engineering

Career opportunities

Work in fields including urban and rural development, oil and gas exploration, mining and engineering construction, climate change monitoring, land management and planning, cadastral surveying and land law, hydrographic surveying as well as aerial imaging and cartography.

- Double degree options
- Advanced Mathematics (Hons)
  - Advanced Science (Hons)
  - Arts
  - Civil Engineering
  - Commerce
  - Computer Science
  - Law
  - Music
  - Science

Software Engineering (Honours)

2021 lowest ATAR² 82.50

Assumed knowledge

Mathematics Extension 1

Become an expert in creating high-quality, reliable software systems. You'll discover the processes, methods and tools for the design and development of these sophisticated systems, from code-writing to delivery. This degree will give you hands-on experience in software specification, design, implementation and testing with workshops for team-based projects.

- Study areas
- Computing
  - Software Engineering
  - Software Development
  - Software Process
  - System Design

Career opportunities

You can pursue a career in big data, logistics, security, defence, telecommunications, education, health, banking and finance as a software engineer.

- Double degree options
- Advanced Mathematics (Hons)
  - Advanced Science (Hons)
  - Arts
  - Commerce
  - Law
  - Master of Biomedical Engineering
  - Music
  - Science

Telecommunications (Honours)

2021 lowest ATAR² 81.05

In this degree you'll learn about the theory and application of a broad range of telecommunications systems such as telephone and data networks, radio and TV, satellites and deep space applications. You'll learn how to design, develop and maintain the transmission of information using different methods across the world.

- Study areas
- Data Communications Systems
  - Data Encoding
  - Compression and Encryption
  - Satellite and Optical Fibre Networks
  - Voice Communication Systems

Career opportunities

You can pursue a career with telecommunications service providers, major equipment and device manufacturers, large private industrial groups as well as small to medium service and technology providers or start-ups.

- Double degree options
- Advanced Mathematics (Hons)
  - Advanced Science (Hons)
  - Arts
  - Commerce
  - Computer Science
  - Law
  - Master of Biomedical Engineering
  - Music
  - Science

Bachelor of Civil Engineering with Architecture (Honours)

Program code 3635

Duration 4 years

2021 lowest selection rank¹ 94.00

2021 lowest ATAR² 82.50

Assumed knowledge Mathematics Extension 1 and Physics

Structure

24 Civil Engineering courses, including thesis project in final year + 8 Architecture courses + 60 days of Industrial Training

Build on your civil engineering bachelor's degree with courses in the related field of architecture. Establish a foundation in architectural principles and learn about the connection between architects and engineers. Get inspiration to become a conceptual thinker with a hybrid of aesthetic and structural expertise.

- Study areas
- Architecture
  - Civil Engineering

Career opportunities

You'll be needed by specialist structural engineering consultants, construction and contracting companies, federal, state, and local government organisations, airport and harbour authorities, project developers, financial organisations and management consultancies.

This degree is accredited by Engineers Australia.





Bachelor of Food Science (Honours)

**Program code** 3061

**Duration** 4 years

**2021 lowest selection rank<sup>1</sup>** 85.00

**2021 lowest ATAR<sup>2</sup>** 86.40

**Assumed knowledge**  
Mathematics Extension 1 and Chemistry, Physics

Build a solid background in mathematics, natural science and applied science to equip you for a career in a variety of food related professions. You'll work on food product design, professional food practice and food systems management in addition to performing thesis research.

You'll be able to use your skills as a Food Scientist to address humanitarian issues. The Humanitarian Science and Technology minor gives you the opportunity to apply your knowledge to real humanitarian practice, addressing challenges recognised by the UN Sustainable Development Goals and international humanitarian relief efforts.

**Majors**

- Food Science and Nutrition
- Food Science and Technology

**Optional Minor**

- Humanitarian Science and Technology

**Career opportunities**  
You can pursue a career in food technology, product development, quality assurance, product testing, production and laboratory management, as dietitians or safety inspectors.

**Degree curriculum is approved by the Institute of Food Technologists.**

Bachelor of Engineering (Honours)/ Master of Engineering (Electrical Engineering)

**Program code** 3736

**Duration** 5 years

**2021 lowest selection rank<sup>1</sup>** 94.00

**2021 lowest ATAR<sup>2</sup>** 86.70

**Assumed knowledge** Mathematics Extension 1 and Physics; for Bioinformatics, Mathematics Extension 1 and Chemistry; for Chemical, Chemistry, Mathematics Extension 1 and Physics, for Software, Mathematics 1 only

You'll extend your knowledge whilst working on cutting edge projects in this five-year Electrical Engineering degree. You can also study a minor in areas such as mechatronics, computing, commerce, photovoltaics, music, satellite systems, mathematics, psychology or nuclear engineering. With around 35 undergraduate and postgraduate electives to choose from – the widest choice in Australia – you can tailor your degree to suit your interests.

**Study areas**

- Energy Systems
- Microsystems
- Photonics
- Systems and Control
- Signal Processing
- Wireless and Data Networks Broadening (minor) disciplines available
- Commerce
- Computing
- Languages
- Mathematics
- Mechatronics
- Music
- Photovoltaics
- Physics
- Psychology

**Career opportunities**  
You can work in a variety of fields such as electronics, quantum computing, networking, power distribution, and robotics and control. Potential employers include energy service industries, large private industrial companies such as transport manufacturers, aerospace companies, mining companies, infrastructure service companies, electronics, networking and computing companies and small, innovative private firms that specialise in new technologies, services or products.

**This degree is accredited by Engineers Australia.**

**Structure**  
34 Integrated Electrical Engineering courses, Bachelor and Master degree  
+  
6 Broadening Discipline Electives (Minor or Free Electives)  
+  
60 days of Industrial Training

Bachelor of Engineering (Honours)/ Master of Biomedical Engineering

**Program code** 3768

**Duration** 5 years

**2021 lowest selection rank<sup>1</sup>** 90.00

**2021 lowest ATAR<sup>2</sup>** 81.15

**Assumed knowledge** Mathematics Extension 1 and Physics; for Bioinformatics, Mathematics Extension 1 and Chemistry; for Chemical, Chemistry, Mathematics Extension 1 and Physics, for Software, Mathematics 1 only

The Bachelor of Engineering (Honours) component of this double degree provides a solid background in mathematics, natural sciences and computing. In the Master of Biomedical Engineering you'll learn principles for the development of technologies and solutions in healthcare-related fields such as implantable bionics and robotic surgery.

**Disciplines**

- Bioinformatics Engineering
- Chemical Engineering

**Career opportunities**  
You can pursue careers with pharmaceutical companies, hospitals, scientific research institutions in fields such as medical device manufacturing and biotechnology.

**This degree is accredited by Engineers Australia.**

**Career opportunities**

- Computer Engineering
- Electrical Engineering
- Mechanical Engineering
- Mechatronic Engineering
- Software Engineering
- Telecommunications

**Structure**  
28 Bachelor of Engineering (Hons) courses  
+  
12 Master of Biomedical Engineering courses  
+  
60 days of Industrial Training





**Tackle tomorrow's big challenges by immersing yourself in the real-world application of law and justice. Sharpen your mind by exploring complex ideas and learn from a faculty that's driven by an ethos of justice for all.**



Graduate job-ready and navigate your career opportunities with dedicated support from a careers service that is exclusively for Law & Justice students.



Build confidence in your ideas and develop close-knit relationships with your teachers and peers in our small, interactive classes.



Embody our ethos of justice for all through real legal practice, helping members of the local community at our onsite community legal centre.



For more information, visit [law.unsw.edu.au](http://law.unsw.edu.au)

# Law & Justice



### Join a top global Law School

Ranked the 14<sup>th</sup> in the world and 15<sup>th</sup> for Employer Reputation in the 2020 QS World Rankings, UNSW Law & Justice has been Australia's leader in progressive and rigorous legal education and research for 50 years.

### Benefit from small classes

Seminar-style classes give you the chance to ask questions, expand your ideas, expand your critical and analytical mind, and get to know your peers and lecturers. Be part of the student-focused, interactive teaching environments that pioneered Australian legal education.

### Join our Societies

Form new friendships, excel in your studies and develop your professional skills and passion for social justice. UNSW Law Society is one of the country's most respected student-run law organisations, and UNSW Criminology Society has a rich history in advocating for social justice.

### Extensive clinics and internships

Apply what you learn in the classroom to real life practice with the wide range of practical experiences available. For more information, visit [law.unsw.edu.au/experiential-learning](http://law.unsw.edu.au/experiential-learning)

### Global opportunities

Build a global experience into your degree. You can do an exchange, an overseas Law elective course or an internship abroad. Overseas electives and exchange can take you to places like Brazil, China, India, Switzerland, USA or Vanuatu. There are more than 80 exchange destinations at leading law schools around the world.

To view a full list of our exchange destinations, visit [student.unsw.edu.au/partners](http://student.unsw.edu.au/partners)

### Exclusive Careers Service

Secure a rewarding job at the end of your studies with support from our dedicated Careers Service. Drawing upon their extensive experience working as lawyers and criminologists in Australia and overseas, our careers team collaborates with employers, recruitment agencies and UNSW alumni to source and promote opportunities for students. For more information, visit [law.unsw.edu.au/students/careers](http://law.unsw.edu.au/students/careers)

Law & Justice Moot Court



### End-to-end legal education

Completing a Bachelor of Laws is your first step towards becoming a lawyer, followed by Practical Legal Training (PLT). All law graduates in Australia must complete PLT to practise as a lawyer. UNSW's PLT is the Graduate Diploma in Legal Professional Practice (GDLPP), so you can graduate with all the qualifications you need to launch your legal career.

**Step 1** – Complete your Bachelor of Laws (LLB).

**Step 2** – Complete your GDLPP at UNSW.

**Step 3** – Apply to the Supreme Court for admission to practice.

For more information, visit [law.unsw.edu.au/plt](http://law.unsw.edu.au/plt)



# Law Admission Test (LAT)

UNSW has always been a destination of choice for students wanting to study law. Demand is strong, places are limited and the ATAR can only tell us so much about applicants.

If you're a domestic applicant (Australian citizen, permanent resident, permanent humanitarian visa holder or a New Zealand citizen) and you want to study the Bachelor of Laws (LLB) at UNSW, you'll need to sit the Law Admission Test (LAT).

The LAT is a two-hour test designed to assess your skills in thinking critically, analysing material, and organising and expressing ideas. It doesn't require any law specific knowledge, so the best way to prepare is continue your studies and download the practice paper from [lat.acer.org/practice-material](http://lat.acer.org/practice-material)

## Who is eligible to sit the 2021 LAT?

- Students in Year 11 and 12 in 2021. Your LAT results are valid for two years, and we only look at your best LAT result.
- Students who are studying at another university and want to transfer into the Bachelor of Laws at UNSW.
- Students who have completed high school, but are not currently at university (e.g. on a gap year).

If you're applying to Law and undertaking the UNSW Indigenous Pre-Law program or the UNSW Gateway program you are not required to sit the LAT, your application is assessed differently. International students are not eligible to sit the LAT.

## How are LAT results used?

You'll be assessed for entry based on your LAT scores and your academic results (ATAR or equivalent plus adjustment factors).

Academic results are combined with the LAT score on a sliding scale. All students who complete the LAT receive a boost to their Selection Rank. The higher the LAT score, the larger the boost that places you further up the ranked list.

Your academic results (ATAR plus adjustment factors) remain an important component of the selection criteria. For more information, visit [law.unsw.edu.au/LAT](http://law.unsw.edu.au/LAT)

## LAT registration details

- Registrations open:** Monday 3 May 2021
- Standard registrations close:** Friday 13 August 2021
- Late registrations close:** Wednesday 8 September 2021 (a late fee will apply).
- Test date:** Thursday 30 September 2021
- Cost**
- Standard registration:** \$189
- Concession registration:** \$100
- Late registration:** additional \$50
- To register, visit [lat.acer.org/register](http://lat.acer.org/register)

## Internal Program Transfer

If you're studying a non-law degree at UNSW and wish to transfer to the Bachelor of Laws, you're not required to sit the LAT or apply via UAC. UNSW Law & Justice reserves up to 100 places each year for IPT students who:

- have completed a minimum of 48 units of credit (UOC) at UNSW; and
- have not failed any course; and
- are not in the final year of their current program.

Apply for IPT via myUNSW, For more information visit [student.unsw.edu.au/ipt](http://student.unsw.edu.au/ipt)

## Where is the LAT held?

The LAT is held in Canberra and Sydney. The test venue details will be released approximately two weeks before the test date

## Remote proctoring

Remote proctoring involves sitting the LAT with ProctorU under live supervision using your own computer in a suitable location with internet connectivity. Remote proctoring is only available on the main test day, Thursday 30 September 2021.

In 2021 you can complete the LAT via remote proctoring if you won't be able to attend the test centre in Sydney or Canberra. You must apply for remote proctoring as part of the LAT online registration process. An additional fee applies (\$156), except for concession eligible applicants. Applications for remote proctoring must be submitted by 5pm AEST Friday 13 August 2021.

For more information, visit [lat.acer.edu.au/register/apply-for-remote-proctoring](http://lat.acer.edu.au/register/apply-for-remote-proctoring)

# Bachelor of Laws

**Entry** Selection rank (ATAR + adjustment factors) + LAT score

**2021 lowest selection rank<sup>1</sup>** 92.90 + LAT

**2021 lowest ATAR<sup>2</sup>** 86.05\*

**Assumed knowledge** For Law component, none. For non-Law component refer to the relevant degree.

## Sample structure

5 years FT

**Year 1** 3 x Law core and 5 x non-law

+

**Year 2** 3 x Law core and 5 x non-law

+

**Year 3** 5 x Law core and 3 x non-law

+

**Year 4** 5 x Law core and 3 x non-law

+

**Year 5** 1 x prescribed Law elective, 7 x Law electives

\* The Lowest ATAR to which an offer was made, for this program, is based on a UNSW Gateway Early Conditional Offer.

The Bachelor of Laws (LLB) is a double degree program, which means you pair your legal studies with a bachelor's degree in a non-law field of study. This increases your understanding of the wider social implications of law. Our student-focused, interactive teaching approach emphasises experiential learning to teach you analytical and practical skills needed in a wide range of careers.

Please note: While there's no assumed knowledge for the Bachelor of Laws component of your double degree, there may be assumed knowledge for the non-law component. Please check with the relevant faculty for clarification or visit [degrees.unsw.edu.au](http://degrees.unsw.edu.au)

## Adjustment factors accepted for the LLB:

- Points awarded under the Educational Access Scheme (EAS). Visit [uac.edu.au/eas](http://uac.edu.au/eas)
- Points awarded under the AAA Scholarship scheme. Visit [scholarships.unsw.edu.au](http://scholarships.unsw.edu.au)

Choosing UNSW Law was an easy decision for me, it has such a dynamic environment and unique way of teaching. Studying Law alongside Politics, Philosophy and Economics has been the best decision I have made, there is such a strong intersection between the two degrees. Being able to study four disciplines has meant that no two academic terms are the same, and that is what makes this degree so interesting.

Emily Ramsay, Bachelor of Politics, Philosophy and Economics/Bachelor of Laws





# Bachelor of Criminology and Criminal Justice

**Program code** 3422

**Duration** 3 years (+ 1 year Honours option)

**2021 lowest selection rank<sup>1</sup>** 80.00

**2021 lowest ATAR<sup>2</sup>** 70.15

**Assumed knowledge** None

The LAT is not required for entry into this program

Explore the complexities of criminal justice, crime prevention and law enforcement in this hands-on interdisciplinary degree. Imagine a more just future by gaining practical experience in today's real-world issues like pill testing, sexual violence, victimisation and Indigenous justice. You'll also develop in-demand skills in critical thinking and policy analysis studying broader topics such as security, policing, alternative justice systems, criminalisation and regulation.

**Career opportunities**

Our Criminology degree combines knowledge with real-world practice, ensuring you're well equipped for a career in the criminal justice sector. Your future opportunities include working with federal and state police, prisons and probation, or a career as a policy analyst in research. Our graduates can be found in diverse roles across policing, corrections, national security, intelligence, crime prevention, insurance and customs.

**Sample structure**  
Criminology Core and Electives  
+  
Social Science Core  
+  
Electives

## Law & Justice double degrees

Program code	Degree	Duration	Program code	Degree	Duration
4737	Actuarial Studies/Law	5 years	4792	Media (Communication & Journalism)/Law	5 years
3998	Advanced Mathematics (Hons)/Law	6 years	4789	Media (PR & Advertising)/Law	5 years
3997	Advanced Science (Hons)/Law	6 years	4752	Media (Screen & Sound Production)/Law	5 years
4782	Arts/Law	5 years	4755	Medicinal Chemistry (Hons)/Law	6.7 years
4783	Arts & Business/Law	6 years	4774	Music/Law*	6 years
4706	City Planning (Hons)/Law	6.7 years	4797	Politics, Philosophy & Economics/Law	6 years
4733	Commerce/Law	5 years	4722	Psychological Science/Law	5 years
3786	Computer Science/Law	5 years	4721	Psychology (Hons)/Law	6 years
4763	Criminology & Criminal Justice/Law	5 years	4770	Science/Law	5 years
4795	Data Science & Decisions/Law	5.7 years	4772	Science & Business/Law	6 years
4744	Economics/Law	5 years	4787	Social Work (Hons)/Law	6.7 years
3765	Engineering (Hons)/Law	6.7 years	4871	Social Science/Law	5.7 years
4759	Fine Arts/Law	5 years	4034	Social Work (Hons)/Criminology Criminology & Criminal Justice	5 years
4788	International Studies/Law	6 years			

\*Auditions are required for this degree. Visit [arts.unsw.edu.au/sam](https://arts.unsw.edu.au/sam)

➤ To see a list of all UNSW double degrees, turn to page 84.

The Law Building





Prepare yourself for the future of health and join a community focused on improving life for all.



You'll research and make discoveries, build analytical and communication skills and develop a creative, open-minded approach to medicine and health.



From the first year of your degree you'll experience clinical, hands-on training, interacting with patients and health professionals in some of Australia's largest hospitals and health organisations.



Make a difference as you apply your skills to real patients and global health problems. Join a supportive community focused on improving health outcomes for all.



For more information, visit [med.unsw.edu.au](https://med.unsw.edu.au)

Exercise Physiology practical learning environment

# Medicine & Health





Exercise Physiology practical learning environment

## Applying for the Bachelor of Medical Studies/Doctor of Medicine

To study the BMed/MD at UNSW, you must sit the annual University Clinical Aptitude Test (UCAT ANZ). You'll also need to apply through UNSW's Medicine Application Portal before submitting a UAC application. The final step for entry into the degree is an interview which if successful, you'll be offered a place to study medicine at UNSW.

**Step 1** – Register for the UCAT ANZ

**Step 2** – Sit the UCAT ANZ

**Step 3** – Apply via Med Application Portal

**Step 4** – Submit a UAC Application

For more information about applying for Medicine and types of entry, visit [med.unsw.edu.au/med-how-to-apply](https://med.unsw.edu.au/med-how-to-apply)

For more information on the UCAT ANZ, visit [ucat.edu.au/ucat-anz](https://ucat.edu.au/ucat-anz)

Special admission schemes are also available:

### Rural Student Entry Scheme

[rcs.med.unsw.edu.au/rural-student-entry-scheme](https://rcs.med.unsw.edu.au/rural-student-entry-scheme)

### Indigenous Entry Scheme

[rcs.med.unsw.edu.au/indigenous-entry-medicine](https://rcs.med.unsw.edu.au/indigenous-entry-medicine)

### Gateway Medicine Entry Scheme

[unsw.to/med-pathways](https://unsw.to/med-pathways)

## Key dates

### UCAT ANZ bookings open:

1 March 2021

### Medicine Information Evening:

17 March 2021. Check [events.unsw.edu.au](https://events.unsw.edu.au) for more information

### UCAT ANZ booking deadline:

17 May 2021

### UCAT ANZ test dates:

1 July – 11 August 2021

### Medicine application portal closes:

30 September 2021

*\*Dates correct at time of publication.*

## Study the most in-demand degree

The Bachelor of Medical Studies/Doctor of Medicine was the most popular first-preference choice in NSW for school leavers in 2018-2021 due to the quality of the training delivered by accomplished researchers, teaching staff and clinicians. Secure a place in this sought-after program to stand out from the pack and set yourself up for an exciting career in medicine.

## Learn from leaders in the field

We're driven by innovation and excellence in health and medicine. UNSW ranks 46th in the world for Medicine\* and is among Australia's leaders in medical education and research. Learn from world leaders in the fields of cancer, neuroscience, mental health, addiction, infectious disease, immunity and inflammation, and non-communicable disease such as cardiovascular disease.

\*QS World University Rankings by Subject 2020

## Access world class bio-medical and clinical training facilities

Have clinical training in some of Australia's largest metropolitan and rural hospitals. You'll benefit from UNSW's leadership role in the broader Sydney Health Randwick Precinct development and access to cutting edge learning environments that translate research into community impact.

## Hands-on learning

Immerse yourself in hands-on learning with patient interactions from year one. Your practical study will help you develop as a skilled health professional and innovative clinician proficient in research and teamwork.



# Bachelor of Medical Studies/Doctor of Medicine

**Program code** 3805

**Duration** 6 years

**Entry**  
Selection Rank + UCAT ANZ + interview

**2021 lowest selection rank<sup>1</sup>** ATAR + UCAT ANZ + interview

**2021 lowest ATAR<sup>2</sup>**  
– Local Entry 97.20  
– Rural Entry 91.65

**Assumed knowledge**  
English Standard. English as a Second Language and Fundamentals of English are not considered suitable preparation.

This award-winning double degree is the most in-demand undergraduate degree for high school leavers in NSW. Starting with your first course, you'll be learning in real hospitals\* and within our state-of-the-art Clinical Skills Centre, gaining hands-on experience and vital clinical skills to tackle the constantly evolving and complex issues in the medical industry. You'll become a life-long learner with a high level of professionalism and an outcomes-based approach to your practice.

Although the entire program needs to be completed, it can be broken down into two parts - the BMed and the MD components. The program consists of:

**Bachelor of Medical Studies (BMed)**  
Collaborative learning and teamwork are cornerstones of the Bachelor of Medical Studies. Phase 1 begins with the Foundations course, which includes basic medical and social sciences examining the human life cycle, social, ethical and legal issues. You'll also sharpen your clinical and communication skills from Phase 1. In Phase 2 you'll have increased clinical exposure through hospital placements combined as well as ongoing learning in biomedical sciences.

**Doctor of Medicine (MD)**  
The MD includes the Independent Learning Project (ILP) followed by clinical courses in internal medicine, surgery, psychiatry, primary care, obstetrics, gynaecology and paediatrics. There's also an elective clinical course that you can undertake interstate or overseas. Phase 3 consists of ten eight-week courses with a clinical focus and includes relevant content from the biomedical sciences and the social sciences. When you complete these phases, you'll receive a provisional registration so you can begin a hospital internship before being recognised as a medical practitioner. UNSW Medicine & Health offers select students an opportunity to complete the Medicine program at our campuses in Kensington, Port Macquarie and Wagga Wagga.

**Career opportunities**  
Graduates who obtain full registration from the Medical Board of Australia are able to work as medical practitioners in hospitals and private practices. Further study and experience will allow you to specialise in a specific area of medicine, such as general practice, paediatrics, cardiology, oncology, general surgery, orthopaedics, pathology, radiology, or psychiatry. There are also career opportunities in medical research, health policy and medical education.

**Majors**

- Medical Studies
- Doctor of Medicine

**Professional recognition**  
After completing the formal degree requirements for the award of the BMed/MD degrees, you'll be provisionally registered by the Medical Board of Australia to work for at least one year in selected hospitals in an internship before obtaining final registration as a medical practitioner. Please note that international students are not guaranteed an internship position.

For further information on medicine entry visit [med.unsw.edu.au/med-how-to-apply](http://med.unsw.edu.au/med-how-to-apply)

**Double degree options**

- Arts



What I love about the medicine faculty, and UNSW as a whole, is that they really encourage you to become involved in student life and have a healthy study/ life balance. There are so many different societies to join and new ones starting up all the time.

—  
Rashmi Jayathilake, Bachelor of Medical Studies/Doctor of Medicine

\* Subject to COVID-19 related restrictions and modifications in 2021

# Bachelor of Exercise Physiology

**Program code** 3871

**Duration** 4 years

**2021 lowest selection rank<sup>1</sup>** 83.00

**2021 lowest ATAR<sup>2</sup>** 71.25

**Assumed knowledge**  
Mathematics Advanced and Chemistry

Play a vital role in the prevention and management of chronic disease and injury and pursue rewarding careers in a range of clinical work environments including public and private hospitals, aged care facilities, physical activity programs and workplace health and rehabilitation. You'll benefit from expert training in the medical sciences and gain clinical practice within our faculty.

This degree provides you with a comprehensive education in health and exercise – from foundational courses in chemistry and molecular biology, to anatomy, physiology and pathology. In the final stages of your degree, you'll undertake advanced clinical exercise physiology specialisations tailored to your preferred career and have the opportunity to complete research internships with experts in the field.

**Majors**

- Exercise Physiology

**Career opportunities**  
Exercise Physiologists work in private practice, hospitals, medical clinics, or research in the area of exercise for the prevention and management of chronic disease such as musculoskeletal and neuromuscular disorders, and cardiopulmonary and metabolic conditions.

**Professional recognition**  
The UNSW Bachelor of Exercise Physiology is accredited with Exercise and Sports Science Australia (ESSA) [essa.org.au](http://essa.org.au), the national governing body for the Exercise Physiology profession.

Upon graduation, you'll be eligible for the dual ESSA qualifications of Accredited Exercise Scientist and Accredited Exercise Physiologist.





# Bachelor of International Public Health

**Program code** 3880

**Duration** 3 years (dual mode)

**2021 lowest selection rank**<sup>1</sup> 80.00

**2021 lowest ATAR**<sup>2</sup> 75.35

**Assumed knowledge**  
English Standard

**Structure**  
Introduction to Global and Public Health  
+  
Core Public Health Disciplines  
+  
Electives and Public Health Capstone (Project or Internship)

Want to address global health issues and join passionate health professionals working across borders? Unlike other Australian undergraduate public health programs, the Bachelor of International Public Health (BIPH) is internationally integrated with courses aimed at improving the health of populations worldwide.

Courses focus on infectious disease challenges, Indigenous and environmental health, women and children's health, and global chronic disease prevention. You'll also complete a capstone experience in the final year, which may include options to study abroad, take an internship placement or a research project.

You can study this degree entirely online in order to meet other commitments or suit your geographic location. You can also study select courses on campus and learn in a way that best suits you. The degree includes unique coursework from two of the world's leading universities – UNSW Sydney and Arizona State University (ASU).

**Career opportunities**  
Graduates will be equipped with core skills for a career in international public or population health: epidemiology, health promotion, surveillance and disease prevention. That career could involve contributing to population health programs in local or state health departments or designing and/or evaluating interventions to reduce the burden of disease while working in multinational and development agencies. You may be interested in pursuing research career in public health or seek higher studies, such as a graduate medical program, Master's program or PhD.

**Majors**

- International Public Health



Vision Science practical learning environment

# Bachelor of Vision Science

**Program code** 3181

**Duration** 3 years

**2021 lowest selection rank**<sup>1</sup> 92.00

**2021 lowest ATAR**<sup>2</sup> 87.00

**Assumed knowledge**  
Mathematics Advanced, Chemistry, Physics, English Advanced

**Structure**  
Vision Science Core Courses  
+  
General Education Non-Science Courses

Vision Science is the study of the mechanisms that allow us to visualise the world. You'll learn about the sensory processes that underlie vision and the development and use of vision-related technologies. This degree develops scientists who understand how we see and interact with our world. You'll develop a deep understanding of a broad range of areas including sensation and perception, psychophysics, optics, anatomy and functioning of the eye, oculo-visual disorders, introductory pharmacology, visual aids and dispensing, the consulting room interface, research design and methods and experimentation.

**Career opportunities**  
You'll be equipped with core skills and in-depth knowledge in to work in eye health sector spanning clinical settings, health promotion in government and non-government organisations and the ophthalmic industry.

You can work in wide range of optics, vision science and ophthalmology research laboratories that develop vision correction devices such as contact lenses, spectacles, ocular implants, imaging, and drug development.

You may be interested to pursue further study in a clinical discipline in optometry, orthoptics or rehabilitation for people with vision impairment (Diploma in Orientation and Mobility) or seek higher studies with an honours year, leading to a Masters or PhD.

# Bachelor of Vision Science/Master of Clinical Optometry

**Program code** 3182

**Duration** 5 years

**2021 lowest selection rank**<sup>1</sup> 99.20

**2021 lowest ATAR**<sup>2</sup> 91.50

**Assumed knowledge**  
Mathematics Advanced, Chemistry, Physics and English Advanced

**Structure**  
Vision Science Core Courses  
+  
Clinical Optometry Masters Courses  
+  
General Education Non-Science Courses

This degree combines the theory behind vision science with the clinical art of primary eye care. Graduates can register as an optometrist in Australia. You'll study the physiology of the eye, the diagnosis and management of people with ocular disease or with special needs (children, low vision, sports vision, workplace needs), the psychophysics of vision and the neuroscience of the brain.

**Career opportunities**  
You can pursue a career as an optometrist, and may specialise in clinical practice, paediatric optometry, contact lenses, public health, sports vision or low vision rehabilitation. You can also seek careers in eye and vision research or as a consultant to ophthalmic industries.

**Professional accreditation**  
Graduates of this program can register as an Optometrist in Australia



# Science



**Think big and form deeper connections with our world. Allow your curiosity to be inspired as you discover your own path, exploring areas of science to prepare you with the skills needed for tomorrow's workforce.**



Tailor your degree at one of the largest and most diverse Science faculties in Australia, where your choices include flexible double degrees and cross-disciplinary options.



Join a community of world-leading researchers and inspiring educators who are using science to improve lives and communities around the world.



Reach your career goals with industry relevant skills and training. Tap into our network of 400+ industry and research partners to start building your own professional connections.



For more information, visit [science.unsw.edu.au](https://science.unsw.edu.au)



### Embrace a career with impact

The brightest minds converge to learn, explore and discover at UNSW Science. Join a vibrant and welcoming community that prepares you for real-world challenges and future leadership opportunities. In our technology-centric world, there's increased demand for skilled scientists in a range of careers. Benefit from our leading industry partners and be equipped to achieve your career goals and make an impact.

### Learn from world-class teachers

Study with innovative, passionate and pioneering educators, including quantum physicist and 2018 Australian of the Year Professor Michelle Simmons AO, Nobel Laureate Sir Fraser Stoddart, leading marine ecologist and Dean of Science, Professor Emma Johnston AO and ground-breaking recycling scientist Professor Veena Sahajwalla.

### Make profound scientific discoveries

Collaborate, explore and achieve with world-class laboratories, clinics and simulators giving you the tools to explore new frontiers and make meaningful scientific discoveries to benefit society.





Bachelor of Advanced Science (Honours)

**Program code** 3962

**Duration** 4 years

**2021 lowest selection rank**<sup>1</sup> 93.00

**2021 Lowest ATAR**<sup>2</sup> 81.00

**Assumed knowledge**  
Chemistry, Mathematics Advanced or Mathematics Extension 1 (depending on chosen area of study) plus one or more of Biology, Earth and Environmental Science, Physics

Are you an innovative thinker with exceptional scientific knowledge and skills? This is the degree for you. It includes advanced courses and an Honours year to challenge only the brightest minds. The Advanced Science (Honours) program has 26 majors to choose from and an honours year that includes a supervised research project.

**Career opportunities**  
You can work in a range of settings including public sector research in universities and government institutes such as the CSIRO. Other careers include private sector research in pharmaceuticals and biotechnology companies, public policy, health and environmental related non-profits, market research and product development, management, technical and environmental consulting, data analytics, medical sales and science communication.

**Majors**

- Advanced Physical Oceanography
- Advanced Physics
- Anatomy
- Bioinformatics
- Biology
- Biotechnology
- Chemistry
- Climate Dynamics
- Climate Systems Science
- Earth Science
- Ecology
- Genetics
- Geography
- Immunology
- Marine and Coastal Science
- Materials Science
- Mathematics
- Microbiology
- Molecular and Cell Biology
- Neuroscience
- Pathology
- Pharmacology
- Physiology
- Psychology
- Statistics
- Vision Science

**Structure**  
Major (choose one or two)  
+  
Introductory Skills for Science  
+  
Science Electives  
+  
Free Electives (from any faculty at UNSW)  
+  
General Education  
Non-Science Courses  
+  
1 Year Honours

Bachelor of Science

**Program code** 3970

**Duration** 3 years (+ 1 year Honours option)

**2021 lowest selection rank**<sup>1</sup> 80.00

**2021 Lowest ATAR**<sup>2</sup> 68.95

**Assumed knowledge**  
Chemistry, Mathematics Advanced or Mathematics Extension 1 (depending on chosen area of study) plus one or more of Biology, Earth and Environmental Science, Physics.

If you want a career in science but aren't sure which field to choose, this flexible degree is for you. Choose what interests you from a broad range of courses and expand your general understanding of scientific principles in your first year. Then choose from a wide selection of majors in your second and third year of study.

**Career opportunities**  
Exciting roles in business, industry, government and universities await you. You can work in areas as diverse as pharmaceutical and medical research, public policy, occupational health and safety, environmental research and industry, new product manufacturing, forensic science, patent law, cognitive science, oceanography, food manufacturing, science education and communication, meteorology, optics and applications of mathematics and statistics in the finance industry.

**Majors**

- Anatomy
- Bioinformatics
- Biology
- Biotechnology
- Chemistry
- Earth Science
- Ecology
- Food Science
- Genetics
- Geography
- Immunology
- Marine and Coastal Science
- Materials Science
- Mathematics
- Mathematics for Education
- Microbiology
- Molecular and Cell Biology
- Neuroscience
- Pathology
- Pharmacology
- Physical Oceanography
- Physics
- Physiology
- Psychology
- Statistics
- Vision Science

**Structure**  
Major  
+  
Science Electives  
+  
Free Electives (from any faculty at UNSW)  
+  
General Education  
Non-Science Courses

Bachelor of Science (International)

**Program code** 3987

**Duration** 4 years

**2021 lowest selection rank**<sup>1</sup> 85.00

**2021 Lowest ATAR**<sup>2</sup> 81.75

**Assumed knowledge**  
Chemistry, Mathematics Advanced or Mathematics Extension 1 (depending on chosen area of study) plus one or more of Biology, Earth and Environmental Science, Physics.

Scientists today need to be experts in their field and work collaboratively with scientific professionals around the world. This degree focuses on a Science major combined with cross-cultural skills, knowledge and understanding. It includes subsidised study overseas at a UNSW partner university.

**Career opportunities**  
This is a flexible degree with a broad range of career options you can pursue in Australia and overseas. You can be employed in a variety of science and technology-based roles in management, research, communications and policy development within international government and non-government organisations, and private sector companies.

**Structure**  
Major  
+  
Science Electives  
+  
Directed Electives  
+  
Free Electives (from any faculty at UNSW)  
+  
Language Minor

**Majors**  
You'll need to complete one approved Bachelor of Science (International) major and one language minor from the available disciplines.

**Science discipline areas**  
Refer to Bachelor of Science.

**Language discipline areas**

- Chinese Studies
- French Studies
- German Studies
- Indonesian Studies
- Japanese Studies
- Korean Studies
- Spanish and Latin American Studies

**Note**  
You'll need to complete an international exchange of 24 - 48 units of credit (4 - 8 courses) at an approved UNSW overseas partner university.

Bachelor of Science and Business

**Program code** 3925

**Duration** 3 years

**2021 lowest selection rank**<sup>1</sup> 85.00

**2021 Lowest ATAR**<sup>2</sup> 77.95

**Assumed knowledge**  
Chemistry, Mathematics Advanced or Mathematics Extension 1 (depending on chosen area of study) plus one or more of Biology, Earth and Environmental Science, Physics.

You can change the world for the better when you pursue a business career in a scientific industry. This degree is two-thirds Science and one-third Business. You'll graduate with skills required to work in the scientific industry as well as an understanding of commercial environments.

**Career opportunities**  
You can work in a variety of research, communication, leadership and management roles in science and technology-based public and private sectors. You'll be skilled in the commercial applications of scientific research giving you a competitive edge among other graduates. Examples include brand manager, product development manager, medical sales and technical specialist and marketing and communications specialist. Recent UNSW Science graduates have started a variety of successful science-based commercial businesses.

**Structure**  
Major  
+  
Science Electives  
+  
Foundation Business Courses  
+  
4 Business Electives

**Majors**

- Anatomy
- Bioinformatics
- Biology
- Biotechnology
- Chemistry
- Earth Science
- Ecology
- Food Science
- Genetics
- Geography
- Marine and Coastal Science
- Materials Science
- Mathematics
- Microbiology
- Molecular and Cell Biology
- Neuroscience
- Pathology
- Pharmacology
- Physical Oceanography
- Physics
- Physiology
- Psychology
- Statistics
- Vision Science.

**Double degree options**

- Law



# Bachelor of Aviation (Flying)

**Program code** 3980

**Duration** 3 years

**2021 lowest selection rank<sup>1</sup>** 80.00 + Interview

**2021 Lowest ATAR<sup>2</sup>** 72.95

**Assumed knowledge**  
Mathematics Advanced

**Dreaming of becoming a pilot?** You'll learn the science behind aviation as well as earn your flying licences. You'll combine the study of theory with up to 200 hours of flight training and about 30 hours of simulator training. Our aviation management courses will prepare you for the demands of industry roles.

**Career opportunities**  
This degree will provide you with the skills and accreditation to work as a pilot for regional or major commercial airlines, training centres, charter flights or as an aerial surveyor.

**Professional accreditation**  
This degree is professionally recognised.

**Important information**  
You'll need to pay for the flight training costs portion of this degree. In 2022, the anticipated standard cost of flight training to obtain the minimum of a Commercial Pilot License (CPL), Instrument Rating - Multi Engine Aeroplane, and ATPL (Frozen) is \$139,500 (some elective fees and extra flying fees may apply). Additional flying costs are incurred depending on your choice of third year flying practicum and if more than the 200 flight hours are required to achieve proficiency in any aspect of the flight training.

**Admission**  
In addition to your ATAR (or equivalent), Aviation (Flying) requires an internal application directly to and interview with the UNSW School of Aviation. If successful, you'll need to obtain a Class 1 Civil Aviation Authority (CASA) medical examination before flying training commences in your second year.

# Bachelor of Aviation (Management)

**Program code** 3981

**Duration** 3 years

**2021 lowest selection rank<sup>1</sup>** 80.00

**2021 Lowest ATAR<sup>2</sup>** 73.90

**Assumed knowledge**  
Mathematics Advanced

**Immerse yourself in the practices of aviation management in this degree.** You'll undertake a range of courses in management areas such as operations management, aviation economics, law and regulations, airline marketing and safety. Please note this degree does not provide training or accreditation to work as a pilot.

**Career opportunities**  
You'll gain the skills you need to manage various aspects of airlines, freight companies, regulatory authorities, defence forces or airports. Specific roles you could pursue include Airfreight Manager, Airport Planner, Flight Crew Scheduler, Aviation Consultant, Flight Analyst, Flight Safety Investigator, Aviation Revenue Manager and Airport or Fleet Planner.

**Double degree options**

- Commerce

**Structure**  
Aviation Management Core Courses  
+ Aviation Elective Courses  
+ Free Electives (from any faculty at UNSW)  
+ General Education Non-Science Courses

# Bachelor of Biotechnology (Honours)

**Program code** 3053

**Duration** 4 years

**2021 lowest selection rank<sup>1</sup>** 83.00

**2021 Lowest ATAR<sup>2</sup>** 73.10

**Assumed knowledge**  
Mathematics Advanced, Chemistry

**Biotechnologists work at the forefront of pharmaceuticals, food, industrial chemicals, crop and livestock farming, environmental clean-up and forensics.**

In this four-year degree, you'll begin with the fundamentals of science. Building upon this core knowledge you'll delve deeper into the multidisciplinary world of biotechnology, with courses including molecular biology, microbiology, chemistry and genetics. An Honours year will then extend your research and critical thinking skillset. You'll join a research team in the School of Biotechnology and Biomolecular Sciences to complete a supervised research project and thesis.

**Career opportunities**  
Become a scientist or researcher with medical, biological or pharmaceutical research organisations. Our graduates are working as research and development managers, clinical trial associates, in government regulation and policy, industry regulatory affairs and intellectual property management. You can also pursue career opportunities in marketing, sales, biotech investment and finance, and business development.

**Structure**  
Biotechnology Core Courses  
+ Biotechnology Elective Courses  
+ Free Electives (from any faculty at UNSW)  
+ General Education Non-Science Courses  
+ 1 Year Honours

# Bachelor of Data Science and Decisions

**Program code** 3959

**Duration** 3 years

**2021 lowest selection rank<sup>1</sup>** 90.00

**2021 Lowest ATAR<sup>2</sup>** 84.05

**Assumed knowledge**  
Mathematics Extension 1

**As billions of devices feed data to central databases, businesses and governments require experts to interpret that data. In this degree you'll gain the theoretical and practical skills required to unlock insights within data to help make informed decisions and address business challenges. Your education will combine mathematical methods, statistics, computing and business decisions with essential communication skills so you can effectively interpret and present data.**

**Career opportunities**  
From industries as varied as health, defence and finance, to agriculture, media and technology, there is a growing reliance on data science professionals to deliver meaningful business insights. Upon graduation you'll be able to pursue a career as a Business Analyst, Data Scientist, Data Engineer, Data Analyst, Data Manager, Data Architect, Database Administrator, Forecast Modeller, Reporting Analyst, Statistician and University Educator.

**Majors**

- Business Data Science
- Computational Data Science
- Quantitative Data Science

**Double degree options**

- Law

**Structure**  
Data Science Core Courses  
+ Major  
+ Free Electives (from any faculty at UNSW)  
+ General Education Non-Science, Engineering Or Business Courses





## Bachelor of Environmental Management

<b>Program code</b> 3965	<p>Environmental scientists help shape policy and regulations to create sustainable solutions to environmental problems. You'll learn the theory and practical skills needed to influence environmental decisions by learning how to create a balance between economic, social and environmental concerns. Hands-on learning experiences will empower you to tackle real-world problems.</p>	<b>Majors</b>
<b>Duration</b> 3 years (+ 1 year Honours option)		<ul style="list-style-type: none"><li>• Biology</li><li>• Earth Science</li><li>• Ecology</li><li>• Environmental Chemistry</li><li>• Geography</li><li>• Marine and Coastal Science</li></ul>
<b>2021 lowest selection rank</b> <sup>1</sup> 80.00		<b>Double degree options</b>
<b>2021 Lowest ATAR</b> <sup>2</sup> 68.80		<ul style="list-style-type: none"><li>• Arts</li></ul>
<b>Assumed knowledge</b> Mathematics Advanced, Biology plus Chemistry (depending on area of study)	<b>Career opportunities</b> You can work as an Environmental Consultant, Policy Developer or Researcher within industry or government. Potential employers may include National Parks and Wildlife Service or the Environmental Protection Authority.	
<b>Structure</b> Environmental Management Core Courses + Major + Elective Courses + Free Electives (from any faculty at UNSW) + General Education Non-Science Courses		

## Bachelor of Life Sciences

<b>Program code</b> 3966	<p>Life Sciences brings together biological, environmental and medical sciences. If you're curious about life, from the way things work at the molecular level to the study of entire ecosystems, this degree is perfect for you. It's also a pathway to postgraduate study, especially in the health and medical fields.</p>	<b>Majors</b>
<b>Duration</b> 3 years (+ 1 year Honours option)		<ul style="list-style-type: none"><li>• Anatomy</li><li>• Biology</li><li>• Biological Chemistry</li><li>• Biotechnology</li><li>• Ecology</li><li>• Genetics</li><li>• Immunology</li><li>• Marine and Coastal Science</li><li>• Microbiology</li><li>• Molecular and Cell Biology</li><li>• Pathology</li><li>• Pharmacology</li><li>• Physiology</li><li>• Psychology</li></ul>
<b>2021 lowest selection rank</b> <sup>1</sup> 80.00		<b>Double degree options</b>
<b>2021 Lowest ATAR</b> <sup>2</sup> 67.20*		<ul style="list-style-type: none"><li>• Arts</li></ul>
<b>Assumed knowledge</b> Mathematics Advanced plus Biology or Chemistry	<b>Career opportunities</b> Open the door to a wide range of careers with a degree in life sciences. Work in conservation and government organisations, and across commercial industry in medical, pharmaceutical, chemical, food and beverage companies.	
<b>Structure</b> Major + Science Electives + Free Electives (from any faculty at UNSW) + General Education Non-Science Courses		



## Bachelor of Materials Science and Engineering (Honours)

<b>Program code</b> 3131	<p>To create high-performance materials such as metals, ceramics, polymers and composites, you need a solid background in Materials Science. This degree will put you at the forefront of innovation, developing lighter, greener and stronger materials.</p>	<b>Majors</b>
<b>Duration</b> 5 years		<ul style="list-style-type: none"><li>• Ceramic Engineering</li><li>• Functional Materials</li><li>• Materials Engineering</li><li>• Physical Metallurgy</li><li>• Process Metallurgy</li></ul>
<b>2021 lowest selection rank</b> <sup>1</sup> 85.00		<b>Double degree options</b>
<b>2021 Lowest ATAR</b> <sup>2</sup> 76.75		<ul style="list-style-type: none"><li>• Commerce</li><li>• Engineering Science in Chemical Engineering</li><li>• Master of Biomedical Engineering</li></ul>
<b>Assumed knowledge</b> Mathematics Extension 1, Physics	<b>Career opportunities</b> You can work in areas such as fundamental scientific research, manufacturing and materials processing, quality control, safety, the environmental impact of materials and the commercialisation of materials technologies. In Australia and around the world, graduates work in fields of nanotechnology, biomedical materials and electronic materials.	<b>Professional Accreditation</b> This degree is accredited by Engineers Australia.
<b>Structure</b> Materials Science Core Courses + Professional Electives + 1 Year Honours + General Education; Non-Science Or Engineering Courses		

## Bachelor of Medical Science

<b>Program code</b> 3991	<p>Medical Science is the foundation that the practice of medicine is built on. Medical science uncovers how the body functions - reactions to disease, drugs, treatments, and the role of genetics. The degree can prepare you for a career in biomedical research and graduate medical or paramedical studies.</p>	<b>Majors</b>
<b>Duration</b> 3 years (+ 1 year Honours option)		<ul style="list-style-type: none"><li>• Human Anatomy</li><li>• Human Pathology</li><li>• Medical Immunology</li><li>• Medical Microbiology</li><li>• Medical Pharmacology</li><li>• Medical Physiology</li><li>• Molecular Biology</li><li>• Molecular Genetics</li><li>• Neurobiology</li></ul>
<b>2021 lowest selection rank</b> <sup>1</sup> 88.00		<b>Double degree options</b>
<b>2021 Lowest ATAR</b> <sup>2</sup> 77.55		<ul style="list-style-type: none"><li>• Arts</li></ul>
<b>Assumed knowledge</b> Mathematics Advanced, Chemistry	<b>Career opportunities</b> You can work in fields such as medical research, paramedical professions, health policy, medical laboratory science, pathology and forensic science, patents and intellectual property, market research and product development, and in pharmaceutical and biotechnology industries.	
<b>Structure</b> Medical Science Core Courses + Perspectives in Medical Science + Medical Science Electives + General Science Elective + Free Electives (from any faculty at UNSW) + General Education Non-Science Courses		



# Bachelor of Medicinal Chemistry (Honours)

<b>Program code</b> 3999	<p>Explore biology, biochemistry, pharmacology and essential chemistry techniques in this multidisciplinary degree. Your study will encompass all aspects of new drug design and development, from concept to clinic stages. In your Honours year, you'll complete a supervised research project.</p>
<b>Duration</b> 4 years	
<b>2021 lowest selection rank</b> <sup>1</sup> 87.00	
<b>2021 Lowest ATAR</b> <sup>2</sup> 76.00	
<b>Assumed knowledge</b> Mathematics Advanced, Chemistry	

**Structure**  
Medicinal Chemistry Core Courses  
+  
Medicinal Chemistry Electives  
+  
Free Electives (from any faculty at UNSW)  
+  
General Education Non-Science Courses  
+  
1 year Honours

**Career opportunities**  
You'll have the skills in modern molecular biology and pharmacology, supported by a comprehensive background in chemistry, with relevant synthetic skills necessary for synthesising complex drug candidates. You'll be needed in local and global pharmaceutical companies involved in modern drug design, as well as in research, government and education sectors.

**Double degree options**  
• Law

# Bachelor of Psychological Science

<b>Program code</b> 3435	<p>Psychology has rapidly become one of the most relevant fields of study for clinicians and corporate professionals. This degree combines an accredited three-year degree in Psychology with a complementary major in related areas including marketing, human resource management, criminology, linguistics, philosophy, vision science and neuroscience.</p>
<b>Duration</b> 3 years (+ 1 year Honours option)	
<b>2021 lowest selection rank</b> <sup>1</sup> 83.00	
<b>2021 Lowest ATAR</b> <sup>2</sup> 74.65	
<b>Assumed knowledge</b> Mathematics Advanced	

**Structure**  
Psychology Core Courses  
+  
Optional Complementary Major  
+  
Free Electives (from any faculty at UNSW)  
+  
General Education Non-Science Courses

If you complete a complementary major outside of the Faculty of Science, this will meet your general education requirements.

**Majors**  
• Criminology  
• Human Resource Management  
• Linguistics  
• Marketing  
• Neuroscience  
• Philosophy  
• Vision Science

**Double degree options**  
• Law

**Professional accreditation**  
This is an Australian Psychology Accreditation Council (APAC) accredited 3-year undergraduate sequence in Psychology. This program is the first step on the six-year pathway to becoming a registered professional psychologist.

# Bachelor of Psychology (Honours)

<b>Program code</b> 3632	<p>Understand the inner working of our minds and behaviour with a degree in Psychology. Your study will include memory, learning, cognition, perception, neuroscience, and developmental, forensic, social, and abnormal psychology. Gain an integrated and comprehensive understanding of the main discipline areas of psychology while developing strong research, analytical and communication skills.</p>
<b>Duration</b> 4 years	
<b>2021 lowest selection rank</b> <sup>1</sup> 98.00	
<b>2021 Lowest ATAR</b> <sup>2</sup> 89.60	
<b>Assumed knowledge</b> Mathematics Advanced	

**Structure**  
Psychology Core Courses  
+  
Psychology Electives +  
Free Electives (from any faculty at UNSW) +  
General Education Non-Science Courses  
+  
1 year Honours

**Career opportunities**  
You can work in a range of organisations as a psychologist within the public and private sector, such as counselling, developmental care, public, community and occupational health, management consultancy, human resources, recruitment, training and development, industrial relations, banking, journalism, marketing, business and retail management and statistical and data analysis.

**Professional accreditation**  
This is an Australian Psychology Accreditation Council (APAC) accredited 4-year undergraduate sequence in Psychology. This degree is the first step on the six-year pathway to becoming a registered professional psychologist.

**Double degree options**  
• Law

# Bachelor of Science (Advanced Mathematics) (Honours)

<b>Program code</b> 3956	<p>Are you a high achiever with a keen mind wanting to specialise in mathematics? If you're interested in the increasing range of quantitative careers in areas such as finance and environmental modelling, this degree offers a strong foundation. The four-year degree combines advanced coursework with an Honours-level research project.</p>
<b>Duration</b> 4 years	
<b>2021 lowest selection rank</b> <sup>1</sup> 93.00	
<b>2021 Lowest ATAR</b> <sup>2</sup> 83.60	
<b>Assumed knowledge</b> Mathematics Extension 1	

**Structure**  
Major  
+  
Introductory Skills for Science  
+  
Science Electives +  
Free Electives (from any faculty at UNSW)  
+  
General Education Non-Science Courses  
+  
1 Year Honours

**Career opportunities**  
You'll be able to pursue professional opportunities in banking, insurance and investment, environmental modelling, oceanography, meteorology, computing, information technology, government, education and research.

**Majors**  
• Advanced Statistics  
• Applied Mathematics  
• Pure Mathematics

**Double degree options**  
• Actuarial Studies  
• Arts  
• Commerce  
• Computer Science  
• Economics  
• Engineering (Hons)  
• Law





Join a highly influential and connected network, while you benefit from a tailored learning approach and purposeful degree offerings. Access UNSW's outstanding teaching quality and reputation for research excellence to achieve the outcomes you seek.



Across four schools for undergraduate study, whether you're enrolled in an ADFA program, are a non-defence or DCUS student, you'll benefit from the best student-to-university teacher ratio in Australia, and access learning opportunities that are enhanced by teaching that is specialised in your area of interest.



Complementary and highly practical degree offerings will get you exactly where you want to go, enabling you to focus on achieving the study and professional outcomes you seek.



Be part of a network that includes some of the most influential people in Australia. Take advantage of UNSW Canberra's deep links with industry, government and a highly connected alumni network.



For more information, visit [unsw.adfa.edu.au](http://unsw.adfa.edu.au)

# UNSW Canberra at ADFA





# Admission to UNSW Canberra Degrees

UNSW Canberra at the Australian Defence Force Academy (ADFA) provides undergraduate programs across a range of disciplines to Navy midshipmen and Army and Air Force Officer Cadets pursuing the ADFA Trainee Officer program, as well as to non-Defence students and students supported by the Defence Civilian Undergraduate Sponsorship (DCUS) scheme.

**Defence**  
In addition to your UAC application, for Defence degrees you must complete the requirements of Defence Force Recruiting. Contact your nearest Defence Force Recruiting Office for more information.

**DCUS**  
DCUS is open to aspiring university students who wish to pursue a degree through UNSW Canberra at ADFA. There are no military service obligations or requirements. This is a sponsorship for

civilian students who may be interested in a civilian career in the Department of Defence.

In addition to your UAC application, for DCUS degrees you must complete the requirements of the Department of Defence for entry to this degree. Visit [www1.defence.gov.au/jobs-careers/civilian-undergraduate-sponsorship](http://www1.defence.gov.au/jobs-careers/civilian-undergraduate-sponsorship) for more information.

## Bachelor of Arts

<b>Offered to</b> Defence <b>Program code</b> 4400 <b>Duration</b> 3 years (+ 1 year Honours option) <b>2021 lowest selection rank</b> <sup>1</sup> 75.00 + Defence selection <b>2021 lowest ATAR</b> <sup>2</sup> 72.35 <b>Assumed knowledge</b> Any 2 units of English (Band 5)	To be an effective leader in the Australian Defence Force, you need to be able to research and think critically, and to work independently and collaboratively. This degree, with a diverse range of courses and electives, will enrich your understanding of how people define and debate life's meaning and values.	<b>Majors</b> <ul style="list-style-type: none"><li>• Business</li><li>• English &amp; Media Studies</li><li>• Geography</li><li>• History</li><li>• Indonesian Studies</li><li>• International &amp; Political Studies</li></ul> <b>Career opportunities</b> <p>The Bachelor of Arts is flexible and allows you to keep your options open, giving you the analytical skills to be an effective leader and manager, leading to a variety of Officer roles across the Navy, Army and Air Force.</p>
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## Bachelor of Business

<b>Offered to</b> Defence <b>Program code</b> 4405 <b>Duration</b> 3 years (+ 1 year Honours option) <b>2021 lowest selection rank</b> <sup>1</sup> 80.00 + Defence selection <b>2021 lowest ATAR</b> <sup>2</sup> 74.90 <b>Assumed knowledge</b> Any 2 units of English (Band 5)	As you progress through your career in the Australian Defence Force, you may be called on to manage the nation's critical security resources, from finances and personnel to aircraft, ships and tanks. This degree will prepare you for specific business-management challenges in areas such as acquisition and procurement, project management, logistics and the management of people.	<b>Career opportunities</b> <p>The Bachelor of Business gives you the skills to work within the business processes of the ADF and to interact with external service providers. This is particularly valuable if you wish to become involved in acquisition and procurement, project management, logistics and the management of people.</p>
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## Bachelor of Computing and Cyber Security

<b>Offered to</b> Defence, DCUS <b>Program code</b> 4427 <b>Duration</b> 3 years (+ 1 year Honours option) <b>2021 lowest selection rank</b> <sup>1</sup> 75.00 + Defense selection <b>2021 lowest ATAR</b> <sup>2</sup> 75.10 <b>Assumed knowledge</b> Mathematics Advanced	Want to use gaming techniques to deepen your knowledge of computer science and maths fundamentals? This degree focuses on the theoretical foundations and practical approaches to computation and its applications within security. Students first apply these techniques to gaming before learning more about hardware, systems, networking and the internet.	<b>Career opportunities</b> <p>The Bachelor of Computing and Cyber Security will give you an intellectual advantage for all careers in the ADF, given the planned introduction of new capability and the increased influence of the information environment on military operations.</p>
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## Bachelor of Engineering (Honours) Aeronautical

<b>Offered to</b> Defence, DCUS, Non-Defence <b>Program code</b> 4472 <b>Duration</b> 4 years <b>2021 lowest selection rank</b> <sup>1</sup> 85.00 + Defence selection (Defence, DCUS) 90.00 (Non-Defence) <b>2021 lowest ATAR</b> <sup>2</sup> 77.15 (Defence, DCUS) 81.60 (Non-Defence) <b>Assumed knowledge</b> Mathematics Advanced, Physics	<p>The design of flight vehicles and their maintenance and operation is a complex process requiring knowledge of many engineering disciplines, as well as an understanding of materials and structural analysis. In this degree, you'll study areas including aircraft and systems design, and applied thermodynamics and propulsion.</p> <p><b>Career opportunities</b> The Bachelor of Aeronautical Engineering covers the design, reliability and maintenance of both fixed-wing and rotary-wing aircraft, critical to the operations of the Navy, Army and Air Force. The degree will prepare you for undertaking these sorts of roles within the Australian Defence Force or with companies that service the ADF.</p>
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## Bachelor of Engineering (Honours) Civil

<b>Offered to</b> Defence, DCUS, Non-Defence <b>Program code</b> 4473 <b>Duration</b> 4 years <b>2021 lowest selection rank</b> <sup>1</sup> 85.00 + Defence selection (Defence, DCUS) 90.00 (Non-Defence) <b>2021 lowest ATAR</b> <sup>2</sup> 81.65 (Defence, DCUS) <5 offers (Non-Defence) <b>Assumed knowledge</b> Mathematics Advanced, Physics	<p>A degree in Civil Engineering will provide you with the professional engineering design, construction and management skills required for facilities such as buildings, roads, bridges, airfields and water supply.</p> <p>You will study subjects including engineering mechanics, computational problem-solving, physics, geotechnical design, cyber security, and hydrology and environmental engineering practice.</p>	<p><b>Career opportunities</b> The Bachelor of Civil Engineering will give you the skills to take responsibility for the design and construction of infrastructure, base facilities, temporary runways and field engineering associated with ADF projects and military activities. Environmental management plays a major part in these projects, and graduates may also get involved with development and peacekeeping activities in the South Pacific and elsewhere in the world.</p>
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## Bachelor of Engineering (Honours) Electrical

<b>Offered to</b> Defence, DCUS, Non-Defence	<b>Electrical engineering</b> is the most strongly science-oriented branch of engineering. This degree aims to provide outstanding education to future Australian Defence Force leaders and to civilian students to pursue excellence through contributions to the profession and industry. It is built on a foundation of mathematics, computer science and physical science.	<b>Career opportunities</b>
<b>Program code</b> 4471		The Bachelor of Electrical Engineering will give you the skills to take responsibility for weapons systems, communication systems, radar and sensor systems, airborne electrical generation and distribution and aircraft flight controls on warships, helicopters, and fixed wing aircraft, critical for the operations of the ADF. With your practical understanding of engineering systems and specialised skills and experience civilian students will be in demand to fill roles in energy systems, manufacturing, scientific and technical services, and a range of similar industries.
<b>Duration</b> 4 years		
<b>2021 lowest selection rank</b> <sup>1</sup> 85.00 + Defence selection (Defence, DCUS) 90.00 (Non-Defence)		
<b>2021 lowest ATAR</b> <sup>2</sup> 77.15 (Defence, DCUS) <5 offers (Non-Defence)		
<b>Assumed knowledge</b> Mathematics Advanced, Physics		

## Bachelor of Engineering (Honours) Mechanical

<b>Offered to</b> Defence, DCUS, Non-Defence	<b>If you're interested in developing a deep knowledge of the branch of engineering that focuses on machines and the production of power - particularly with forces and motion - this degree is for you. You will study computational problem-solving, programming, mathematics, physics, fluid mechanics, mechanical design, engineering materials and cyber security.</b>	<b>Career opportunities</b>
<b>Program code</b> 4474		The Bachelor of Mechanical Engineering will give you the skills to maintain and repair an extremely diverse and sophisticated range of equipment, including land transport vehicles, ships, tanks, armoured personnel carriers and weapon systems. This is critical to manage the complex and challenging equipment inventory of the ADF, which operates under demanding conditions.
<b>Duration</b> 4 years		
<b>2021 lowest selection rank</b> <sup>1</sup> 85.00 + Defence selection (Defence, DCUS) 90.00 (Non-Defence)		
<b>2021 lowest ATAR</b> <sup>2</sup> 79.80 (Defence, DCUS) 85.70 (Non-Defence)		
<b>Assumed knowledge</b> Mathematics Advanced, Physics		

## Bachelor of Science

<b>Offered to</b> Defence	<b>Looking for a wide range of options for your career in the Australian Defence Force? This degree will give you the intellectual and analytical skills required of an effective ADF leader. You'll gain a broad understanding of the physical universe, from chemistry and sub-atomic physics to computational techniques and data analysis.</b>	<b>Majors</b>
<b>Program code</b> 4410		<ul style="list-style-type: none"><li>• Aviation</li><li>• Chemistry</li><li>• Computer Science</li><li>• Geography</li><li>• Mathematics</li><li>• Oceanography</li><li>• Physics</li></ul>
<b>Duration</b> 3 years (+ 1 year Honours option)		
<b>2021 lowest selection rank</b> <sup>1</sup> 75.00 + Defence selection		
<b>2021 lowest ATAR</b> <sup>2</sup> 74.40		
<b>Assumed knowledge</b> Mathematics Advanced,		

## Bachelor of Technology (Aeronautical Engineering)

<b>Offered to</b> Defence	<b>Seeking an aeronautical engineering degree specifically developed to meet the needs of the Australian Defence Force?</b> <b>This degree provides a solid foundation in engineering technology. It is organised into areas such as foundation science, materials and structures, dynamics and control, as well as discipline-specific areas such as aircraft and engines.</b>	<b>Career opportunities</b> The Bachelor of Technology (Aeronautical) is designed for students wishing to work in the ADF as an Aeronautical Engineering Technologist but not necessarily as a fully-qualified Engineer. This degree is primarily undertaken by Air Force Officer Cadets who intend to become Aircrew and wish to enhance their understanding of the operation and performance of aircraft.
<b>Program code</b> 4430		
<b>Duration</b> 3 years		
<b>2021 lowest selection rank</b> <sup>1</sup> 85.00 + Defence selection		
<b>2021 lowest ATAR</b> <sup>2</sup> 82.05		
<b>Assumed knowledge</b> Mathematics Advanced, Physics		





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> Search degrees online, [degrees.unsw.edu.au](https://degrees.unsw.edu.au)

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Canberra (defence and DCUS students)

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1. The 2021 Lowest Selection Rank (LSR) is the adjusted rank (ATAR plus adjustment factors) you would have needed to gain entry to this degree in 2021. To see a complete picture of UNSW offer data, visit [degrees.unsw.edu.au](https://degrees.unsw.edu.au)
2. The 2021 Lowest ATAR is the lowest ATAR (before adjustment factors were applied) to which an offer was made for Term 1 2021. Where <5 offers is listed, this indicates that less than 5 ATAR-based offers were made and so the ATAR has not been published. N/A indicates no offers were made on the basis of ATAR.
- \* The Lowest ATAR to which an offer was made, for this program, is based on a UNSW Gateway Early Conditional Offer.



# How to apply

Admission to UNSW is based on academic merit. For most Australian Year 12 students, this is judged according to your Australian Tertiary Admission Rank (ATAR) – a ranking system that provides an overall measure of academic achievement in relation to other students.

## Domestic students

- Australian citizens
- Australian permanent residents
- Australian permanent humanitarian visa holders
- New Zealand citizens

## Accepted qualifications

- NSW HSC and interstate Year 12
- International Baccalaureate
- GCE A-Levels
- NZ NCEA Level 3

Check [unsw.edu.au/study](https://unsw.edu.au/study) for a list of other commonly accepted overseas qualifications.

## Assumed knowledge

At UNSW, we don't have formal subject prerequisites for any of our degrees, we have what's called 'assumed knowledge'. If you haven't studied the assumed knowledge subjects, it won't stop us from making you an offer for a degree if you are eligible, but you may find yourself behind in your first year. We strongly recommend bridging courses if you don't have the assumed knowledge for your degree of interest.

You can find the assumed knowledge for each degree listed in the Degrees section (pg 12-83) or online at [degrees.unsw.edu.au](https://degrees.unsw.edu.au)

## Bridging courses

UNSW runs bridging courses in chemistry, maths and physics in late January each year. You don't have to complete these at UNSW. You can complete bridging courses at other universities and some TAFE institutions.

Visit [unsw.edu.au/bridging](https://unsw.edu.au/bridging) for more information.

## Additional selection criteria

Some degrees at UNSW require steps in addition to your UAC application. These may be:

- Tests (UCAT ANZ, LAT)
- An audition (Music)
- An extra application to UNSW (Aviation, Co-op, Medicine or UNSW Canberra at ADFA).

Visit [degrees.unsw.edu.au](https://degrees.unsw.edu.au) to find out whether your degree has any additional selection criteria.

## Deferring

If you want to take a year off to work or see the world, you can accept and defer your offer\* until the following year. However, we will only hold your place provided you don't enrol at another university or study at an AQF Diploma level or higher during that time.

\*The following degrees cannot be deferred: UNSW Co-op and Defence funded offers at UNSW Canberra.

## Key dates

It's important to get your application in on time, check the key dates for admission at [uac.edu.au](https://uac.edu.au)

# Applying is easy.

## Step 1 – Head online

All domestic applications for undergraduate study are made via UAC. Visit [uac.edu.au](https://uac.edu.au) to get more information and to ensure you fully understand the process before you get started.

## Step 2 – Check your dates

Double-check all UAC key dates, including on-time application closing dates, at [uac.edu.au](https://uac.edu.au). Late applications may be accepted but will incur a higher processing fee, so it's best to get in early.

## Step 3 – Apply

Lodge your application online at [uac.edu.au/undergraduate/apply](https://uac.edu.au/undergraduate/apply). You can nominate up to five degrees you'd like to study in order of your preference. Don't forget to lodge your other important applications – for example, those for accommodation, scholarships and adjustment factors.

## Step 4 – Accept your offer

The majority of offers will be made in the UAC December Round 2 and January Round 1 releases. UNSW will contact you via email with instructions on how to accept and enrol. Acceptance deadlines apply, please check [gettingstarted.unsw.edu.au/dates](https://gettingstarted.unsw.edu.au/dates). We look forward to seeing you on campus soon.



# Adjustment factors



If you've got a special skill, bring it. Your difference could be a deciding factor in your admission to UNSW.

## HSC Plus

HSC Plus rewards students who perform well in Year 12 subjects that are relevant to their preferred UNSW degree. You may be awarded up to five points.

To be eligible you must:

- Be a domestic student (that is, an Australian citizen, Australian permanent resident, Australian permanent humanitarian visa holder or a New Zealand citizen)
- Complete an Australian Senior Secondary Certificate of Education (Year 12) or the International Baccalaureate Diploma (IB) in the two years before admission to UNSW and receive an ATAR or equivalent
- Achieve the required performance bands in relevant Year 12 subjects
- Have not undertaken tertiary study\*.

\* If you have a record of tertiary study, contact Future Students on 1300 864 679 to discuss your eligibility.

## How do I apply?

No application is required for HSC Plus. If you have the required subject results for your preferred degree, points will be automatically added to your ATAR (or equivalent) to increase your selection rank. To see a list of degrees included in the HSC Plus scheme and how many points you may be eligible for, visit [unsw.edu.au/hscplus](https://unsw.edu.au/hscplus)

## Elite Athletes, Performers and Leaders program

Elite Athletes, Performers and Leaders (EAPL) recognises achievements in the areas of sport, academia, leadership and music at an elite level. You may be eligible for up to five points.

To be eligible you must:

- Have completed activities in Years 11 and/or 12
- Be a domestic student (that is, an Australian citizen, Australian permanent resident, Australian permanent humanitarian visa holder or a New Zealand citizen)
- Complete an Australian Senior Secondary Certificate of Education (Year 12) or the International Baccalaureate (IB) Diploma in the two years before admission to UNSW and receive an ATAR or equivalent
- Not have completed more than 0.75 of a full-time year or equivalent of tertiary study.

## How do I apply?

Students must submit an application to UNSW and provide supporting documentation by 30 November each year to be considered. To see a list of the commonly accepted achievements, and how many points you may be eligible for, download the EAPL Guide at [unsw.edu.au/eapl](https://unsw.edu.au/eapl)

## Educational Access Scheme

Factors such as illness, financial hardship, language difficulties or attending a particular school can mean you don't always get the best possible marks in Years 11 and 12 or equivalent. If one of these situations applies to you, submit an application for the Educational Access Scheme (EAS) via UAC.

If you are from an identified low-SES background according to UAC's SEIFA category of disadvantage, then an EAS application will automatically be generated for you when you apply for undergraduate admission through UAC, though you will still need to submit an EAS application if you are claiming additional disadvantages.

Eligible students can receive between 1 and 10 points towards their chosen UNSW degree. Don't forget, you need to be as specific as possible in your application about how your circumstances have directly impacted your study.

To be eligible to apply for consideration you must:

- Be an Australian or New Zealand citizen, or a permanent resident of Australia (includes holders of a permanent humanitarian visa) AND
- Have experienced long-term educational disadvantage so that your Year 11 and/or Year 12 studies (or equivalent) have been affected by circumstances beyond your control
- Achieve an ATAR or equivalent

- Not be currently enrolled in or have previously undertaken university, TAFE, college or other tertiary level studies either here or overseas (tertiary being defined as Diploma level or above).

Visit [unsw.edu.au/access-scheme](https://unsw.edu.au/access-scheme) for all the details.

**A maximum of 12 points can be used toward your UNSW admission across these adjustment factor schemes.**



# Alternative entry

There are a number of ways we can help you get into UNSW. If you're eligible, these, combined with your ATAR or equivalent, may assist you in meeting our entry requirements.

## UNSW Gateway Early Conditional Offer Scheme

UNSW Gateway is an early conditional offer scheme for students in Years 11 and 12 who attend Gateway schools, with priority given to students who are identified by UAC as eligible for SEIFA consideration. This pathway significantly adjusts the ATAR requirements for your preferred UNSW degree, provides you with an early conditional offer to UNSW and automatically prioritises you for a UNSW equity scholarship.

As a Gateway student, you will also be invited to participate in the Gateway Program which provides academic support and enrichment opportunities from high school through to the end of your first year of university.

For more information, visit [gateway.unsw.edu.au](http://gateway.unsw.edu.au)

## Faculty-specific entry pathways

### UNSW Arts, Design & Architecture Portfolio Entry

You can submit a portfolio of your best creative work to showcase your talent and boost your chance of an offer. While some students are admitted based on their academic performance alone, submitting a portfolio can boost your chance of an offer. To apply, check the specific requirements for your chosen degree online and visit [unsw.to/portfolio](http://unsw.to/portfolio) for more information.

### Faculty of Engineering Admissions Scheme (FEAS)

If you are passionate about all things engineering, then the Faculty of Engineering Admissions Scheme (FEAS) is for you! You will need to submit a personal statement along with your school report and a short video demonstrating how and why you are suited to engineering studies. To apply, check the specific requirements for your chosen degree online and visit [eng.unsw.edu.au/feas](http://eng.unsw.edu.au/feas) for more information.

### Bachelor of Information Systems Admission Scheme (BISAS)

If you have a strong, active interest in technology, you may be interested in the Bachelor of Information Systems Admission Scheme (BISAS). Along with your UAC application, you'll need to complete a questionnaire, submit your school report and provide a short video demonstrating your motivation and passion for studying Information Systems. To apply, check the Bachelor of Information Systems entry requirements online, and visit [business.unsw.edu.au/bisas](http://business.unsw.edu.au/bisas) for more information.

### Rural Student Entry Scheme, Indigenous Entry into Medicine Scheme and Gateway Medicine Entry Scheme

UNSW Medicine offers three entry pathways into Medicine. If you have a significant rural background, are an Aboriginal and/or Torres Strait Islander person or attended a Gateway identified school you may be interested in these schemes.

For more information, visit [unsw.to/med-pathways](http://unsw.to/med-pathways)

## Pathways for domestic students

### Degree transfer – internally

We understand that you may change your mind about your chosen degree at UNSW. After one year of study, you can use our Internal Program Transfer (IPT) to move into your dream degree – we will only look at your first-year uni marks and not your ATAR. IPT can also be a useful pathway if you don't meet the entry requirement for a degree – start in a similar degree with a lower selection rank entry requirement, study for one year and use IPT to apply to transfer into your dream degree.

For more information, visit [unsw.edu.au/ipt](http://unsw.edu.au/ipt)

### TAFE or uni study

To have your prior university studies considered for admission, you must complete at least one year of full-time study (minimum 0.75 full time equivalent load) within one degree at university\*. If you have studied at TAFE and completed a graded, Australian Qualifications Framework (AQF) Diploma, Advanced Diploma, or in some cases a Certificate IV, you can be considered for admission to UNSW. You will be assessed on the grades you received in that qualification. In both cases you will need to submit your application through the Universities Admissions Centre (UAC).

For more information, phone us on 1300 UNI NSW (1300 864 679) or visit [unsw.edu.au/ask](http://unsw.edu.au/ask)

\*This information applies to domestic students studying at a recognised Australian Higher Education institution.

### UNSW Prep Program

If things don't quite go to plan in Years 11 and 12 and you are eligible for the Educational Access Scheme, we have the UNSW Prep Program, which is a one-year pathway to a UNSW degree.

For more information, visit [unsw.edu.au/unswprep17-19](http://unsw.edu.au/unswprep17-19)

### University Preparation Program (UPP)

The UNSW University Preparation Program (UPP) is open to adults aged 20 or older who do not satisfy the entry requirements for admission to study an undergraduate degree at UNSW and do not have an assessable tertiary qualification. By completing the UPP, you can build your academic skills by studying part-time in your area of interest. The UPP is available across four streams: Business, Engineering, Humanities and Science. Once completed, you can use your results to apply for a place in a degree at UNSW.

For more information, visit [unsw.edu.au/upp](http://unsw.edu.au/upp)

## Entry programs for Australian Aboriginal and Torres Strait Islander People

UNSW offers alternative entry programs for Indigenous Australians. The entry pathway program you apply for will depend on the degree you want to study. Throughout these programs you will be assessed on your commitment, attitude and aptitude towards your studies and your ability to participate academically in your selected discipline.

### UNSW Indigenous Preparatory Programs (Pre-Programs)

The Pre-Program for Business, Education, Law, Medicine, Science and Engineering, and Social Work is a three-week residential program that involves participation in lectures, tutorials, group work, social activities, exams and assessments. Selection for the program is based on the submission of an application.

For more information, visit [nuragili.unsw.edu.au/preprograms](http://nuragili.unsw.edu.au/preprograms)

### UNSW Indigenous Admission Scheme (IAS)

IAS is a one-day alternative entry program that involves an application through Nura Gili. You will be invited to visit Nura Gili to have a conversation with faculty and Nura Gili staff about your aspirations for university studies and undertake a written and numeracy task. The scheme is suitable for students wishing to undertake an undergraduate degree in Arts, Design & Architecture (excluding Education and Social Work), Exercise Physiology, Engineering and/or Science.

For more information, visit [nuragili.unsw.edu.au/ias](http://nuragili.unsw.edu.au/ias)

### Enabling programs for Australian Aboriginal and Torres Strait Islander People

The Humanities Pathway Program is a one-year program that provides a pathway into academic study in Arts, Social Sciences and Law for Australian Aboriginal and Torres Strait Islander students who may need to gain further knowledge in their selected discipline or better prepare themselves for university.

For more information, visit [nuragili.unsw.edu.au/unswenablingprograms](http://nuragili.unsw.edu.au/unswenablingprograms)



# Get the full experience

University is about discovering the best version of yourself. At UNSW, there are so many opportunities for you to explore and grow, and with each new experience you'll discover new things about yourself and what motivates you to succeed. You'll make friends in clubs and societies, enjoy fun events on and off campus, and plan your future international adventures.

➤ To see where UNSW can take you, visit [experience.futurestudents.unsw.edu.au/undergraduate](https://experience.futurestudents.unsw.edu.au/undergraduate)

## Discover your new favourite places

The main UNSW campus is so large it has its own postcode. Book in with us to meet some of our students and see where you'll be eating, sleeping, playing and studying. Or you can see it all right now from the comfort of your home in our 360° Campus tour – just use the QR code for more information.

To book a tour IRL, visit [unsw.to/campus-tours](https://unsw.to/campus-tours)

## Open doors with a double degree

Get more choice, more career options and more knowledge with a double degree. Despite the name, it doesn't mean double the time or workload. Combine your passions to stand out when you graduate.

Explore the different subjects that come together for your future career at [degrees.unsw.edu.au](https://degrees.unsw.edu.au)

## Make yourself at home on campus

Don't just attend university: Live it. Combine living and learning environments at one of our colleges or make the most of your independence in a self-catered apartment.

Find the home that gives you the freedom and space to be yourself at [accommodation.unsw.edu.au](https://accommodation.unsw.edu.au)

## Study on your own terms

Study abroad or do an internship without falling behind on your studies. Our flexible UNSW 3+ academic calendar gives you more opportunities and less obstacles in three 10-week teaching terms, plus an optional intensive summer term.

Find out how you can graduate faster, or study around other commitments at [student.unsw.edu.au/calendar](https://student.unsw.edu.au/calendar)

## Prepare to pack your suitcase

Be ready to go when travel restrictions end. A UNSW degree is your passport to a global education, with international opportunities across 39+ destinations and 300+ partner institutions. Immerse yourself in another culture, discover different perspectives and add global experience to your resume.

Start planning your experience at [student.unsw.edu.au/global](https://student.unsw.edu.au/global)

## Enjoy diverse community activities

Step away from the books with Arc, UNSW's student-led organisation and home to more than 300 clubs, year-round parties and events (in person and online), sporting comps and practice, volunteering opportunities, health and wellness sessions...the list goes on.

Find your friends at [arc.unsw.edu.au](https://arc.unsw.edu.au)

## Scholarships

Make the most of living the student lifestyle with financial support from our scholarships. We can help you realise your dream of studying full-time with support for the duration of your program, short-term awards, grants and other forms of student support.

Check your eligibility for different programs at [scholarships.unsw.edu.au](https://scholarships.unsw.edu.au) or keep reading to see how to apply for our most popular scholarships.

### How to apply

#### ➤ Merit Scholarships

##### Step 1 – Search

Visit [scholarships.unsw.edu.au](https://scholarships.unsw.edu.au) and search for scholarships by category. Click on each scholarship program for more information and application instructions.

##### Step 2 – Register

Register your details online. Don't forget, if you are a high school student you will need your UAC number and a non-school email address.

##### Step 3 – Apply

Complete all the questions and upload your supporting documents. You can apply for most scholarships with just the one application.

##### Step 4 – Submit

Submit online by the due date. Don't forget to check the website frequently for application deadlines and updates.

#### ➤ Equity Scholarships

If you are from an identified low-SES background UAC will automatically generate an application for equity scholarships as part of your UAC application. You only need to submit an EAS or Equity scholarship application if you want us to know about any additional hardships that have affected your studies.

All other applicants for equity scholarships will need to submit either:

1. An Educational Access Scheme application via UAC  
([uac.edu.au/eas](https://uac.edu.au/eas))

or

2. An Equity Scholarships Application via UAC  
([uac.edu.au/equity](https://uac.edu.au/equity))

#### ➤ Co-op Scholarship

This is not your normal scholarship. If you're high-achieving and ambitious, the Co-op program offers leadership and professional development training, three major industry placements, networking opportunities, mentoring, and financial support of \$19,600 per year. Learn more at [co-op.unsw.edu.au](https://co-op.unsw.edu.au)

Library Lawn





# What's on at UNSW

> To connect with us for all the information, visit [experience.futurestudents.unsw.edu.au/undergraduate](https://experience.futurestudents.unsw.edu.au/undergraduate)

March	17	Medicine Info Evening
	30	Year 10 Info Evening
April	13, 14, & 15	Experience UNSW
	22	Year 10 Info Evening
	28	Year 10 Info Evening
May	6	Law Admission Test (LAT) Info Evening
	12	Year 10 Info Evening
June	15 & 17	Degrees and Scholarships Info Evening
August	21	UNSW Canberra at ADFA Open Day
September	4	<b>UNSW Open Day</b>
December		Info Day

## Campus tours

What's it really like at UNSW? Find out on campus tours that are led by current students throughout the year. To view upcoming tour dates and register your attendance, visit [unsw.to/campus-tours](https://unsw.to/campus-tours)





# Still curious?

Contact us at the Future Students Office for degree and admission advice.

Ask a question: [unsw.edu.au/ask](https://unsw.edu.au/ask)

☎ 1300 UNI NSW (1300 864 679)

💻 [unsw.edu.au/study](https://unsw.edu.au/study)



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The information contained in this publication applies to Australian citizens, Australian permanent residents, Australian permanent humanitarian visa holders and New Zealand citizens only. All international students should contact UNSW Future Students on 1300 864 679 for admission procedures and degree information.