The world needs U
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.

Throughout this guide you’ll find QR codes that unlock more information. Scan here to visit UNSW online.
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
- I’m from overseas but I live here – what’s different? p96
- Come to events p100
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 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, 2021

Top earners
Highest graduate median salary 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

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

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

Ready to make a difference?
Scan here to see your potential.
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

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, résumé and cover letter writing skills
- The ability to understand and respond to complex interview questions

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

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](http://careers.unsw.edu.au)

Work Integrated Learning at UNSW builds practical work experience opportunities like internships into your degree.
Visit [wil.unsw.edu.au](http://wil.unsw.edu.au)

UNSW Founders develops lifelong career adaptability through creativity and collaboration on your own startup projects.
Visit [founders.unsw.edu.au](http://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 Planet 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.

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Step 2
Find your interests in the table below and see how they match up with our most popular degrees.

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- **Arts**
  Hone your interests and dive into the social sciences, arts and humanities fields you’re compelled by. Bring your passion for culture and activism.

- **Architectural Studies**
  Design with purpose. Bring ideas together to solve challenges for individuals, communities and the environment. Build on your design and model-making skills.

- **Design**
  Look at the issues from your unique perspective. Question the status quo and defend your ideas. Bring your sharp eye and appreciation for form.

- **Commerce**
  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.

- **Engineering**
  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.

- **Law**
  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.

- **Exercise Physiology**
  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.

- **Science**
  Discover new possibilities. Explore different disciplines as great discoveries are made where paths merge. Upgrade your math skills with research and experimentation.
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

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

*2020 QUT Graduate Outcomes Survey
Bachelor of Arts and Business

Program code: 3444
Duration: 3 years (+1 year Honours option)
2021 lowest selection rank: 85.00
2021 lowest ATAR: 75.45
Assumed knowledge: Advanced Mathematics

Structure:
Major (10 courses)
- Business Component (8 courses)
- Minor (4 courses)
- Electives (2 courses)

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 inter-disciplinary 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 Gii)

Minors:
The following subject areas are only available as minors:
- Art History and Theory
- Austrian Studies
- Indonesian Studies
- Italian Studies
- Modern Greek Studies
- Psychology (Social)
- Gender Studies

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: 85.00
2021 lowest ATAR: 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

Explore current global issues in this exciting degree which draws together perspectives of three critical yet varied disciplines: UNSW is the only university 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 Business School and make valuable local, regional and global contacts through hands-on learning opportunities.

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 highly recognised leaders and commentators in all aspects of public life.

Double degree options:
- Law

Arts, Design & Architecture

BACHELOR OF ARTS

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)
- English
- Environmental Humanities
- European Studies
- Film Studies
- French Studies
- Geographical Studies
- German Studies
- Global Development
- History
- Indigenous Studies (Nura Gii)

Minors:
The following subject areas are only available as minors:
- Art History and Theory
- Austrian Studies
- Indonesian Studies
- Italian Studies
- Modern Greek Studies
- Psychology (Social)
- Gender Studies

Career opportunities:
You’ll have sought after skills that ensure your adaptability in today’s fast-paced world. Our graduates can be found all over the globe in a range of industries including diplomacy, social justice, publishing, international affairs, media, politics, business and entrepreneurship, the arts and creative industries, education, journalism, university and public administration, advocacy and campaign strategy, research and academia.

Double degree options:
- Advanced Mathematics (Nons)
- Advanced Science (Nons)
- Art History and Theory
- Austrian Studies
- Indonesian Studies
- Italian Studies
- Modern Greek Studies
- Psychology (Social)
- Gender Studies
- Media (Communication & Journalism)
- Media (PR & Advertising)
- Media (Screen & Sound Production)
- Medical Studies/Doctor of Medicine
- Music
- Science
- Social Work (Nons)

International studies core:
Course core will provide a grounding in world affairs, 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.
Bachelor of Social Science

Program code 2121
Duration 3 years
(+ 1 year Honours option)
2021 lowest selection rank 80.00
2021 lowest ATAR 23.68
Assumed knowledge None

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

Career opportunities
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.

Double degree options
• 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

Bachelor of Creative Arts and Media

Program code 4501
Duration 3 years
(+ 1 year Honours option)
2021 lowest selection rank 86.00
2021 lowest ATAR 65.05*
Assumed knowledge
Visual Arts
Campus Paddington

Creative Arts and Media
Bachelor of Fine Arts

Program code 4501
Duration 3 years
(+ 1 year Honours option)
2021 lowest selection rank 86.00
2021 lowest ATAR 65.05*
Assumed knowledge
Visual Arts
Campus Paddington

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.

Double degree options
• Arts
• Advanced Science (Hons)
• Commerce
• Education (Secondary)
• Law
• Science

Studio Practice Major

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

Study themes
• Local and Global Art
• Art, Science, and Technology
• Art and Institutions
• Art, Science, and Technology
• Art, Science, and Technology

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.

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
• Art, Science, and Technology

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.
Bachelor of Media Arts

Program code: BMA1
Duration: 3 years
(+ 1 year Honours option)
2021 lowest selection rank: 86.00
2021 lowest ATAR: 74.00
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)

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

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
• Arts
• International Studies
• Law
• Music

Structure
Media Core (6 courses)
• Specialist Core* (18 courses)
• Optional Minor (4 courses)
• Electives (4 courses)
• Internship/Portfolio
*depending on which media degree you study

Program code: 3454
Duration: 3 years
(+ 1 year Honours option)
2021 lowest selection rank: 86.00
2021 lowest ATAR: 74.00
Assumed knowledge: None

Bachelor of Media

Communication and Journalism

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 not-for-profit organisations, corporate and social media strategy. They can be found working in a variety of PR, advertising and media industries across the globe.

Double degree options
• Arts
• International Studies
• Law
• Music

Structure
Media Core (6 courses)
• Specialist Core* (18 courses)
• Optional Minor (4 courses)
• Electives (4 courses)
• Internship/Portfolio
*depending on which media degree you study

Program code: 3453
Duration: 3 years
(+ 1 year Honours option)
2021 lowest selection rank: 86.00
2021 lowest ATAR: 72.60
Assumed knowledge: None

Screen and Sound Production

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.

Double degree options
• Arts
• 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)
Bachelor of Music

Program code: 3436
Duration: 4 years (embedded Honours option)
2021 lowest selection rank: 88.08 + audition
2021 lowest ATAR: 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 Musicanship (or equivalent); or HSC Music Extension.

Structure

- Music Specialist Stream (21 courses)
- Electives (21 courses)
- Music Core including Education studies.
- Music Teaching and preparation for further music education.
- Sonic Arts |
- Music Pedagogy |
- Musicology |
- Intensive Music Creative Practice
- 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 theoretical 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)
- Fine Arts
- 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.

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 audition 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.

Bachelor of Design

Program code: 4822
Duration: 3 years (+ 1 year Honours option)
2021 lowest selection rank: 85.00
2021 lowest ATAR: 69.85
Assumed knowledge: Visual Arts

Structure

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

Career opportunities

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.
- Textile | 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 to learn 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.

Bachelor of Architectural Studies

Program code: 3261
Duration: 3 years (+ 1 year Honours option)
2021 lowest selection rank: 88.00
2021 lowest ATAR: 94.70
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)

Career opportunities

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.

Study areas

- Architecture Design Studio
- Climate and Environmental Design
- Communications
- Computer Modeling 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 accreditation pathway to the accredited graduate Master of Architecture degree which has professional recognition from the NSW Architects Registration Board.

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 Nojarbeibehan, Bachelor of Design
Bachelor of Interior Architecture (Honours)

Program code 3256
Duration 4 years
2021 lowest selection rank 80.00
2021 lowest ATAR 78.10
Assumed knowledge None

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)

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.

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 specializing in multi-storey residential, retail, hospitality, medical, hotel or exhibition design. Many of our graduates also manage their own interior architecture or design practices.

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 International Federation of Interior Architects/Designers (IFI) and Design Institute of Australia (DIA).

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 interventions in or 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).

Bachelor of Construction Management and Property

Program code 3332
Duration 3 years
2021 lowest selection rank 88.00
2021 lowest ATAR 66.45
Assumed knowledge None

Structure
Core (28 courses)
* Interdisciplinary Learning (2 courses, with students from other disciplines)
* General Education (2 courses)

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 for 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).

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

Hamza Arshi
Bachelor of City Planning (Honours)

Program code: 3362
Duration: 4 years (includes practical work)
2021 lowest selection rank: 88.80
2021 lowest ATAR: 79.65
Assumed knowledge: None

Structure
Core (16 courses)
• Work Integrated Learning (5 courses)
• Interdisciplinary Learning (2 courses, with students from other disciplines)
• Prescribed Elective & General Education (5 courses)
• Thesis (1 course)

Career opportunities
You can expect to choose to work within a range of industries including urban planning, architecture, engineering, manufacturing and construction, and also animation and gaming environments. You will be able to apply these skills in industry/urban design and architectural contexts.

Assumed knowledge
• Society and Culture
• Modern History
• Spanish
• Japanese, Korean

Teaching specialisations
• Aboriginal Studies (Indigenous Studies)
• Ancient History
• Drama
• English
• English as an Additional Language or Dialect
• Geography

Bachelor of Industrial Design

Program code: 3387
Duration: 3 years
(1+1 year Honours option)
2021 lowest selection rank: 85.00
2021 lowest ATAR: 79.40
Assumed knowledge: None

Structure
Core (18 courses)
• Design Studio (8 courses)
• Interdisciplinary Learning (2 courses, with students from other disciplines)
• Electives & General Education (6 courses)

Career opportunities
This degree equips 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, targeting the technical aspects of design in tandem with user experience.

Assumed knowledge
• Business Studies
• Economics

Professional accreditation
Bachelor of Industrial Design graduates are eligible for membership of the Design Institute of Australia (DIA).

Study areas
• 3D Digital Modelling
• Commerce and Marketing
• Computer Aided Design (CAD)
• Design Studio
• Materials and Manufacturing
• Science and Engineering

Education and Social Work
Bachelor of Education

Program code: 3363
Duration: 4 years
(Additional Honours option)
2021 lowest selection rank: 88.30
2021 lowest ATAR: 69.80
Assumed knowledge: None

Structure
Education Core (11 courses)
• Teaching Specialisation/Methods (4 courses)
• Education Electives (1 course)
• Professional Experience (88 days)
• Double Degree

Career opportunities
Teaching is a stable and rewarding career choice with ongoing demand for skilled educators. Our Bachelor of Education is professionally recognised by NSW Education Standards Authority (NESA). Teach for either government or non-government secondary schools. Our graduates are widely accepted as exemplary teachers throughout Australia as well as internationally. Many of our graduates also pursue careers opportunities outside secondary school teaching including working in community education, cultural institutions and tertiary education.

Professional accreditation
This degree is professionally recognised by NSW Education Standards Authority (NESA). 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 educationstandards.nsw.edu.au

Teaching specialisations
• Aboriginal Studies (Indigenous Studies)
• Ancient History
• Drama
• English
• English as an Additional Language or Dialect
• Geography

Bachelor of Commerce/ Bachelor of Education (Secondary)

Program code: 3462
Duration: 4 years
(Additional Honours option)
2021 lowest selection rank: 93.80
2021 lowest ATAR: 86.55
Assumed knowledge: Band 5 or higher in any HSC English course or the equivalent

Career opportunities
Teaching is a stable and rewarding career choice with ongoing demand for skilled educators. Your 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 careers opportunities outside secondary school teaching including working in community education, cultural institutions and tertiary education.

Teaching specialisations
• Business Studies
• Economics
<table>
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<tr>
<th>Bachelor of Economics/ Bachelor of Education (Secondary)</th>
<th>Bachelor of Fine Arts/ Bachelor of Education (Secondary)</th>
<th>Bachelor of Media Arts/ Bachelor of Education (Secondary)</th>
<th>Bachelor of Music/ Bachelor of Education (Secondary)</th>
<th>Bachelor of Science/ Bachelor of Education (Secondary)</th>
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<td>Program code 4058 Duration 4 years (+ Honours options)</td>
<td>Program code 4063 Duration 4 years (+ Honours options)</td>
<td>Program code 4066 Duration 4 years (+ Honours options)</td>
<td>Program code 4068 Duration 5 years (+ Honours options)</td>
<td>Program code 4075 Duration 4 years (+ Honours option)</td>
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<td>2021 lowest selection rank 91, 00</td>
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</tbody>
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Bachelor of Social Work (Honours)

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

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Double degree options
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Double degree options
• Arts
• Criminology & Criminal Justice
• Law
• Social Science
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.

- Learn from experts in degrees that are career-focused and include flexible double degree options. We rank within the Top 20 in Australia for Accounting and Finance, and are global leaders in Actuarial Studies and Information Systems research.*

> 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

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 career development and experiences ensure you graduate career-ready, prepared to hit the ground running in the workplace.

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 find your own internship or take on a practical social entrepreneurship or strategic consulting project.

Professional Networking
Get personalised advice from experienced industry professionals as part of our ten-week, structured Career Mentoring Program with industry leaders. Hear challenges, trends and opportunities at our Business Insights events where experienced professionals share thought leadership with our students.

Grow your peer network with our career development workshops, career showcases, and by joining a Community Wednesday event. Our student clubs and societies hold regular industry events, upskilling workshops, lecture review sessions and social and professional networking events.

Global Opportunities
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. (Note: Global Business Practicums are offered virtually while travel restrictions are in place.)

For more information, visit business.unsw.edu.au/career-accelerator
Business School Majors

Accounting | Accounting is a broad and dynamic discipline where you record and analyse information to effectively advise organisations, businesses and individuals in strategic decision making. This major is professionally accredited by CAANZ, Australia, the Chartered Accountants Australia and New Zealand (CAANZ), the Chartered Institute of Management Accountants (CIMA) and the Institute of Public Accountants (IPA). Behavioral Economics | Behavioral economics is essential to understand, model and predict choices in complex settings. Behavioral economics incorporates psychological and sociological concepts into the analysis of decision making behind economic outcomes. Learn how to gain insights into individual choices, such as what influences consumers to purchase one product instead of another, or more broadly in business context. Business Analytics | Business Analytics produces and communicates actionable insights and findings from organisational data using descriptive, predictive and prescriptive analytics. This major has an emphasis on the ethical and legal issues of data governance, along with statistical modeling, programming and database management. Business Economics | Business Economics is 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.

Bachelor of Commerce (International)

Program code: 355B Duration: 4 years 2021 lowest selection rank: 60.00 2021 lowest ATAR: 84.49 Assumed knowledge: Mathematics Advanced Structure

First Year Business Core Courses (Integrated First Year) studied on campus or fully online + One Business School Major + Guaranteed Work Integrated Learning + International Studies Courses + Elective Courses or Second Major + Bachelor of Commerce (International) Bachelor of Actuarial Studies

Program code: 3586 Duration: 3 years 2021 lowest selection rank: 95.00 2021 lowest ATAR: 91.35 Assumed knowledge: Mathematics Extension 1 Structure

Actuarial Studies Core Courses + Elective Courses or Optional Major Bachelor of Economics

Structure

First Year Core Business Courses (Integrated First Year) studied on campus or fully online + One Business School Major + Guaranteed Work Integrated Learning + International Studies Courses + Elective Courses or Second Business School Major or minor + Bachelor of Economics Bachelor of Arts

Program code: 3579 Duration: 3 years 2021 lowest selection rank: 99.0 2021 lowest ATAR: 84.00 Assumed knowledge: English A/D, Mathematics A  Structure

First Year Core Business Courses (Integrated First Year) studied on campus or fully online + One Business School Major + Guaranteed Work Integrated Learning + International Studies Courses + Elective Courses or Second Business School Major or minor + Bachelor of Arts Bachelor of Commerce (International)

Program code: 355B Duration: 4 years 2021 lowest selection rank: 60.00 2021 lowest ATAR: 84.49 Assumed knowledge: Mathematics Advanced Structure

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First Year Core Business Courses (Integrated First Year) studied on campus or fully online + One Business School Major + Guaranteed Work Integrated Learning + International Studies Courses + Elective Courses or Second Business School Major or minor + Bachelor of Arts Bachelor of Commerce (International)
Bachelor of Information Systems

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, ISU/IT Consultant, IT Infrastructure Developer, Network Developer, Network and Systems Analyst, Management Consultant and Technical Manager.

Elective streams
- Information Systems in Business
- Information Systems in Computing
- Information Systems in Data Analytics
- Information Systems in Program Management
- Information Systems in Organisations

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

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 SAC accreditation after studying specific elective courses within the Bachelor of Information Systems.

Bachelor of Economics

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
- Data Analysis and Econometrics
- Economic Policy and Society
- Macroeconomics and Financial Markets

You can also study an optional second economics major, or a second major or minor from the list below:
- Any UNSW Business School major
- Environmental Humanities
- History
- International Relations
- Languages
- Mathematics
- Statistics
- Politics
- Psychology
- Sociology and Anthropology

Please note: this is a sample list of a broad variety of available majors. However, if you do not wish to study a major, you may study any combination of prescribed economics electives.

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.

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
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 2021

Improve lives with exciting, real-world projects in our unique ChallsENg 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
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 challenger.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

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

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

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
Bachelor of Science (Computer Science)

Program code 3778
Duration 3 years
2021 lowest selection rank 90.00
2021 lowest ATAR 81.30
Assumed knowledge Mathematics Extension 1 and Physics
Structure
16 Computer Science Courses within your major
+ 6 Electives
+ 2 General Education Electives
+ Possible Minor in Accounting, Finance, Information Systems, Marketing, Maths, Psychology

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.

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

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

This degree is accredited by the Australian Computer Society.

Bachelor of Engineering (Honours)

Program code 3707
Duration 4 years
2021 lowest selection rank 80.00
2021 lowest ATAR 81.60 (Flexible first-year stream)
Assumed knowledge Mathematics Extension 1 and Mathematics: for Bioinformatics; Mathematics Extension 1 and Chemistry; for Chemical and Physical; for Software: Mathematics 1

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

Aerospace Engineering (Honours)

2021 lowest ATAR 83.40
Assumed knowledge Mathematics Extension 1 and Chemistry

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
- 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
- Law
- Master of Biomedical Engineering
- Music
- Science

Bioinformatics Engineering (Honours)

2021 lowest ATAR 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
- Genomics and Genetics
- Machine Learning
- Mathematics
- Web App Programming

Career opportunities
You can work in a variety of industries including bioinformatics, pharmaceutical, agriculture, banking and finance, big data, consulting, development, digital services, education, health, IT, 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 ATAR 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

Chemical Engineering (Honours)

2021 lowest ATAR 81.70
Assumed knowledge Mathematics Extension 1, Physics and Chemistry

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
- Process Design

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
- Science

Chemical Product Engineering (Honours)

2021 lowest ATAR 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 excel 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
- Engineering Science
- Law
- Music
- Science
- Surveying
### Mechanical Engineering (Honours)

**2021 lowest ATAR** 83.40

Mechanical engineers have the ability to conceptualise and execute 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.

**Career opportunities**
- There is 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

### Photovoltaics and Solar Energy (Honours)

**2021 lowest ATAR** 82.60

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**
- Detailed Cell and Module Design
- 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.

### Electrical Engineering (Honours)

**2021 lowest ATAR** 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, IT, digital consulting firms, aptech, health, education, VS.O and embedded systems.

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

### Environmental Engineering (Honours)

**2021 lowest ATAR** 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
Quantum Engineering

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 cutting-edge resources to prepare for work in this growing industry.

Study areas
- Biophysics
- 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 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

Software Engineering (Honours)

2021 lowest ATAR 82.58
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 software design, software development, software engineering or software testing.

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

Richard Lo
Director, Career Development and Industry Partnerships

careers@unsw.edu.au

Telecommunications (Honours)

2021 lowest ATAR 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 in telecommunications service providers, major equipment and device manufacturers, large private industrial groups as well as small medium service and technology providers or start-ups.

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

Renewable Energy (Honours)

2021 lowest ATAR 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
- Biomechanics
- Civil Engineering
- Civil Engineering Science
- Construction and Infrastructure
- Construction and Sustainability
- Geotechnical Engineering
- Geomatics
- Geodesy
- Geology
- Hydrogeology
- Materials Science
- Tunneling and Underground Engineering
- Water Resources

Career opportunities
You can work as a surveyor in local government organisations, airport and transport service providers, major construction companies, federal, state and local government organisations, as well as small to medium service and technology providers.

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

Engineering (Honours)

2021 lowest ATAR 84.74

Gain a comprehensive understanding of how complex microsystems 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 as a mining engineer in local government organisations, local government authorities, state and federal governments, mining and tunnelling, community relations and government organisations.

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

Petroleum Engineering (Honours)

2021 lowest ATAR 82.80

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
- Biomechanics
- 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 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

Bachelor of Civil Engineering with Architecture (Honours)

Program code 3635
Duration 4 years
2021 lowest selection rank 94.00
2021 lowest ATAR 82.58
Assumed knowledge Mathematics Extension 1 and Physics

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: 3811
Duration: 4 years
2021 lowest selection rank: 94.00
2021 lowest ATAR: 86.40

Assumed knowledge:
- Mathematics Extension 1 and Chemistry, Physics

Structure:
- 28 Food Science courses
- 2 Electives
- 2 General Education Electives

Major:
- Food Science and Nutrition
- Food Science and Technology

Optional Minor:
- Humanitarian Science and Technology

Career opportunities:
You can pursue careers 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: 3716
Duration: 5 years
2021 lowest selection rank: 90.00
2021 lowest ATAR: 85.70

Assumed knowledge:
- Mathematics Extension 1 and Physics; for Software: Mathematics Extension 1
- Chemistry; for Chemical and Chemical Product: Chemistry, Mathematics Extension 1 and Physics, for Software: Mathematics 1

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

Major:
- Electrical Engineering and Technology

Optional Minor:
- Humanitarian Science and Technology

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.

Bachelor of Engineering (Honours)/Master of Biomedical Engineering

Program code: 3768
Duration: 5 years
2021 lowest selection rank: 81.15
2021 lowest ATAR: 81.15

Assumed knowledge:
- Mathematics Extension 1 and Physics; for Bioinformatics: Mathematics Extension 1 and Chemistry; for Chemical and Chemical Product: Chemistry, Mathematics Extension 1 and Physics, for Software: Mathematics 1

Structure:
- 28 Bachelor of Engineering (Honours) courses
- 12 Master of Biomedical Engineering courses
- 68 days of Industrial Training

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.
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.

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 and gain insight into the criminal justice system through real world experience.

For more information, visit unsw.edu.au/law-justice
Join a top global Law Faculty
Ranked 13th worldwide and 1st in Sydney*. UNSW Law & Justice has been Australia’s leader in progressive and rigorous legal education and research for 50 years. We also have the highest-ranked criminology program in NSW** which is rated as above world standard.

*QS World University Rankings by Subject 2021
**Excellence in Research Australia 2018

Benefit from interactive classes
Build confidence in your ideas and develop strong relationships with your teachers and peers in our small interactive classes. Our student-focused, interactive teaching environments give you the chance to ask questions, expand your ideas and sharpen your critical and analytical mind. Be part of an innovative learning environment 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. From helping members of the local community at our on-campus community legal centre to undertaking a credit-based work placement at a criminal justice agency, our students put theory into practice.

Global opportunities
Build a global experience into your degree. You can do an exchange, an overseas 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 universities around the world.

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.

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 degrees.unsw.edu.au/practical-legal-training

Law & Justice Moot Court
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 theATAR 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.

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 higher 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

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

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.

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.

Due to the challenges involved with attending the test centre in an evolving COVID-19 situation, we have waived the remote proctoring levy. Sitting the test online is available for all candidates at no additional cost.

For more information, visit lat.acer.edu.au/register/apply-for-remote-proctoring

Bachelor of Laws

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

Adjustment factors accepted for the LLB:

• Points awarded under the Educational Access Scheme (EAS). Visit uac.edu.au/eas
• Points awarded under the AAA Scholarship scheme. Visit scholarships.unsw.edu.au

Sample structure

5 years full-time
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 points were awarded in 2021 was 92.90 + LAT

Choosing UNSW Law & Justice 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

Law Admission Test (LAT)

For more information, visit lat.acer.org/register

Law Admission Test (LAT)
### Bachelor of Criminology and Criminal Justice

**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.

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### Program & Degree Details

<table>
<thead>
<tr>
<th>Program code</th>
<th>Degree Description</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>4757</td>
<td>Actuarial Studies/Law</td>
<td>5 years</td>
</tr>
<tr>
<td>3998</td>
<td>Advanced Mathematics (Hons)/Law</td>
<td>6 years</td>
</tr>
<tr>
<td>3997</td>
<td>Advanced Science (Hons)/Law</td>
<td>6 years</td>
</tr>
<tr>
<td>4782</td>
<td>Arts/Law</td>
<td>5 years</td>
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<tr>
<td>4783</td>
<td>Arts &amp; Business/Law</td>
<td>6 years</td>
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<tr>
<td>4786</td>
<td>City Planning (Hons)/Law</td>
<td>6.7 years</td>
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<td>4733</td>
<td>Commerce/Law</td>
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<tr>
<td>5786</td>
<td>Computer Science/Law</td>
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<td>4763</td>
<td>Criminology &amp; Criminal Justice/Law</td>
<td>5 years</td>
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<td>4795</td>
<td>Data Science &amp; Decisions/Law</td>
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<td>Economics/Law</td>
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<td>3765</td>
<td>Engineering (Hons)/Law</td>
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<td>4759</td>
<td>Fine Arts/Law</td>
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<td>4788</td>
<td>International Studies/Law</td>
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<td>4792</td>
<td>Media (Communication &amp; Journalism)/Law</td>
<td>5 years</td>
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<tr>
<td>4789</td>
<td>Media (PR &amp; Advertising)/Law</td>
<td>5 years</td>
</tr>
<tr>
<td>4752</td>
<td>Media (Screen &amp; Sound Production)/Law</td>
<td>5 years</td>
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<tr>
<td>4755</td>
<td>Medicinal Chemistry (Hons)/Law</td>
<td>6.7 years</td>
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<tr>
<td>4774</td>
<td>Music/Law</td>
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<tr>
<td>4797</td>
<td>Politics, Philosophy &amp; Economics/Law</td>
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<tr>
<td>4722</td>
<td>Psychological Science/Law</td>
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<tr>
<td>4721</td>
<td>Psychology (Hons)/Law</td>
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<tr>
<td>4778</td>
<td>Science/Law</td>
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<tr>
<td>4772</td>
<td>Science &amp; Business/Law</td>
<td>6 years</td>
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<tr>
<td>4787</td>
<td>Social Work (Hons)/Law</td>
<td>6.7 years</td>
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<tr>
<td>4871</td>
<td>Social Science/Law</td>
<td>5.7 years</td>
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<tr>
<td>4804</td>
<td>Social Work (Hons)/Criminology &amp; Criminal Justice</td>
<td>5 years</td>
</tr>
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</table>

*Auditions are required for this degree. Visit arts.unsw.edu.au/sam.*

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

Experience hands-on clinical training, interacting with patients and health professionals in some of Australia’s largest hospitals and health organisations, from the first year in many of our degrees.

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

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
For more information on the UCAT ANZ, visit ucat.edu.au/ucat-anz

Special admission schemes are also available:
Rural Student Entry Scheme 
rcs.med.unsw.edu.au/rural-student-entry-scheme
Indigenous Entry Scheme
rcs.med.unsw.edu.au/indigenous-entry-medicine
Gateway Medicine Entry Scheme
unsw.to/med-pathways

Key dates
UCAT ANZ bookings open:
1 March 2021
Medicine Information Evening:
17 March 2021. Check 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 45th 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.

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.

*QS World University Rankings by Subject 2021

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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.

*QS World University Rankings by Subject 2021
Bachelor of Medical Studies/Doctor of Medicine

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.

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

Program code 3885
Duration 6 years
Entry
Selection Rank + UCAT ANZ + Interview
2021 lowest selection rank* ATAR 71.25
– Interview 86.25 – P. A. L entry 91.65
Assumed knowledge
English Language, English as a Second Language and Fundamentals of English are not considered suitable preparation.

Structure
Phase 1 (Biomedical, clinical and social sciences)
• Phase 2 (Integrated Clinical Courses and Independent Learning Project (ILP))
• Phase 3 (Clinical placements)

Double degree options
• Arts

Bachelor of Exercise Physiology

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.

Program code 3871
Duration 4 years
2021 lowest ATAR* 83.00
2021 lowest selection rank 71.25
Assumed knowledge
Mathematics Advanced and Chemistry

Structure
• Exercise Science
• Exercise Physiology
• Clinical Practicum
• Research Internships

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, 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.

Major
• Exercise Physiology

What I love about the Exercise Science 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

Michelle Mc Mahon, Bachelor of Exercise Physiology

What I love about the program is the hands-on experience you get as a student. There are so many different placements you can do, from public hospitals to private practice. It’s great to have the opportunity to apply what you learn in the classroom to real-world situations.

Rashmi Jayathilake, Bachelor of Medical Studies/Doctor of Medicine

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

Medicine & Health
Bachelor of International Public Health

Program code 3880
Duration 3 years (dual code)
2021 lowest selection rank* 88.00
2021 lowest ATAR* 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

Bachelor of Vision Science

Program code 3181
Duration 3 years
2021 lowest selection rank* 92.88
2021 lowest ATAR* 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 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* 99.28
2021 lowest ATAR* 91.58
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) and the psychophysics of vision and the neuroscience of the brain.

Career opportunities
You can pursue a career as an optometrist, and develop interest and experience in 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.
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
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 3902
Duration 4 years
2021 lowest selection rank 95.00
2021 Lowest ATAR 81.80
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

**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

**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-profit, 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

**Double degree options**
- Arts
- Commerce
- Computer Science
- Economics
- Engineering (Honors)
- Fine Arts
- Law
- Music
- Social Science
- Actuarial Studies
- Arts
- Commerce
- Computer Science
- Economics
- Education (Secondary)
- Engineering (Honors)
- Fine Arts
- Law
- Music
- Social Science

**Notes**
- Students only 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**

Program code 3970
Duration 3 years
(+ 1 year Honours option)
2021 lowest selection rank 86.00
2021 Lowest ATAR 81.95
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

**Structure**

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

**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, forest 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

**Double degree options**
- Arts
- Commerce
- Computer Science
- Economics
- Engineering (Honors)
- Fine Arts
- Law
- Music
- Social Science

**Bachelor of Science and Business**

Program code 3905
Duration 3 years
2021 lowest selection rank 85.00
2021 Lowest ATAR 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

**Structure**

- Major
  - Science Electives
  - Foundation Business Courses
  - 4 Business Electives

**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.

**Majors**
- Anatomy
- Bioinformatics
- Biology
- Biotechnology
- Chemistry
- Earth Science
- Ecology
- Food Science
- Genetics
- Geography
- Immunology
- 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)**

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 Airplane, and ATP (Frozen) is $195,000 (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 (CAASA) medical examination before flying training commences in your second year.

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**Bachelor of Aviation (Management)**

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

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**Bachelor of Biotechnology (Honours)**

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.

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**Bachelor of Data Science and Decisions**

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
Bachelor of Environmental Management

Program code 3965
Duration 3 years
(+ 1 year honours option)
2021 lowest selection rank 85.00
2021 Lowest ATAR 68.88
Assumed knowledge
Mathematics Advanced, Biology plus Chemistry (depending on area of study)

Structure
Environmental Management
Core Courses
Major
Elective Courses
Free Electives
(from any faculty at UNSW)
General Education
Non-Science Courses

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.

Career opportunities
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.

Majors
- Biology
- Earth Science
- Ecology
- Environmental Chemistry
- Geography
- Marine and Coastal Science

Double degree options
- Arts

Bachelor of Life Sciences

Program code 3966
Duration 3 years
(+ 1 year honours option)
2021 lowest selection rank 85.00
2021 Lowest ATAR 67.20+
Assumed knowledge
Mathematics Advanced plus Biology or Chemistry

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

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.

Career opportunities
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.

Majors
- Anatomy
- Biology
- Biological Chemistry
- Biotechnology
- Ecology
- Genetics
- Immunology
- Marine and Coastal Science
- Microbiology
- Molecular and Cell Biology
- Pathology
- Pharmacology
- Physiology
- Psychology

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

Bachelor of Materials Science and Engineering (Honours)

Program code 3131
Duration 4 years
2021 lowest selection rank 85.00
2021 Lowest ATAR 76.75
Assumed knowledge
Mathematics Extension 1, Physics

Structure
Materials Science Core Courses
+ Professional Electives
+ 1 Year Honours
+ General Education, Non-Science Or Engineering Courses

Majors
- Ceramic Engineering
- Functional Materials
- Materials Engineering
- Physical Metallurgy
- Process Metallurgy

Double degree options
- Commerce
- Engineering Science in Chemical Engineering
- Master of Biomedical Engineering

Professional Accreditation
This degree is accredited by Engineers Australia.

Career opportunities
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, biomaterials and electronic materials.

Bachelor of Medical Science

Program code 3991
Duration 3 years
(+ 1 year honours option)
2021 lowest selection rank 85.00
2021 Lowest ATAR 77.55
Assumed knowledge
Mathematics Advanced, Chemistry

Structure
Medical Science Core Courses
+ Perspectives in Medical Science
Medical Science Electives
- General Education Elective
- Free Electives
(from any faculty at UNSW)
General Education
Non-Science Courses

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.

Career opportunities
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.

Majors
- Human Anatomy
- Human Pathology
- Medical Immunology
- Medical Microbiology
- Medical Pharmacology
- Medical Physiology
- Molecular Biology
- Molecular Genetics
- Neuroscience
Bachelor of Psychological Science

Program code: 3405
Duration: 3 years
(= 1 year Honours option)
2021 lowest selection rank: 83.00
2021 Lowest ATAR: 74.65
Assumed knowledge: Mathematics Advanced

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

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.

Career opportunities
Psychologists are employed in a broad range of areas including advertising, counselling, developmental care, community and occupational health, management consultancy, human resource management, recruitment, training and development, industrial relations, banking, journalism, marketing, business and retail management, and statistical and data analysis.

Double degree options
- Law

Bachelor of Science (Advanced Mathematics) (Honours)

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 a one-year Honours-level research project.

Major
- Advanced Statistics
- Pure Mathematics

Double degree options
- Actuarial Studies
- Arts
- Commerce
- Computer Science
- Economics
- Engineering (Honors)
- Law

Bachelor of Psychology (Honours)

Program code: 3632
Duration: 4 years
2021 lowest selection rank: 98.00
2021 Lowest ATAR: 89.60
Assumed knowledge: Mathematics Advanced

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

Double degree options
- Law

Bachelor of Pharmacology (Honours)

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.

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 resource management, recruitment, training and development, industrial relations, banking, journalism, marketing, business and retail management, and statistical and data analysis.

Double degree options
- Law

Program code: 3906
Duration: 4 years
2021 lowest selection rank: 93.00
2021 Lowest ATAR: 89.60
Assumed knowledge: Mathematics Extension 1

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

探究生物学、生物化学、药理学和关键化学技术在多学科中的应用。您的学习将涵盖新药设计和开发的各个方面，从概念到临床阶段。在您的荣誉学年，您将完成一个与研究相关的项目。

职业机会
您将拥有现代分子生物学和药理学所需的技能，后者得到了广泛的化学背景的支持，带有相关的合成化学技能，用于开发复杂药物候选物。您将需要在本地和全球制药公司中开发相关药物设计，以及在研究、政府和教育领域。

双学位选项
- 法学
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.

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

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.
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 west.defence.gov.au/jobs/career/canberra-undergraduate-sponsorship for more information.

Bachelor of Arts
Offered to Defence
Program code 4400
Duration 3 years
[+ 1 year honours option]
2021 lowest selection rank: 75.00 + Defence selection
2021 lowest ATAR: 72.35
Assumed knowledge 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.

Majors
• Business
• English & Media Studies
• Geography
• History
• Indonesian Studies
• International & Political Studies

Career opportunities
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.

Bachelor of Business
Offered to Defence
Program code 4405
Duration 3 years
[+ 1 year honours option]
2021 lowest selection rank: 80.00 + Defence selection
2021 lowest ATAR: 74.98
Assumed knowledge 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.

Career opportunities
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.

Bachelor of Computing and Cyber Security
Offered to Defence, DCUS
Program code 4427
Duration 3 years
[+ 1 year honours option]
2021 lowest selection rank: 75.00 + Defence selection
2021 lowest ATAR: 75.18
Assumed knowledge 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.

Career opportunities
The Bachelor of Computing and Cyber Security will give you an intellectual advantage for all careers in the ADF as well as military roles 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.

Career opportunities
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.

Career opportunities
The Bachelor of 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.

Career opportunities
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.

Career opportunities
The Bachelor of Engineering (Honours) Aeronautical

Offered to Defence, DCUS, Non-Defence
Program code 4472
Duration 4 years
2021 lowest selection rank: 85.00 + Defence selection (Defence, DCUS)
90.00 (Non-Defence)
2021 lowest ATAR: 77.15 (Defence, DCUS)
81.60 (Non-Defence)
Assumed knowledge Mathematics Advanced, Physics

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.

Career opportunities
The Bachelor of 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.

Career opportunities
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.

Career opportunities
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.

Career opportunities
The Bachelor of Engineering (Honours) Civil

Offered to Defence, DCUS, Non-Defence
Program code 4473
Duration 4 years
2021 lowest selection rank: 85.00 + Defence selection (Defence, DCUS)
90.00 (Non-Defence)
2021 lowest ATAR: 81.65 (Defence, DCUS)
85 offers (Non-Defence)
Assumed knowledge Mathematics Advanced, Physics

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.

Career opportunities
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.
Bachelor of Engineering (Honours) Electrical

Electrical engineering 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.

Career opportunities
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.

Offered to Defence. DOS, Non-Defence
Program code 4471
Duration 4 years
2021 lowest selection rank 85.00 + Defence selection (Defence, DCUS) 90.00 (Non-Defence)
2021 lowest ATAR 77.15 (Defence, DCUS) 85.70 (Non-Defence)
Assumed knowledge
Mathematics Advanced, Physics

Bachelor of Science

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.

Offered to Defence
Program code 4410
Duration 3 years
2021 lowest selection rank 75.00 + Defence selection
2021 lowest ATAR 74.40
Assumed knowledge
Mathematics Advanced

Majors
- Aviation
- Chemistry
- Computer Science
- Geography
- Mathematics
- Oceanography
- Physics

Career opportunities
The Bachelor of Science will give you the skills to deal with technical and management issues within the ADF that require scientific knowledge and intellectual and practical problem-solving skills developed through studies in physical, environmental and mathematical sciences.

Bachelor of Engineering (Honours) Mechanical

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.

Career opportunities
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.

Offered to Defence. DOS, Non-Defence
Program code 4474
Duration 4 years
2021 lowest selection rank 85.00 + Defence selection (Defence, DCUS) 90.00 (Non-Defence)
2021 lowest ATAR 79.88 (Defence, DCUS) 85.70 (Non-Defence)
Assumed knowledge
Mathematics Advanced, Physics

Bachelor of Engineering (Honours) Naval Architecture

Naval architecture focuses on the design, building and utilisation of all types of ships and marine vehicles. Naval architects take responsibility for the overall design and integration of systems and draw on a wide variety of skills, covering most forms of engineering. This is because a ship must be a self-sufficient vehicle capable of operating in hostile environmental conditions on the world’s oceans while being able to withstand the loads from the sea and weather.

Career opportunities
The Australian Naval Shipbuilding Program will provide many roles for naval architects in design, construction and in the operation of the fleet as the nation builds its sovereign capabilities. This activity in particular will span defence, government and industry sectors.

Offered to Defence, Non-Defence
Program code 4484
Duration 4 years
2021 lowest selection rank New program
2021 lowest ATAR New program
Assumed knowledge
Mathematics Advanced, Physics

Bachelor of Technology (Aeronautical Engineering)

Seeking an aeronautical engineering degree specifically developed to meet the needs of the Australian Defence Force? 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.

Offered to Defence
Program code 4430
Duration 3 years
2021 lowest selection rank 85.00 + Defence selection
2021 lowest ATAR 82.05
Assumed knowledge
Mathematics Advanced, Physics

Career opportunities
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.

Career opportunities
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.

Majors
- Aviation
- Chemistry
- Computer Science
- Geography
- Mathematics
- Oceanography
- Physics

Career opportunities
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.

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### UNSW Business School

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### Law & Justice

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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
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.
3. 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 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 at degrees.unsw.edu.au.

Bridging courses
UNSW runs bridging courses in chemistry, math 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 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 Musician Co-op, Musician of UNSW Canberra at ADFA.

Visit 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 student.unsw.edu.au.

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.

Applying is easy.

Step 1 – Head online
All domestic applications for undergraduate study are made via UAC. Visit 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. 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. 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 student.unsw.edu.au/welcome. 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.

Visit unsw.edu.au/hscplus for all the details.

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 documents that show you completed relevant 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 Diploma (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.

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 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 Admission Pathway

The Gateway Admission Pathway is an early conditional offer to UNSW for Year 12 students that is administered through the UAC Schools Recommendation Scheme. Your application will be assessed on the basis of your personal statement, your Year 11 results, and your school’s ratings of your aptitudes and performance in relevant areas of study.

If your application is successful, you will receive an early conditional offer with an ATAR entry requirement up to 15 points lower than the advertised 2021 Lowest Selection Rank. Then, if your ATAR result is the same or higher than the requirement set for you in your early conditional offer, you will receive a firm offer to that UNSW degree, if it is your highest eligible preference.

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 futurestudents.unsw.edu.au/unsw-gateway-early-offer.

UNSW Medicine entry schemes

UNSW Medicine offers a Rural Student Entry Scheme for students with a significant rural background, an Indigenous Entry into Medicine Scheme for Aboriginal and Torres Strait Islander people, and the Gateway Medicine Entry Scheme for students from Gateway identified schools.

For more information visit unsw.to/red-pathways.

UNSW Portfolio Entry

UNSW Portfolio Entry is one, easy online process, and can only ever boost your chances of admission. What you submit in your portfolio will depend on which degree you’re interested in.

Art & Design Portfolio Entry

At the UNSW School of Art & Design, we’re always looking for creative talent. Demonstrate your creative potential by preparing and submitting a portfolio of art, design, media, or written work.

Faculty Engineering Admissions Scheme (FEAS)

At UNSW Engineering we strive for a better world, driven by our graduates who are passionate in creating solutions for humanity through their diverse perspectives. Complete a FEAS submission to demonstrate your passion for engineering and performance in relevant subjects.

Built Environment Portfolio Entry

At the UNSW School of Built Environment, we recognise your creative potential. Submit a portfolio of your best creative work to showcase your talent and boost your chances of admission to a design bachelor’s degree.

Bachelor of Information Systems Admissions Scheme (BISAS)

The Bachelor of Information Systems will equip you with the skills and knowledge to shape the technology that fuels the economy. Complete a BISAS submission to demonstrate your passion for information systems and performance in relevant subjects.

Visit unsw.to/portfolio to read more about the requirements so that you can be prepared.

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.

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 864 679 or visit 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/unswpreps17-19.

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. 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.

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 unsw.to/indigenous-pre-programs.

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. You may be required to undertake a written and/or 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.

For more information, visit unsw.to/indigenous-admission-scheme.

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 indigenous.unsw.edu.au/future-students.
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.

Scan the QR code to see where UNSW can take you!

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

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

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

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

Scholarships
Make the most of your studies and student life with financial support from our scholarships. We can help you realise your dream of studying full-time with the support of scholarships for the duration of your program, short-term awards, or grants.
Check your eligibility for different programs at 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 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) or
2. An Equity Scholarships Application via UAC (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
International Student Admissions

The information in this section is intended to provide admissions and entry requirement information for international students sitting Australian High School qualifications (HSC, VCE, QCE etc), New Zealand High School qualifications (NCEA Level 3) or the IB.

If you are planning to study at UNSW Sydney as an international student then please also contact UNSW Future Students on 1300 864 679 for additional information.

Entry requirements
Entry requirements for international students are different to those for domestic students. Please refer to page 99 for a guide to international entry requirements.

English language requirements
If you have successfully completed an Australian or New Zealand High School qualification in Australia or New Zealand, you do not have to prove proficiency in English provided the qualification was:
• taught and examined in English
• completed no more than two years prior to the commencement of the program at UNSW.

All other students should refer to UNSW’s English Language Requirements. For more information, visit unsw.edu.au/english-requirements-policy

Alternative entry and pathways
The alternative entry schemes listed below are available to you as an international student if you are studying an Australian High School qualification. Combined with your ATAR or equivalent, they may assist you in meeting our entry requirements. More information can be found on pages 92 of this guide.

• UNSW Arts, Design & Architecture Portfolio Entry
• Faculty of Engineering Admissions Scheme (FEAS)
• Degree transfer – internally
• TAFE or university study

International Students are not eligible for adjustment factors. In addition, you may consider these pathways designed specifically for international students:

UNSW Diploma Programs
International students who miss out on direct entry to a UNSW degree can apply to UNSW Global to complete a diploma. A diploma provides a fast-track to the second year of an undergraduate degree at UNSW Sydney. UNSW Global offers diplomas in Business, Computer Science, Engineering and Science.

A Diploma in Business is your first step towards a career in business and finance. The Diploma in Business is a pathway into the Bachelor of Commerce. On successful completion of the Diploma you will progress straight into second year of a undergraduate degree at UNSW Business School, one of the top ranking Business schools in Australia.

Fast track your studies and get the support and guidance you need with a UNSW Diploma in Computer Science focusing on the design and construction of computer systems. When you successfully complete the program, you will progress straight into the second year of a Bachelor of Science (Computer Science) degree, accredited by the Australian Computer Society.


Diploma in Science specialisations include: Anatomy, Biology, Chemistry, Food Science, Genetics, Marine Science, Materials Science, Mathematics, Microbiology, Molecular and Cell Biology, Pathology, Pharmacology, Physical Oceanography, Physics, Physiology and Statistics.

For more information, visit unsglobal.unsw.edu.au/diplomas

UNSW Foundation Studies
UNSW Foundation Studies is the leading university foundation program in Australia. If you have finished high school and just missed out on entry to a UNSW Sydney degree, and you don't qualify for a diploma, then you should consider a UNSW Foundation Studies program to meet the academic entry requirements for an undergraduate degree at UNSW.

There are several Foundation Studies programs available, with durations of 4 to 15 months depending on your level of achievement in your prior study. Successful completion of the Foundation Studies programs guarantees you a place in the first year of a UNSW bachelor’s degree.

For more information, visit unsglobal.unsw.edu.au/foundation

Tyree Energy Technologies Building, educational hub and study spaces for engineering students.
Under 18s
Arrangements must be made for students under 18 years of age. These requirements are in line with Australian Government regulations for the care and welfare of international students under 18. For more information, visit student.unsw.edu.au/visa18

Fees and expenses
Tuition Fees
UNSW tuition fees are payable per term and are determined by the subjects you choose. You can find an estimated typical yearly program cost on our Degree Finder site at degrees.unsw.edu.au.

Deposit
When you accept your offer at UNSW you will be required to pay a deposit of AUD$1,000. This amount will go towards your first term of tuition fees.

For more information about the UNSW fees policy, including refund of fees and overpayments, visit student.unsw.edu.au/fees-policy.

International student support
The International Student Experience Unit (ISEU) is the main point of contact for international support at UNSW. It’s where you’ll find answers to all your questions, from setting in, your studies, visa support, information for your family and more.

Some of the support on campus includes:
- International student advisors and consultants
- UNSW Essentials for International Students Resources
- Academic skills workshops
- Peer writing assistants
- Exam preparation tips
- Cultural mentors and transition programs
- International Careers and Internship Expo
- Professional Development Program for International Students
- Safety on campus
- Health and welfare
- Housing assistance

For more information, visit student.unsw.edu.au/international stu

International entry requirements
Entry requirements for international students are different to those for domestic students. This table is a guide only and actual entry requirements may be higher or lower than those indicated. UNSW reserves the right to vary entry requirements from those published without further notice.

<table>
<thead>
<tr>
<th>Degree</th>
<th>Arts, Design &amp; Architecture</th>
<th>CREDC</th>
<th>INTL ATAR</th>
<th>INTL IB</th>
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<tbody>
<tr>
<td>Architectural Studies</td>
<td>0610889 B 85.00 31</td>
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<tr>
<td>Arts</td>
<td>0801910 C 75.00 26</td>
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<tr>
<td>Arts &amp; Business</td>
<td>0776089 C 75.00 26</td>
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<tr>
<td>City Planning (Honours)</td>
<td>088837E 75.00 26</td>
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<tr>
<td>Computational Design</td>
<td>0610859 J 75.00 26</td>
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<tr>
<td>Construction Management and Property</td>
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<tr>
<td>Design</td>
<td>0807659 F 75.00 26</td>
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<tr>
<td>Education (Secondary)/Arts</td>
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<tr>
<td>Education (Secondary)/Commerce</td>
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<tr>
<td>Education (Secondary)/Design</td>
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<td>Education (Secondary)/Fine Arts</td>
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<td>Education (Secondary)/Media Arts</td>
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<tr>
<td>Education (Secondary)/Music</td>
<td>077787F 80.00 32</td>
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<tr>
<td>Education (Secondary)/Science</td>
<td>0705261 A 75.00 26</td>
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<tr>
<td>Fine Arts</td>
<td>0807652 E 75.00 26</td>
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<tr>
<td>Industrial Design</td>
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<td>International Architecture (Undergraduate)</td>
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<td>International Studies</td>
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<td>International Studies (Honours)</td>
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<td>Media Arts</td>
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<tr>
<td>Media (Communication &amp; Journalism)</td>
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<td>Media (Fine &amp; Performing Arts)</td>
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<td>Music (Sound and Screen Productions)</td>
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<td>Music (Undergraduate Music)</td>
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<td>Politics, Philosophy &amp; Economics</td>
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<tr>
<td>Social Science</td>
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<td>Social Work</td>
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<td>Business School</td>
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<tr>
<td>Accounting &amp; Finance</td>
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<td>Commerce</td>
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<td>Economics</td>
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<td>Information Systems</td>
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<td>Engineering (Honours)</td>
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<tr>
<td>Civil Engineering with Architecture (Honours)</td>
<td>050949D 80.00 33</td>
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</tbody>
</table>

Entry guide key
- The degree can be combined with other degrees. Refer to pages 04 for double degree combinations.
- Entry requirements are determined at the higher entry requirement of the two programs listed in this page.
- Include all Law double degrees. See pages 65 for the full list. Please note, there are additional entrance requirements for entry to Law/Hons.
- Include all Engineering specialisations within the Bachelor of Engineering (Honours). See pages 43 – 45 for the full list.
- Applicants who apply should highlight the Faculty of Engineering Admissions Scheme (FEAS) for more information visit FEAS.
- Applicants must also complete a UNSW Application Form available at the Faculty of Engineering Admissions Scheme website.
- More information is available at the Faculty of Engineering Admissions Scheme website.
- Special programs
- Aviation (Flying)
- In the event of an international student(s) application, all applicants must complete the application form available from the School of Engineering website. Prospective and aptitude tests will be undertaken before and during the interview process. During the first year of study, all students must obtain a Class 1 medical from a designated aviation medical examiner and be assessed for CASA English proficiency for pilots. For more information, please visit aviation.unsw.edu.au.

Music
This program has additional selection criteria. All applicants must pass the UNSW Music audition test and, if successful, submit a portfolio of music for consideration by the School of Music and Arts. Further details are available at music.unsw.edu.au.

B Medical Studies/Doctor of Medicine
All international applicants are required to complete the International Student Admission Test (ISAT) or the Universities Admissions Centre (UAC) test. Applicants must also submit an online Medicine Application Form available at apply.med.unsw.edu.au/medicine. Please read the faculty entry requirements carefully. You can also visit the Faculty of Medicine webpages or contact the School of Medicine for more information.

UNSW Foundation Studies
UNSW Foundation Studies is a pathway for entry into all UNSW Bachelor degrees. There are several UNSW Foundation Studies Programs of varying durations. To assess your eligibility, refer to pages 97 or visit unswglobal.unsw.edu.au/diplomas. All international applicants are required to sit the International Student Admission Test (ISAT) or the Universities Admissions Centre (UAC) test. Applicants must also submit an online Medicine Application Form available at apply.med.unsw.edu.au/medicine. Please read the faculty entry requirements carefully. You can also visit the Faculty of Medicine webpages or contact the School of Medicine for more information.

UNSW Foundation Diploma in Science (International Students)
- International Students
- Additional entry requirements
- International entry requirements
- International student support
- Costs of living
- More information available at student.unsw.edu.au/overseas-student-health-cover
## What's on at UNSW

We have a busy schedule of events throughout 2021. Use the QR code to connect with us for all the information.

<table>
<thead>
<tr>
<th>Month</th>
<th>Date(s)</th>
<th>Event</th>
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<tbody>
<tr>
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<td>17</td>
<td>Medicine Info Evening</td>
</tr>
<tr>
<td>April</td>
<td>13, 14, &amp; 15</td>
<td>Experience UNSW</td>
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<tr>
<td></td>
<td>22</td>
<td>Year 10 Info Evening</td>
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<td>28</td>
<td>Year 10 Info Evening</td>
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<tr>
<td>May</td>
<td>6</td>
<td>Law Admission Test (LAT) Info Evening</td>
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<td>Year 10 Info Evening</td>
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<tr>
<td>June</td>
<td>15 &amp; 17</td>
<td>Degrees and Scholarships Info Evening</td>
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<tr>
<td>August</td>
<td>21</td>
<td>UNSW Canberra at ADFA Open Day</td>
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<tr>
<td>September</td>
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<td>UNSW Open Day</td>
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<tr>
<td>December</td>
<td></td>
<td>Info Day</td>
</tr>
</tbody>
</table>

### 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](unsw.to/campus-tours).