The world needs U.

Domestic Undergraduate
Student Guide
2022
The world is changing, and now more than ever, it needs people who want to make a difference. You may not know what, how or why yet, but you know you’re here for a reason.

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

Discover the difference you can make, with UNSW Sydney.

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

Visit UNSW online, unsw.edu.au/study
Choosing the right degree starts here

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

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

Explore the different study areas
If you already know what you’re good at and what you enjoy, see the degrees available in these areas:
- Arts, Design & Architecture p12
- Business p30
- Engineering p38
- Law & Justice p50
- Medicine & Health p58
- Science p66

Be supported along your path
From applying to study to starting your career, our people, values and experiences will guide you to become your best:
- Discover your potential p6
- Plan for your future career p8
- See all the degrees p84
- How to preference and apply p88
- Strengthen your application p90
- Meet the entry requirements p92
- Experience more at UNSW p94
- Come to events p96
Discover your potential

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

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

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

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.

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

Most employable graduates
Highest number of students in Australia’s top 50 Most Employable List
AFR Top 100 Future Leaders Awards, 2020

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

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

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

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

Top 50
Ranked 44th university globally
QS World University Rankings, 2021

Most employable

Top earners

Young Rich Listers

World-leading research

Most responsible

#1 for full-time employment

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The world needs U
Turn your ambition into a career

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

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

Develop your flexible, lifelong career plan
From day one, you can turn to our experts for professional advice and learn how to grab opportunities throughout your career. We will help you:
• Recognise and build upon your professional strengths
• Identify your opportunities and plan a career path
• Think critically and creatively for lifelong career success

Connect with mentors to support your success
It’s who you know! With professional development woven into your studies you’ll be inspired by influential people and future employers. Take advantage of:
• Personalised career mentoring that offers connections, support and insights
• Introductions to exciting companies at industry networking events
• Internships and experiences that build your confidence and reputation

Make an impact with employers
Your knowledge, skills and experience combine to demonstrate why a company should hire you or invest in your idea. We can guide you on how to express your professional best with:
• Internships and practical experiences integrated with your studies
• Strong online presence, resume and cover letter writing skills
• The ability to understand and respond to complex interview questions

You can make this happen
UNSW Careers supports you with expert personalised career planning, mentoring, and job-seeking skill development.
Visit careers.unsw.edu.au

Work Integrated Learning at UNSW builds practical work experience opportunities like internships into your degree.
Visit wil.unsw.edu.au

UNSW Founders develops lifelong career adaptability through creativity and collaboration on your own startup projects.
Visit founders.unsw.edu.au
Let your interests guide you

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

**Step 1**
Think about what’s most important to you in these areas of interest:

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

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

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

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

- **Business Progress**
  Make the decisions that lead social and environmental accountability in the influential world of business.

- **Health & Wellbeing**
  Have a real impact on individual lives and our collective society by supporting healthy bodies and minds.

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

<table>
<thead>
<tr>
<th>Popular UNSW degrees</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Arts</strong></td>
<td>16</td>
</tr>
<tr>
<td>Have your interests and dive into the social sciences, arts and humanities fields you’re compelled by. Bring your passion for culture and activism.</td>
<td></td>
</tr>
<tr>
<td><strong>Architectural Studies</strong></td>
<td>23</td>
</tr>
<tr>
<td>Design with purpose. Bring ideas together to solve challenges for individuals, communities and the environment. Build on your design and model-making skills.</td>
<td></td>
</tr>
<tr>
<td><strong>Design</strong></td>
<td>23</td>
</tr>
<tr>
<td>Look at the issues from your unique perspective. Question the status quo and defend your ideas. Bring your sharp eye and appreciation for form.</td>
<td></td>
</tr>
<tr>
<td><strong>Commerce</strong></td>
<td>34</td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td><strong>Engineering</strong></td>
<td>42</td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td><strong>Law</strong></td>
<td>55</td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td><strong>Exercise Physiology</strong></td>
<td>63</td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>70</td>
</tr>
<tr>
<td>Discover new possibilities. Explore different disciplines as great discoveries are made where paths merge. Upgrade your math skills with research and experimentation.</td>
<td></td>
</tr>
</tbody>
</table>
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 QILT Graduate Outcomes Survey
Bachelor of Arts and Business

Program code 3443
Duration 3 years (+ 1 year Honours option)
2021 lowest selection rank* 75.5
2021 lowest ATAR 75.45*
Assumed knowledge None

Structure
Major (10 courses) +
Minor (4 courses) +
Electives & General Education (18 courses) +
OR
Major (10 courses) +
Minor (4 courses) +
Electives & General Education (18 courses) +

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

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 illustrate 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 available as Majors:

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

The following subject areas are only available as Minors:

- Art History and Theory
- Australian Studies
- Geography (Science)
- Indonesian Studies
- International Relations
- Language Studies
- Modern Greek Studies
- Psychology (Science)
- Gender Studies

Career opportunities

You’ve sought out 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 law, 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 (Hon)
- Advanced Science (Hon)
- Advanced Computer Science
- Engineering (Hon)
- Fine Arts
- CEE
- Media (Communication & Journalism)
- Media (PR & Advertising)
- Media (Screen & Sound Production)
- Medical Doctor
- Music
- Science
- Social Work (Hon)

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

majors

The following subject areas are available as Majors:

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

The following subject areas are only available as Minors:

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

Minors

The following subject areas are on offer as Minors:

- Art History and Theory
- Australian Studies
- Geography (Science)
- Indonesian Studies
- Italian Studies
- Modern Greek Studies
- Psychology (Science)
- Gender Studies

Career opportunities

You’ll be taught by leading experts from UNSW Business School and make valuable industry connections. You’ll receive hands-on learning opportunities.

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

The Bachelor of International Studies is a unique way for students to experience new cultures, build new skills and networks, and form lasting friendships.

minors

Your choice of minor:

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

Career opportunities

Be challenged by the dynamic of global and regional change, explore key developments in international politics and economics and evaluate why the world is changing around you. You will develop the skills you need for a career in today’s global market including working in international business, government agencies (including foreign affairs), investment banks and other financial institutions, United Nations agencies, journalism and media, tourism and trade, humanitarian aid and human rights organisations and international development agencies.

double degree options

- Law
- Media (Communication & Journalism)
- Media (PR & Advertising)
- Media (Screen & Sound Production)

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

minors

Your choice of minor:

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

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 respected leaders and commentators in all aspects of public life.

double degree options

- Law
Bachelor of Social Science

**Program code** 2521

**Duration** 3 years

**(+ 1 year Honours option)**

**2021 lowest selection rank** 80.00

**2021 lowest ATAR** 73.68

**Assumed knowledge** None

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

Gain the skills you need to impact policy, drive social change and make a real difference in the world. As a social scientist, you will learn and develop the knowledge and skills to analyse, challenge and gain insight into complex social, environmental and political problems. As part of your degree you will apply your knowledge of social theory and research to a practical Work Integrated Learning experience and discover firsthand what it is like working in the field of social science.

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

**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**
- Advanced Science (Hons)
- Law
- Social Work (Hons)

Creative Arts and Media

**Bachelor of Fine Arts**

**Program code** 4821

**Duration** 3 years

**(+ 1 year Honours option)**

**2021 lowest selection rank** 80.00

**2021 lowest ATAR** 65.05*

**Assumed knowledge**
- Visual Arts
- Creative Arts and Media
- Paddington campus

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

**Studio specialisations**
Choose two of the following disciplines to specialise in:
- Drawing
- Painting
- Printmaking
- Photography
- Sculpture
- Moving Image

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

**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, curators, 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
- Local and Global Art

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

* The Lowest ATAR to which an offer was made. For this program, a conditional offer will be based on a UNSW Gateway Early Conditional Offer.
Bachelor of Media Arts

Program code 4013
Duration 3 years
(+ 1 year Honours option)
2021 lowest selection rank\(^1\) 80.00
2021 lowest ATAR\(^2\) 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 UNSW Gateway Early Conditional Offer.

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

Studio specialisations
Choose one of the following disciplines to specialise in:

- **Animation** | Develop skills and knowledge across contemporary animation processes.
- **Visual Effects** | Explore contemporary potentials of visual effects from composing to CG integration.
- **Moving Image** | Explore contemporary approaches to video art, short film, audio-visual composition and installation.
- **3D Visualisation** | Dive into the computer-generated world learning key technologies such as virtual reality systems.
- **Sound** | Create media artworks using sound-based techniques and processes in studio and acoustic environments.

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

Double degree options
- **Computer Science**
- **Education (Secondary)**

Communication and Journalism

Program code 3454
Duration 3 years
(+ 1 year Honours option)
2021 lowest selection rank\(^1\) 80.00
2021 lowest ATAR\(^2\) 74.00
Assumed knowledge None

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

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

Majors
- **Media**
- **Communication**
- **Journalism**

Double degree options
- **Arts**
- **International Studies**
- **Law**
- **Music**

Public Relations and Advertising

Program code 3453
Duration 3 years
(+ 1 year Honours option)
2021 lowest selection rank\(^1\) 80.00
2021 lowest ATAR\(^2\) 72.00
Assumed knowledge None

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

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

Majors
- **Media**
- **Advertising**
- **Public Relations**

Double degree options
- **Arts**
- **Commerce**
- **Design**
- **International Studies**
- **Law**
- **Music**

Screen and Sound Production

Program code 3438
Duration 3 years
(+ 1 year Honours option)
2021 lowest selection rank\(^1\) 80.00
2021 lowest ATAR\(^2\) 73.25
Assumed knowledge None

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

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

Majors
- **Media**
- **Screen and Sound Production**
- **Film Studies**

Double degree options
- **Arts**
- **International Studies**
- **Law**
- **Music**

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: 80.00 + audition
2021 lowest ATAR: 79.10
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 Core including Professional Practice/Performance and Music Electives (21 courses)
- Music Specialist Stream (3 courses)
- Electives & General Education (8 courses)

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

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

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

If you are a student of exceptional musical ability, you may be eligible to enter the program prior to completing Year 12. 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.

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.
- Product: 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 of learning key technologies such as virtual reality systems.
- Exhibition: 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: 80.00
2021 lowest ATAR: 84.78
Assumed knowledge: None

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

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

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

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

Professional accreditation
The Bachelor of Architectural Studies is the undergraduate pathway to the accredited professional Master of Architecture degree which has professional recognition from the NSW Architects Registration Board.
UNSW-Tongji Double Degree in Architecture

Program code: 3264
Duration: 4 years
2021 lowest selection rank:ATAR + portfolio + interview
2021 lowest ATAR: B/A
Assumed knowledge: None

Structure
- 3 Semesters at Tongji University
- 6 Terms at UNSW Sydney
- 1 Semester at Tongji University

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

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

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

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

Electives (4 courses) OR Minor
Other disciplines

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 find working across the globe in landscape architecture in private practice, government, and commercial firms, landscape planning and management, designing re-invention, or in project management and strategic planning.

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

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: 3381
Duration: 4 years
2021 lowest selection rank: 80.00
2021 lowest ATAR: 70.35
Assumed knowledge: None

Study areas
- Communications
- Design Studio
- Ecological Processes
- Environmental Technology and Practice
- History and Theory
- Landscape Engineering Principles
- Plants and Design

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

Bachelor of Landscape Architecture (Honours)

Program code: 3332
Duration: 3 years
2021 lowest selection rank: 80.00
2021 lowest ATAR: 70.45
Assumed knowledge: None

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

Minors (Optional)
- Computational Design
- Construction Management
- Industrial Design
- Landscape Architecture

Professional accreditation
The Bachelor of Interior Architecture is recognised by the Interior Designers Federation of Australia (IDFA) and the International Federation of Interior Architects/Designer (IFI) and Design Institute of Interior Designers (IFI).

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

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

Electives & General Education
Other disciplines

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 find working across the globe in landscape architecture in private practice, government, and commercial firms, landscape planning and management, designing re-invention, or in project management and strategic planning.

Study areas
- Construction Technology
- Economics and Law
- Faculties Management
- Facilities Management
- Property Development
- Quantity Surveying

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

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 into the classroom to support our learning. While studying I attained a cadetship in the construction industry; it was a real light bulb moment when I was able to bring classroom concepts to work, and use them to make sense of real-life situations.

Hamza Arshi
Bachelor of Construction Management and Property
Bachelor of City Planning (Honours)

Program code 3862
Duration 4 years (includes practical year)
2021 lowest selection rank 89.00
2021 lowest ATAR 79.55
Assumed knowledge None

Structure
Core (12 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
This degree will prepare you for a career in fields that plan cities, including developing strategies that decide environmental use and land use. You will also be able to work across the development, research, consultation or assessment of urban policies. You may also become a specialist in planning law if you study the City Planning (Honours) double degree with Law.

Professional accreditation
The Bachelor of City Planning (Honours) is accredited by the Planning Institute of Australia (PIA).

Double degree options
• Law

Study areas
• City Economics
• Environmental Science
• Heritage Studies
• Planning History
• Planning Law
• Planning Theory and Methodology
• Sociology
• Transport Planning
• Urban Design

This degree will equip you to influence the way we live by designing what we use every day. You’ll learn about design process, technology and materials, visual communication and more, taking the technical aspects of design in tandem with user experience.

Career opportunities
Prepare for an exciting industrial design career, including working in product design for multidisciplinary design teams such as architectural and engineering consultancies, or within the manufacturing industry for consumer and public access products such as electrical, transport, scientific, medical, retail, furniture or telecommunications. You can also pursue a career in brand marketing or designing multimedia content, graphics, packaging and exhibitions or other services and strategies.

Study areas
• Information Technology in Design
• Building Modelling
• Animation
• Double degree options

Bachelor of Computational Design

Program code 3168
Duration 3 years (+ 1 year Honours option)
2021 lowest selection rank 89.00
2021 lowest ATAR 79.55
Assumed knowledge None

Structure
Core (18 courses)
• Interdisciplinary Learning (2 courses, with students from other disciplines)
• Electives & General Education (4 courses)

The Bachelor of Computational Design gives you an understanding of digital technologies and their use in the built environment. You’ll learn how to design responsive, interactive spaces and develop skills in computer design, 3D modelling, robotic and digital fabrication. You will be able to apply these skills in industrial/urban design and architectural contexts.

Career opportunities
You can expect to choose to work within a range of industries spanning urban planning, architecture, engineering, manufacturing and construction, and also animation and gaming environments. The professions you can choose from include design specialist, digital optimisation consultant, software solutions development, digital production management, and data analysis.

Study areas
• Animation
• Building Modelling
• Computer Aided Design (CAD)
• Design Studio
• Information Technology in Design
• Multimedia
• Rendering

Education and Social Work Bachelor of Education

Bachelor of Industrial Design

Program code 3587
Duration 3 years (+ 1 year Honours option)
2021 lowest selection rank 88.90
2021 lowest ATAR 79.55
Assumed knowledge None

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

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

Structure
Core (21B courses)
• Design Studio (8 courses)
• Interdisciplinary Learning (2 courses, with students from other disciplines)
• Electives & General Education (6 courses)

This degree is designed for students who want to pursue a career in secondary-school teaching. You will develop excellent classroom competency skills and increase your employability upon graduation with 80 days in supervised teaching placements in at least two secondary schools. The Bachelor of Education (Secondary) is only offered as a double degree, which means our graduates can pursue their passion and also benefit from further career opportunities in complementary professions.

Career opportunities
NSW education students are required to pass the Literacy and Numeracy Test for Initial Teacher Education Students (LANTITE) prior to commencing their final-in-school placement. Visit educationstandards.nsw.edu.au for more information.

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

Bachelor of Arts/Bachelor of Education (Secondary)

Program code 4483
Duration 4 years (+ Honours options)
2021 lowest selection rank 88.90
2021 lowest ATAR 69.60
Assumed knowledge Band 5 or higher in any HSC English course or the equivalent

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

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

This degree is designed for students who want to pursue a career in secondary-school teaching. You will develop excellent classroom competency skills and increase your employability upon graduation with 80 days in supervised teaching placements in at least two secondary schools. The Bachelor of Education (Secondary) is only offered as a double degree, which means our graduates can pursue their passion and also benefit from further career opportunities in complementary professions.

Career opportunities
NSW education students are required to pass the Literacy and Numeracy Test for Initial Teacher Education Students (LANTITE) prior to commencing their final-in-school placement. Visit educationstandards.nsw.edu.au for more information.

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

Teaching specialisations
• Business Studies
• Economics

Bachelor of Commerce/Bachelor of Education (Secondary)

Program code 3462
Duration 4 years (+ 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; Mathematics Advanced

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

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

This degree is designed for students who want to pursue a career in secondary-school teaching. You will develop excellent classroom competency skills and increase your employability upon graduation with 80 days in supervised teaching placements in at least two secondary schools. The Bachelor of Education (Secondary) is only offered as a double degree, which means our graduates can pursue their passion and also benefit from further career opportunities in complementary professions.

Career opportunities
NSW education students are required to pass the Literacy and Numeracy Test for Initial Teacher Education Students (LANTITE) prior to commencing their final-in-school placement. Visit educationstandards.nsw.edu.au for more information.

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

Teaching specialisations
• Business Studies
• Economics

Bachelor of Arts/Bachelor of Education (Secondary)
### Bachelor of Education (continued)

<table>
<thead>
<tr>
<th>Program Code</th>
<th>Duration</th>
<th>2021 Lowest Selection Rank1</th>
<th>2021 Lowest ATAR2</th>
<th>Assumed Knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>4058</td>
<td>4 years</td>
<td>80.00</td>
<td>83.05</td>
<td>Band 5 or higher in any HSC English course or the equivalent; Mathematics Advanced</td>
</tr>
<tr>
<td>4063</td>
<td>4 years</td>
<td>80.00 + audition</td>
<td>70.45</td>
<td>Band 5 or higher in any HSC English course or the equivalent; Mathematics Advanced and Chemistry plus one of Biology or Earth and Environmental Science, Physics or Mathematics Extension 1 (depending on chosen area of study).</td>
</tr>
<tr>
<td>4064</td>
<td>5 years</td>
<td>80.00</td>
<td>70.25</td>
<td>Band 5 or higher in any HSC English course or the equivalent; applicants are expected to have reached the level of at least Grade 7 AMEB Performance (or equivalent) and Music 2, or Grade 6 AMEB Musicianship (or equivalent), or HSC Music Extension.</td>
</tr>
</tbody>
</table>

### Teaching Specialisations

- Business Studies
- Economics
- Visual Arts
- Visual and Media Technology
- Music (for Bachelor of Music)
- Physics (for Bachelor of Science/Bachelor of Education)

### Program Code | Duration | 2021 Lowest Selection Rank1 | 2021 Lowest ATAR2 | Assumed Knowledge |
<table>
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<tbody>
<tr>
<td>4066</td>
<td>4.7 years</td>
<td>78.65</td>
<td>77.55</td>
<td>Band 5 or higher in any HSC English course or the equivalent; applicants are expected to have reached the level of at least Grade 7 AMEB Performance (or equivalent) and Music 2, or Grade 6 AMEB Musicianship (or equivalent), or HSC Music Extension.</td>
</tr>
<tr>
<td>4076</td>
<td>4 years</td>
<td>80.00</td>
<td>70.65</td>
<td>Band 5 or higher in any HSC English course or the equivalent; Mathematics Advanced and Chemistry plus one of Biology or Earth and Environmental Science, Physics or Mathematics Extension 1 (depending on chosen area of study).</td>
</tr>
</tbody>
</table>

### Program Code | Duration | 2021 Lowest Selection Rank1 | 2021 Lowest ATAR2 | Assumed Knowledge |
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<tbody>
<tr>
<td>4033</td>
<td>4 years</td>
<td>80.00 + audition</td>
<td>70.05</td>
<td>None</td>
</tr>
</tbody>
</table>

### 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

### Program Code | Duration | 2021 Lowest Selection Rank1 | 2021 Lowest ATAR2 | Assumed Knowledge |
<table>
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<tbody>
<tr>
<td>4033</td>
<td>4 years</td>
<td>80.00 + audition</td>
<td>70.05</td>
<td>None</td>
</tr>
</tbody>
</table>

### Structure

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

### Teaching Specialisations

- Visual Arts
- Visual and Media Technology
- Music (for Bachelor of Music)
- Physics (for Bachelor of Science/Bachelor of Education)
Drive purposeful change to shape a better future. Build adaptive thinking to thrive in this fast-changing world and equip yourself with a career-focused education that promotes professional success.

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

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

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

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

*QS Subject Rankings, 2020, Association for Information Systems Research Rankings 2020, University of Nebraska at Lincoln Global Research Rankings of Actuarial Science and Risk Management & Insurance, 2019.
Join the club
Life at UNSW Business School is about more than lectures and tutorials. Our business clubs and societies introduce you to people who share your interests and passions. Our clubs and societies hold regular industry nights, lecture review sessions and social and professional networking events. UNSW Business Society (BSOC) is the largest society at UNSW and hosts over 75 events a year, including first year camp and mentoring to help you settle in from the beginning.

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

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

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

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

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

For more information, visit business.unsw.edu.au/career-accelerator
Bachelor of Commerce

Program code: 3582
Duration: 3 years (+ 1 year - Part-time option)
2021 lowest selection rank: 54
2021 lowest ATAR: 91.05
Assumed knowledge: Mathematics Advanced

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

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

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

Professional accreditation
You’ll be eligible for membership with many professional organisations depending on the major that you complete.

Double degree options
• Bachelor of Science
• Bachelor of Actuarial Studies
• Bachelor of Laws
• Bachelor of International Relations

Business School Majors

Statistical Modelling, Programming and Analytics. This major has an emphasis on using descriptive, predictive and prescriptive analytics. This major produces and communicates actionable insights and high-quality analysis to help businesses and governments.

Marketing | Grow an organisation by aligning people’s wants and needs to your organisation’s competitive advantage. Marketers work in all stages of a product’s life cycle: identifying new needs and the product development process, to planning and executing through to digital and marketing analytics to inform campaign and product choices.

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

Marketing and communications, which include: marketing, advertising, public relations, media relations, and more. You’ll gain skills in planning, implementing, and evaluating marketing and communication strategies.

Marketing | Marketing is the function and activity that identifies, anticipates, and satisfies customer needs through market offerings. You’ll gain skills in planning, implementing, and evaluating marketing and communication strategies.

Economics and finance, which include: accounting, financial management, and more. You’ll gain skills in understanding and analyzing the financial management of different organizations.

Accounting | Accounting is the process of recording, classifying, summarizing, and communicating financial information for decision-making. You’ll gain skills in understanding and analyzing financial information for different organizations.

Business Economics | Business Economics is the study of the economic behavior of individuals and societies, which includes understanding the role of business in society.

International Business | International Business is the study of business operations in the global economy, which includes understanding the role of business in different countries and cultures.

Bachelor of Actuarial Studies

Program code: 3586
Duration: 4 years
2021 lowest selection rank: 98
2021 lowest ATAR: 91.48
Assumed knowledge: Mathematics Advanced

Structure
First Year Business Core Courses (Integrated First Year) studied on campus or fully online
• One Business School Major
• First International Studies Course
• Elective Courses or Second Business School Major

Majors
Actuarial Studies | Business Economics | Accounting | Management

Double degree options
• Bachelor of Science
• Bachelor of Laws
• Bachelor of International Relations

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

Bachelor of Actuarial Studies

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

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

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

Bachelor of Actuarial Studies (International)

Program code: 3582
Duration: 4 years
2021 lowest selection rank: 98
2021 lowest ATAR: 91.48
Assumed knowledge: Mathematics Advanced

Structure
First Year Business Core Courses (Integrated First Year) studied on campus or fully online
• One Business School Major
• International Studies Courses
• Elective Courses or Second Business School Major
• One Year Overseas Exchange

Majors
Actuarial Studies | Business Economics | Accounting | Management

Double degree options
• Bachelor of Science
• Bachelor of Laws
• Bachelor of International Relations

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

Professional accreditation
You’ll be eligible for membership with many professional organisations depending on the major that you complete.

Business School Majors

Statistical Modelling, Programming and Analytics. This major has an emphasis on using descriptive, predictive and prescriptive analytics. This major produces and communicates actionable insights and high-quality analysis to help businesses and governments.

Marketing | Grow an organisation by aligning people’s wants and needs to your organisation’s competitive advantage. Marketers work in all stages of a product’s life cycle: identifying new needs and the product development process, to planning and executing through to digital and marketing analytics to inform campaign and product choices.

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

Marketing and communications, which include: marketing, advertising, public relations, media relations, and more. You’ll gain skills in planning, implementing, and evaluating marketing and communication strategies.

Marketing | Marketing is the function and activity that identifies, anticipates, and satisfies customer needs through market offerings. You’ll gain skills in planning, implementing, and evaluating marketing and communication strategies.

Economics and finance, which include: accounting, financial management, and more. You’ll gain skills in understanding and analyzing the financial management of different organizations.

Accounting | Accounting is the process of recording, classifying, summarizing, and communicating financial information for decision-making. You’ll gain skills in understanding and analyzing financial information for different organizations.

Business Economics | Business Economics is the study of the economic behavior of individuals and societies, which includes understanding the role of business in society.

International Business | International Business is the study of business operations in the global economy, which includes understanding the role of business in different countries and cultures.

Bachelor of Actuarial Studies

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

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

Bachelor of Actuarial Studies (International)

Program code: 3582
Duration: 4 years
2021 lowest selection rank: 98
2021 lowest ATAR: 91.48
Assumed knowledge: Mathematics Advanced

Structure
First Year Business Core Courses (Integrated First Year) studied on campus or fully online
• One Business School Major
• International Studies Courses
• Elective Courses or Second Business School Major
• One Year Overseas Exchange

Majors
Actuarial Studies | Business Economics | Accounting | Management

Double degree options
• Bachelor of Science
• Bachelor of Laws
• Bachelor of International Relations

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

Professional accreditation
You’ll be eligible for membership with many professional organisations depending on the major that you complete.
**Bachelor of Information Systems**

Program code: 3979  
Duration: 3 years  
2021 lowest selection rank: 80.68  
2021 lowest ATAR: 76.30  
Assumed knowledge: Mathematics Advanced

Structure  
Information Systems Core and Elective Courses  
Business School Core Courses  
Elective Courses or Second Major

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

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

Majors  
- Information Systems

Double degree options  
- 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.

And a second major from the economics majors OR the list of Business School majors OR a minor from the below:  
- Accounting  
- Business Analytics  
- Finance  
- Financial Technology  
- Human Resource Management  
- Information Systems  
- International Business  
- Languages  
- Marketing  
- Mathematics (Science)  
- Psychology (Science)  
- Statistics  
- Taxation

Co-op degrees

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

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

UNSW Business School offers four Co-op degrees:  
- Bachelor of Actuarial Studies (Co-op)  
- Bachelor of Commerce (Co-op)  
- Bachelor of Commerce (Co-op) (Honours)  
- Bachelor of Information Systems (Co-op) (Honours)

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

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

**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  
In this degree you select at least one economics major:  
- Economics  
- Econometrics  
- Financial Economics

And a second major from the economics majors OR the list of Business School majors OR a minor from the below:  
- Accounting  
- Business Analytics  
- Finance  
- Financial Technology  
- Human Resource Management  
- Information Systems  
- International Business  
- Languages  
- Marketing  
- Mathematics (Science)  
- Psychology (Science)  
- Statistics  
- Taxation

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

Program code: 3543  
Duration: 3 years  
2021 lowest selection rank: 91.00  
2021 lowest ATAR: 79.60  
Assumed knowledge: Mathematics Advanced

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

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

Majors  
- Information Systems

Double degree options  
- 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.

And a second major from the economics majors OR the list of Business School majors OR a minor from the below:  
- Accounting  
- Business Analytics  
- Finance  
- Financial Technology  
- Human Resource Management  
- Information Systems  
- International Business  
- Languages  
- Marketing  
- Mathematics (Science)  
- Psychology (Science)  
- Statistics  
- Taxation

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

Program code: 3979  
Duration: 3 years  
2021 lowest selection rank: 80.68  
2021 lowest ATAR: 76.30  
Assumed knowledge: Mathematics Advanced

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

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

Majors  
- Information Systems

Double degree options  
- Actuarial Studies  
- Actual 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](http://business.unsw.edu.au/bisas)

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

UNSW Business School offers four Co-op degrees:  
- Bachelor of Actuarial Studies (Co-op)  
- Bachelor of Commerce (Co-op)  
- Bachelor of Commerce (Co-op) (Honours)  
- Bachelor of Information Systems (Co-op) (Honours)

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

For more information, visit [co-op.unsw.edu.au](http://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 2020

Improve lives with exciting, real-world projects in our unique Challeng 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 challenge.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 (WIEsSoc). 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 4 years
2021 lowest ATAR 83.40
Program code 3789
Duration 4 years
2021 lowest ATAR 85.70

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
  - e-Commerce Systems
  - Embedded Systems
  - Programming Languages
  - Security Engineering

This degree is accredited by the Australian Computer Society.

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 (Honours)
- Advanced Science (Honours)
- Arts
- Commerce
- Economics
- Engineering (Honours)
- Law
- Media Arts
- Science

Bachelor of Engineering (Honours)

Program code 3707
Duration 4 years
2021 lowest ATAR 81.60
Program code 3708
Duration 3 years
2021 lowest ATAR 81.70

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.

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 want 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!

Felicie Tan
Bachelor of Engineering (Hons) Electrical Engineering/Bachelor of Commerce

Aerospace Engineering (Honours)

2021 lowest ATAR 83.40

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

Study areas
- Aircraft Dynamics
- 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 (Honours)
- Advanced Science (Honours)
- Arts
- Commerce
- Computer Science
- Science

Bioinformatics Engineering (Honours)

2021 lowest ATAR 85.70

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

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

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

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

Chemical Engineering (Honours)

2021 lowest ATAR 81.70

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

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

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

Double degree options
- Advanced Mathematics (Honours)
- Advanced Science (Honours)
- Arts
- Commerce
- Computer Science
- Science

Chemical Product Engineering (Honours)

2021 lowest ATAR 81.70

This degree prepares you for 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.

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.

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

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 (Honours)
- Advanced Science (Honours)
- 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

Study areas
• Computer Aided Design (CAD)
• Computer Aided Manufacturing (CAM)
• Fluid Dynamics
• Heat Transfer
• Materials Science
• Noise and Vibration
• Power Generation
• Thermodynamics

Mechanical and Manufacturing Engineering (Honours)

2021 lowest ATAR: 83.40

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

Career opportunities
As a mechanical engineer you’ll work in industries such as automotive, aerospace, defence, mining, cargo handling and agriculture. You can also work in designing robots and vehicles, and a thorough knowledge of industrial automation. You can apply this knowledge across the evolving field of smart machines and systems.

Study areas
• Computer Aided Manufacturing (CAM)
• Computer Aided Design (CAD)
• Fluid Dynamics
• Materials Science
• Mechanics of Solids
• Process Technology and Automation
• Reliability and Maintenance Engineering
• Thermodynamics

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

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

Photovoltaics and Solar Energy (Honours)

2021 lowest ATAR: 82.80

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

Study areas
• Design and Construction
• 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 formulation, programs for developing countries, solar cells and system design.

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

Computer 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, aerospace, defence, transport, power generation, transport, construction, mining, manufacturing consumer devices and appliances.

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

Electrical 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
• Music
• Science

Environmental Engineering (Honours)

2021 lowest ATAR: 88.00

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

Study areas
• Environmental Engineering
• Environmental Studies
• Geotechnical Engineering
• Transport Engineering
• Water and Wastewater Engineering

Career opportunities
Environmental Engineering graduates 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

Study areas
• Computer Aided Design (CAD)
• Computer Aided Manufacturing (CAM)
• Fluid Dynamics
• Heat Transfer
• Materials Science
• Noise and Vibration
• Power Generation
• Thermodynamics

Mechatronic Engineering (Honours)

2021 lowest ATAR: 83.40

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

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

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

Study areas
• Advanced Computing
• Computer Aided Design (CAD)
• Computer Aided Manufacturing (CAM)
• Fluid Dynamics
• Heat Transfer
• Materials Science
• Noise and Vibration
• Power Generation
• Thermodynamics

Mechanical and Manufacturing Engineering (Honours)

2021 lowest ATAR: 83.40

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

Career opportunities
As a mechanical engineer you’ll work in industries such as automotive, aerospace, defence, mining, cargo handling and agriculture. You can also work in designing robots and vehicles, and a thorough knowledge of industrial automation. You can apply this knowledge across the evolving field of smart machines and systems.

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

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

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

Study areas
• Advanced Computing
• Computer Aided Design (CAD)
• Computer Aided Manufacturing (CAM)
• Fluid Dynamics
• Heat Transfer
• Materials Science
• Noise and Vibration
• Power Generation
• Thermodynamics

Photovoltaics and Solar Energy (Honours)

2021 lowest ATAR: 82.80

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

Study areas
• Design and Construction
• 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 formulation, programs for developing countries, solar cells and system design.

Double degree options
• Advanced Mathematics (Hons)
• Advanced Science (Hons)
• Arts
• Commerce
• Computer Science
• Engineering Science
• Law
• Music
• Science
Mining Engineering (Honours)

2021 lowest ATAR: 83.70

Gain a comprehensive understanding of how complex mining systems work together and pursue a career that meets the global need for minerals.

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

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

Double degree options
- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Arts
- Commerce
- 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
- Biomedical
- 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 gain employment in the oil and gas industry, oil service company's 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

Renewable Energy Engineering (Honours)

2021 lowest ATAR: 82.80

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

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

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

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

Surveying (Honours)

2021 lowest ATAR: 83.70

Assumed knowledge
Mathematics Extension 1

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

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

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

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

Quantum Engineering

2021 lowest ATAR: 81.85

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

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

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

Bachelor of Civil Engineering with Architecture (Honours)

Program code: 2315
Duration: 4 years

2021 lowest selection rank: 82.50

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 harbours authorities, project developers, financial organisations and management consultancies.

This degree is accredited by Engineers Australia.

Software Engineering (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 with telecommunications service providers, major equipment and device manufacturers, large private industrial groups as well as small to medium service and technology providers or start-ups.

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

Telecommunications (Honours)

2021 lowest ATAR: 81.05

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

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

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

5282
Bachelor of Food Science (Honours)

Program code: 3861
Duration: 4 years
2021 lowest selection rank: 94.00
2021 lowest ATAR: 86.70
Assumed knowledge: Mathematics Extension 1 and Chemistry, Physics

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

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

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

Majors:
- Food Science and Nutrition
- Food Science and Technology

Optional Minor:
- Humanitarian Science and Technology

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

Degree curriculum is approved by the Institute of Food Technologists.

Bachelor of Engineering (Honours)/Master of Biomedical Engineering

Program code: 3768
Duration: 5 years
2021 lowest selection rank: 90.00
2021 lowest ATAR: 81.15
Assumed knowledge: Mathematics Extension 1 and Physics; for Bioinformatics, Mathematics Extension 1 and Chemistry; for Chemical, Chemistry, Mathematics Extension 1 and Physics; for Software, Mathematics 1 only

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

Disciplines:
- Bioinformatics Engineering
- Chemical Engineering

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

This degree is accredited by Engineers Australia.

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

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

Program code: 3716
Duration: 5 years
2021 lowest selection rank: 85.00
2021 lowest ATAR: 86.40
Assumed knowledge: Mathematics Extension 1 and Chemistry, Physics

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

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

Broadening discipline electives available:
- Commerce
- Languages
- Mathematics
- Mechatronics
- Music
- Photovoltaics
- Physics
- Psychology

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

This degree is accredited by Engineers Australia.

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

Bachelor of Food Science (Honours)

Program code: 3861
Duration: 4 years
2021 lowest selection rank: 90.00
2021 lowest ATAR: 81.15
Assumed knowledge: Mathematics Extension 1 and Chemistry, Physics

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

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

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

Majors:
- Food Science and Nutrition
- Food Science and Technology

Optional Minor:
- Humanitarian Science and Technology

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

Degree curriculum is approved by the Institute of Food Technologists.

Bachelor of Engineering (Honours)/Master of Biomedical Engineering

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Duration: 5 years
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The Bachelor of Engineering (Honours) component of this double degree provides a solid background in mathematics, natural sciences and computing. In the Master of Biomedical Engineering you’ll learn principles for the development of technologies and solutions in healthcare-related fields such as implantable bionics and robotic surgery.

Disciplines:
- Bioinformatics Engineering
- Chemical Engineering

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

This degree is accredited by Engineers Australia.

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

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Duration: 5 years
2021 lowest selection rank: 85.00
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Assumed knowledge: Mathematics Extension 1 and Chemistry, Physics

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

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

Broadening discipline electives available:
- Commerce
- Languages
- Mathematics
- Mechatronics
- Music
- Photovoltaics
- Physics
- Psychology

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

This degree is accredited by Engineers Australia.

Structure:
34 Integrated Electrical Engineering courses, Bachelor and Master degree
+ 6 Broadening Discipline Electives (Minor or Free Electives)
+ 60 days of Industrial Training
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 through real legal practice, helping members of the local community at our onsite community legal centre.

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

For more information, visit law.unsw.edu.au
Join a top global Law School
Ranked the 14th in the world and 15th for Employer Reputation in the 2020 QS World Rankings, UNSW Law & Justice has been Australia’s leader in progressive and rigorous legal education and research for 50 years.

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

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

Extensive clinics and internships
Apply what you learn in the classroom to real life practice with the wide range of practical experiences available. For more information, visit law.unsw.edu.au/experiential-learning

Global opportunities
Build a global experience into your degree. You can do an exchange, an overseas Law elective course or an internship abroad. Overseas electives and exchange can take you to places like Brazil, China, India, Switzerland, USA or Vanuatu. There are more than 80 exchange destinations at leading law schools around the world.
To view a full list of our exchange destinations, visit student.unsw.edu.au/partners

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

Step 1 – Complete your Bachelor of Laws (LLB).
Step 2 – Complete your GDLPP at UNSW.
Step 3 – Apply to the Supreme Court for admission to practice.
For more information, visit law.unsw.edu.au/plt

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

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

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

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

Who is eligible to sit the 2021 LAT?

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

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

How are LAT results used?

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

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

Your academic results (ATAR plus adjustment factors) remain an important component of the selection criteria. For more information, visit student.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;
• have not failed any course; and
• are not in the final year of their current program.

Apply for IPT via myUNSW. For more information visit student.unsw.edu.au/lant.

Where is the LAT held?

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

Remote proctoring

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

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

For more information, visit lat.acer.org/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

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

— Emily Ramsay, Bachelor of Politics, Philosophy and Economics/Bachelor of Laws
Bachelor of Criminology and Criminal Justice

Program code 3422
Duration 3 years (+ 1 year Honours option)
2021 lowest selection rank 80.00
2021 lowest ATAR 70.15
Assumed knowledge None
The LAT is not required for entry into this program.

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

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 pilfering, 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.

Law & Justice double degrees

<table>
<thead>
<tr>
<th>Program code</th>
<th>Degree</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>4737</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>
</tr>
<tr>
<td>4783</td>
<td>Arts &amp; Business/Law</td>
<td>6 years</td>
</tr>
<tr>
<td>4786</td>
<td>City Planning (Hons)/Law</td>
<td>6.7 years</td>
</tr>
<tr>
<td>4733</td>
<td>Commerce/Law</td>
<td>5 years</td>
</tr>
<tr>
<td>4786</td>
<td>Computer Science/Law</td>
<td>5 years</td>
</tr>
<tr>
<td>4763</td>
<td>Criminology &amp; Criminal Justice/Law</td>
<td>5 years</td>
</tr>
<tr>
<td>4795</td>
<td>Data Science &amp; Decisions/Law</td>
<td>5.7 years</td>
</tr>
<tr>
<td>4744</td>
<td>Economics/Law</td>
<td>5 years</td>
</tr>
<tr>
<td>3765</td>
<td>Engineering (Hons)/Law</td>
<td>6.7 years</td>
</tr>
<tr>
<td>4759</td>
<td>Fine Arts/Law</td>
<td>5 years</td>
</tr>
<tr>
<td>4788</td>
<td>International Studies/Law</td>
<td>6 years</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Program code</th>
<th>Degree</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>4792</td>
<td>Media (Communication &amp; Journalism)/Law</td>
<td>5 years</td>
</tr>
<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>
</tr>
<tr>
<td>4755</td>
<td>Medicinal Chemistry (Hons)/Law</td>
<td>6.7 years</td>
</tr>
<tr>
<td>4774</td>
<td>Music/Law*</td>
<td>6 years</td>
</tr>
<tr>
<td>4797</td>
<td>Politics, Philosophy &amp; Economics/Law</td>
<td>6 years</td>
</tr>
<tr>
<td>4722</td>
<td>Psychological Science/Law</td>
<td>5 years</td>
</tr>
<tr>
<td>4721</td>
<td>Psychology (Hons)/Law</td>
<td>6 years</td>
</tr>
<tr>
<td>4778</td>
<td>Science/Law</td>
<td>5 years</td>
</tr>
<tr>
<td>4772</td>
<td>Science &amp; Business/Law</td>
<td>6 years</td>
</tr>
<tr>
<td>4787</td>
<td>Social Work (Hons)/Law</td>
<td>6.7 years</td>
</tr>
<tr>
<td>4817</td>
<td>Social Science/Law</td>
<td>5.7 years</td>
</tr>
<tr>
<td>4804</td>
<td>Social Work (Hons)/Criminology Criminology &amp; Criminal Justice</td>
<td>5 years</td>
</tr>
</tbody>
</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.

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

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

For more information, visit med.unsw.edu.au

Exercise Physiology practical learning environment
Study the most in-demand degree

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

Learn from leaders in the field

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

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.

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
rsc.med.unsw.edu.au/rural-student-entry-scheme

Indigenous Entry Scheme
rsc.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.

*QS World University Rankings by Subject 2020

Exercise Physiology practical learning environment
Bachelor of Medical Studies/Doctor of Medicine

Program code: 3885
Duration: 6 years
Entry:
- Selection Rank + UCAT ANZ + Interview
2021 lowest selection rank: ATAR 91.65
- Local Entry 97.20

Assumed knowledge:
- English Standard, 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)

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 lifelong 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 science 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 biomedicine.

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 Wollongong.

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

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Bachelor of Exercise Physiology

Program code: 3871
Duration: 4 years
Entry:
- Selection Rank + UCAT ANZ + Interview
2021 lowest selection rank: ATAR 91.25

Assumed knowledge:
- Mathematics Advanced and Chemistry

Structure:
- Exercise Science
- Exercise Physiology
- Clinical Practicum
- Research Internships

Double degree options:
- Arts

Majors:
- Medical Studies
- Doctor of Medicine

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

For further information on medicine entry visit med.unsw.edu.au/med-how-to-apply

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.

Career opportunities:
Exercise Physiologists are 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 neuromotor 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.

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* Subject to COVID-19 related restrictions and modifications in 2021
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 at local, state or international levels. Alternatively, graduates may wish to pursue a 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 in to work in eye health sector spanning clinical settings, health promotion in government and non-government organisations and the ophthalmic industry. You can work in a 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 (Diabetes 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), the psychophysics of vision and the neuroscience of the brain.

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

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

Program code: 3970
Duration: 3 years
(+ 1 year Honours option)
2021 lowest selection rank: 95.00
2021 Lowest ATAR: 85.87
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

1 Year Honours

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
• Psychology
• Statistics
• Vision Science

Double degree options
• Arts
• Commerce
• Computer Science
• Economics
• Engineering (Honours)
• Fine Arts
• Law
• Music
• Social Science

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

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

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

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

Bachelor of Advanced Science (Honours)

Program code: 3962
Duration: 4 years
2021 lowest selection rank: 93.00
2021 Lowest ATAR: 81.00
Assumed knowledge:
Chemistry, Mathematics Advanced or Mathematics Extension 1 (depending on chosen area of study) plus one or more of Biology, Earth and Environmental Science, Physics

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

1 Year Honours

Majors
• Introductory Skills for Major (choose one or two)

Double degree options
• Arts
• Commerce
• Computer Science
• Economics
• Engineering (Honours)
• Fine Arts
• Law
• Music
• Social Science

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

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
• Psychology
• Statistics
• Vision Science

Double degree options
• Arts
• Commerce
• Computer Science
• Economics
• Engineering (Honours)
• Fine Arts
• Law
• Music
• Social Science

Bachelor of Science (International)

Program code: 3967
Duration: 4 years
2021 lowest selection rank: 95.00
2021 Lowest ATAR: 81.75
Assumed knowledge:
Chemistry, Mathematics Advanced or Mathematics Extension 1 (depending on chosen area of study) plus one or more of Biology, Earth and Environmental Science, Physics

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

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

Double degree options
• Arts
• Commerce
• Computer Science
• Economics
• Engineering (Honours)
• Fine Arts
• Law
• Music
• Social Science

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

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

Double degree options
• Arts
• Commerce
• Computer Science
• Economics
• Engineering (Honours)
• Fine Arts
• Law
• Music
• Social Science

Bachelor of Science and Business

Program code: 3965
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

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
• Psychology
• Statistics
• Vision Science

Double degree options
• Arts
• Commerce
• Computer Science
• Economics
• Engineering (Honours)
• Fine Arts
• Law
• Music
• Social Science

Career opportunities
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.

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
• Psychology
• Statistics
• Vision Science

Double degree options
• Law

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 Aviation (Flying)

Program code: 3980
Duration: 3 years
2021 lowest selection rank: 80.00 + Interview
2021 Lowest ATAR: 72.05
Assumed knowledge: Mathematics Advanced

Structure
- Aviation Flying Core Courses
- + General Education
- Non-Science Courses

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. 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 ATPL (Frozen) is $139,500 (some elective fees and extra flying fees may apply). Additional flying costs are incurred depending on your choice of third year flying practice and if more than the 210 flight hours are required to achieve proficiency in any aspect of the flight training.

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

Bachelor of Aviation (Management)

Program code: 3981
Duration: 3 years
2021 lowest selection rank: 80.00
2021 Lowest ATAR: 72.05
Assumed knowledge: Mathematics Advanced

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

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

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.

Bachelor of Biotechnology (Honours)

Program code: 3953
Duration: 4 years
2021 lowest selection rank: 83.00
2021 Lowest ATAR: 75.10
Assumed knowledge: Mathematics Advanced, Chemistry

Structure
- Biotechnology Core Courses
- + Biotechnology Elective Courses
- + Free Electives (from any faculty at UNSW)
- + General Education
- Non-Science Courses
- + 1 Year 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 skills. You'll gain a research team in the School of Biotechnology and Biomolecular Sciences to complete a supervised research project and thesis.

Career opportunities
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: 80.00
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

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

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.

Double degree options:
- Arts

Bachelor of Life Sciences

Program code: 3966
Duration: 3 years
*(+ 1 year honours option)
2021 lowest selection rank: 80.00
2021 Lowest ATAR: 67.20
Assumed knowledge: Mathematics Advanced plus Biology or Chemistry

Structure:
- Science Electives
- Free Electives
  From any Faculty at UNSW
- General Education
- Non-Science Courses

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

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.

Bachelor of Materials Science and Engineering (Honours)

Program code: 3131
Duration: 5 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.

Bachelor of Medical Science

Program code: 3901
Duration: 3 years
*(+ 1 yearhonours option)
2021 lowest selection rank: 88.00
2021 Lowest ATAR: 77.55
Assumed knowledge: Mathematics Advanced, Chemistry

Structure:
- Medical Science Core Courses
- Perspectives in Medical Science
- Medical Science Electives
- General Science Elective
- Free Electives
  From any Faculty at UNSW
- General Education
- Non-Science Courses

Majors:
- Human Anatomy
- Human Pathology
- Medical Immunology
- Medical Microbiology
- Medical Pharmacology
- Medical Physiology
- Molecular Biology
- Molecular Genetics
- Neurobiology

Career opportunities:
You can work in fields such as medical research, paramedical professions, health policy, medical laboratory science, pathology and forensics science, patents and intellectual property, market research and product development, and in pharmaceutical and biotechnology industries.
Bachelor of Medicinal Chemistry (Honours)

Program code: 3900
Duration: 4 years

2021 lowest selection
rank: 87.00
2021 Lowest ATAR: 76.88
Assumed knowledge: Mathematics Advanced, Chemistry

Structure

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

Explore biology, biochemistry, pharmacology and essential chemistry techniques in this multidisciplinary degree. Your study will encompass all aspects of new drug design and development, from concept to clinic stages. In your Honours year, you’ll complete a supervised research project.

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

Double degree options
• Law

Bachelor of Psychological Science

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

Double degree options
• Law

Bachelor of Psychology (Honours)

Program code: 3632
Duration: 4 years

2021 lowest selection
rank: 89.00
2021 Lowest ATAR: 85.68
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

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 resources, 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)

Program code: 3956
Duration: 4 years

2021 lowest selection
rank: 83.00
2021 Lowest ATAR: 85.68
Assumed knowledge: Mathematics Extension 1

Structure

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

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.

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

Double degree options
• Actuarial Studies
• Arts
• Commerce
• Computer Science
• Economics
• Engineering (Hons)
• Law
• Pure Mathematics
• Applied Mathematics
• Actuarial Studies
• Arts
• Commerce
• Computer Science
• Economics
• Engineering (Hons)
• Law
• Pure Mathematics
• Applied Mathematics
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](http://unsw.adfa.edu.au)
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.

## Bachelor of Arts

**Offered to Defence**

Program code: 4400

<table>
<thead>
<tr>
<th>Duration</th>
<th>3 years (+ 1 year Honours option)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021 lowest selection rank</td>
<td>78.00 + Defence selection</td>
</tr>
<tr>
<td>2021 lowest ATAR</td>
<td>72.35</td>
</tr>
</tbody>
</table>

**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.

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## Bachelor of Engineering (Honours) Aeronautical

**Offered to Defence, DCUS, Non-Defence**

Program code: 4473

<table>
<thead>
<tr>
<th>Duration</th>
<th>4 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021 lowest selection rank</td>
<td>85.00 + Defence selection (Defence, DCUS) 98.00 (Non-Defence)</td>
</tr>
<tr>
<td>2021 lowest ATAR</td>
<td>77.15 (Defence, DCUS) 81.60 (Non-Defence)</td>
</tr>
</tbody>
</table>

**Assumed knowledge**

Mathematics Advanced, Physics

**Career opportunities**

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 Aeronautical Engineering covers the design, reliability and maintenance of both fixed-wing and rotary-wing aircraft, critical to the operations of the Navy, Army and Air Force. The degree will prepare you for undertaking these sorts of roles within the Australian Defence Force or with companies that service the ADF.

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## Bachelor of Engineering (Honours) Civil

**Offered to Defence, DCUS, Non-Defence**

Program code: 4427

<table>
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<tr>
<th>Duration</th>
<th>3 years (+ 1 year Honours option)</th>
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<tbody>
<tr>
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<td>78.00 + Defence selection</td>
</tr>
<tr>
<td>2021 lowest ATAR</td>
<td>75.18</td>
</tr>
<tr>
<td>Assumed knowledge</td>
<td>Mathematics Advanced</td>
</tr>
</tbody>
</table>

**Career opportunities**

A degree in Civil Engineering will give you the skills to take responsibility for the design and construction of infrastructure, such as buildings, roads, bridges, airports and water supply. You will study subjects including engineering mechanics, computational problem-solving, physics, geotechnical design, cyber security, and hydrology and environmental engineering practice.

**Career opportunities**

The Bachelor of Civil Engineering will give you the skills to take responsibility for the design and construction of infrastructure, such as buildings, roads, bridges, airports and water supply. You will study subjects including engineering mechanics, computational problem-solving, physics, geotechnical design, cyber security, and hydrology and environmental engineering practice.
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.

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.

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.

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 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.

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.
## Degree Index

### Arts, Design & Architecture

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### Science/Arts

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### Science and Business

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### Canberra (non-defence students)

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### Engineering (Hons)(Aeronautical)

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### Engineering (Hons)(Civil)

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### Engineering (Hons)(Electrical)

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### Engineering (Hons)(Mechanical)

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<tbody>
<tr>
<td>Engineering (Hons)(Mechanical)</td>
<td>4F</td>
<td>82</td>
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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.

* The Lowest ATAR to which an offer was made, for this program, is based on a UNiDS Gateway Early Conditional Offer.
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. However, we have what’s called ‘assumed knowledge’. If you haven’t studied the assumed knowledge subjects, it won’t stop us from making you an offer for a degree if you are eligible, but you may find yourself behind in your first year. We strongly recommend bridging courses if you don’t have the assumed knowledge for your degree of interest.

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

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

Visit unsw.edu.au/bridging 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 Marathon Co-op, Menzies or 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 uac.edu.au.

**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 gettingstarted.unsw.edu.au/dates. We look forward to seeing you on campus soon.
Adjustment factors

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

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

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

How do I apply?
No application is required for HSC Plus. If you have the required subject results for your preferred degree, points will be automatically added to your ATAR (or equivalent) to increase your selection rank.

To see a list of degrees included in the HSC Plus scheme and how many points you may be eligible for, visit unsw.edu.au/hscplus.

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

To be eligible you must:
• Have completed activities in Years 11 and/or 12
• Be a domestic student (that is, an Australian citizen, Australian permanent resident, Australian permanent humanitarian visa holder or a New Zealand citizen)
• Complete an Australian Senior Secondary Certificate of Education (Year 12) or the International Baccalaureate (IB) Diploma in the two years before admission to UNSW and receive an ATAR or equivalent
• Achieve the required performance bands in relevant Year 12 subjects
• Have not undertaken tertiary study*

* If you have a record of tertiary study, contact 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.

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.

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

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

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

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

For more information, visit gateway.unsw.edu.au

Faculty-specific entry pathways
UNSW Arts, Design & Architecture Portfolio Entry
You can submit a portfolio of your best creative work to showcase your talent and boost your chance of an offer. While some students are admitted based on their academic performance alone, submitting a portfolio can boost your chance of an offer. To apply, check the specific requirements for your chosen degree online and visit unsw.to/portfolio for more information.

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

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

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

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

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

For more information, visit unsw.edu.au/ipt

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

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

*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/unesmprep17-19

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

For more information, visit unsw.edu.au/upp

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

For more information, visit nuragili.unsw.edu.au/prepprograms

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 have a conversation with faculty and Nura Gili staff about your aspirations for university studies and undertake a written and numeracy task. The scheme is suitable for students wishing to undertake an undergraduate degree in Arts, Design & Architecture (excluding Education and Social Work), Exercise Physiology, Engineering and/or Science.

For more information, visit nuragili.unsw.edu.au/ias

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

For more information, visit nuragili.unsw.edu.au/unswenablingprograms
Get the full experience

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

To see where UNSW can take you, visit experience.futurestudents.unsw.edu.au/undergraduate

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

Open doors with a double degree

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

Explore the different subjects that come together for your future career at degrees.unsw.edu.au

Make yourself at home on campus

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

Find the home that gives you the freedom and space to be yourself at accommodation.unsw.edu.au

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

Check your eligibility for different programs at scholarships.unsw.edu.au 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

Library Lawn

To see where UNSW can take you, visit experience.futurestudents.unsw.edu.au/undergraduate
## What's on at UNSW

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

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<td>Year 10 Info Evening</td>
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<tr>
<td>April</td>
<td>13, 14, &amp; 15</td>
<td>Experience UNSW</td>
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<td>May</td>
<td>6</td>
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### 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](http://unsw.to/campus-tours)
Still curious?

Contact us at the Future Students Office for degree and admission advice.

Ask a question: unsw.edu.au/ask
1300 UNI NSW (1300 864 679)
unsw.edu.au/study

@unsw
@unsw
/unsw
unswsydney

CRICOS Provider Code: 00098G | ABN: 57 195 873 179

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The information contained in this publication with regard to Assumed Knowledge pertains to HSC subjects. For students studying a different but equivalent qualification please contact the Universities Admissions Centre (UAC) for further information.

The information contained in this publication applies to Australian citizens, Australian permanent residents, Australian permanent humanitarian visa holders and New Zealand citizens only. All international students should contact UNSW Future Students on 1300 864 679 for admission procedures and degree information.