



Domestic Undergraduate
-
Student Guide
2023

The world needs U



It takes someone like you

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

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

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

UNSW is on Aboriginal land.

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



Your guide goes beyond these pages. Unlock fresh content all year by scanning the QR codes throughout this guide for new videos, events, blogs - and more!

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 16](#) 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	p18
Business	p34
Engineering	p42
Law & Justice	p54
Medicine & Health	p62
Science	p72

> 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	p06
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Discover your potential

From classrooms to social clubs, 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. When the community is faced by great challenges, we're a trusted source. From public health to climate science and disability innovation to human rights, the difference we make together improves people's lives worldwide.



Top 50
Ranked 43rd university globally
QS World University Rankings, 2022



Ready to make a difference?
Scan here to discover the world-changing community you'll be joining.



Top earners
Highest graduate median salary of Sydney-based and Go8 universities.
QILT Graduate Outcome Survey, 2021



Most employable graduates
Highest number of students in Australia's top 100 Most Employable list.
AFR Top100 Future Leaders Awards, 2022



#1 for full-time employment
Highest graduate full-time employment rate of Go8 universities.
QILT Graduate Outcome Survey, 2021



World-changing graduates
#1 in Australia and 26th worldwide for producing the most innovative, creative and entrepreneurial graduates (alumni outcomes).
QS Graduate Employability Rankings, 2022



World-leading research
More top-rating research than any other Australian university in the current Excellence in Research for Australia Report.



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

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

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

The world needs U

Make work work for you

Follow your curiosity, build your experience, and form valuable connections because once you know how to recognise and seize opportunities, you can turn your interests into world-changing impact.



Michael Crouch Innovation Centre (MCIC)

Own your employability journey

Our Roadmap to Employability: Discover, Launch, Grow will help you personalise your path to employment by developing the skills, experiences and attributes that employers are looking for.



Discover

From day one, you'll be supported by our experts to develop your flexible, lifelong employability plan.

We'll help you:

- Identify which field of work you're interested in and relevant roles
- Recognise and build on your interests and professional strengths
- Gain personalised career mentoring that offers connections, support and insights



Launch

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:

- Introductions to exciting partner organisations at industry networking events
- Placements, projects and internships that build your confidence and reputation
- Experiences and events tailored to specific sectors to provide insights and opportunities



Grow

Prepare to make an impact with employers. We'll guide you on how to transition into the workplace and grow your career through accelerated personal and professional development opportunities that:

- Develop job-ready skills and professional profile
- Build your personal brand and professional network
- Set yourself up for more meaningful and sustainable work in the future



Top career support

Voted the most popular career service in Australia by employers.

Australian Association of Graduate Employers, 2021



Employable graduates

Ranked 29th in the world and 3rd in Australia by employers seeking the best graduates (employer reputation).

QS Graduate Employability Rankings, 2022

➔ **UNSW Employability** curates meaningful career planning, mentoring, and job-seeking skill opportunities for you. Our experts will guide you to recognise and build upon your strengths, identify your opportunities and provide support that helps you find impactful work.

Visit employability.unsw.edu.au

Our network becomes your network

At UNSW Sydney you'll be connected to our graduate community of over 330,000 people in more than 140 countries. They'll support and inspire you throughout your degree and become your worldwide network after graduation.

Our graduates work for some of the biggest organisations in the world, including Google, Penguin, Ernst & Young, PayPal, the United Nations, HSBC, Microsoft, NASA and Oxfam.

Meet a few of our graduates and be inspired by the difference they're making:

Apurva Shrotriya

A career in finance at Macquarie

"Risk is inherent in any business and it's an actuaries' job to look at it in a big context."

Working as a Credit Analyst at Macquarie, Apurva gets to apply her love of maths every day to new scenarios, working with different clients to assess and evaluate their financial risks. With new industries, trends and world events constantly emerging, the emphasis on always learning excites Apurva about going to work every day.

> Find a career in Business p34



Pat Younis

Merging physical and virtual spaces can shift our perspective of reality. Pat's work as a Virtual Reality Artist at Marvel Studios explores the world through a creative lens.

> Find a career in Arts, Design & Architecture p18



Khushaal Vyas

Inspired by the work of his grandmother and aunt in rural India, Khushaal is a passionate social justice advocate and ready to leave his mark on the world as a graduate lawyer with Baker McKenzie.

> Find a career in Law & Justice p54



Joshua Karras

Through a combination of sociology, psychology and epidemiology, Joshua's found his groove at the United Nations Association of Australia helping communities stay healthy.

> Find a career in Medicine & Health p62



Thays Costa

Working as a Technical Solutions Engineer with Google Cloud, Thays uses her skills and knowledge in data science every day in an industry based on innovation and filled with opportunities.

> Find a career in Science p72



Rachel McVittie

A proud Martu woman, Rachel finds constant inspiration in her work for Transport for NSW and wants to encourage others to follow her footsteps into the world of engineering.

> Find a career in Engineering p42



Watch our graduates tell their stories and be inspired by the places where you can make a difference.

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.

Arc, student volunteers on University Mall during O-Week 2022



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 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

Discover your new favourite places

The main UNSW campus is so large it has its own postcode. Book a tour 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 in our 360° Campus tour – just use the QR code for more information.

To book a tour IRL, visit unsw.to/campus-tours

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

Do an internship or study abroad 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

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/learningabroad



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

Get a taste of the UNSW experience - join us over on TikTok at @unsw

Alumni Park



Double degrees

double your impact

Combine your interests and carve out a unique career path connected to your talents and passions. Double degrees allow you to focus on two areas of expertise, giving you more knowledge, skills and career options. And despite the name, it doesn't mean double the time or workload.

Find your niche

Choose from complementary or contrasting degrees to give you sought-after knowledge and skills. With a double degree, you'll look at topics from multiple perspectives, building a richer understanding greater than the two degrees alone. If you have two passions, have distinct career goals, or aren't sure what you want to study, you can gain a broad education where what you learn in one degree will bolster your other.

Graduate sooner

You'll complete the core courses from each degree to complete two programs sooner. At graduation you'll receive two certificates, recognising the two qualifications you've earned.

Unique perspectives

You'll gain a broad education without losing the detail. A double degree allows for in-depth cross-disciplinary learning with diverse courses to help keep you engaged. You'll get to mix up your study schedule, assignments, and exam preparation, with many double degrees also providing the opportunity to complete Work-Integrated Learning (WIL) in both fields, so you'll get a taste of multiple industries.

Your edge in the job market

Employers are looking for the unexpected – graduates that can bring unique skillsets and approach problems in new ways. With two recognised degrees, you'll have the edge over other graduates when looking for work.

Aim higher with postgraduate study

Often known as a 'vertical' double degree, these combine a bachelors and masters degree to provide advanced specialist knowledge. Offered in areas of Engineering, Medicine, Science and Optometry, these double degrees prepare you for accreditation in your chosen profession sooner.

➤ Explore the different double degree combinations on page 90 or visit unsw.edu.au/degrees



Single degrees

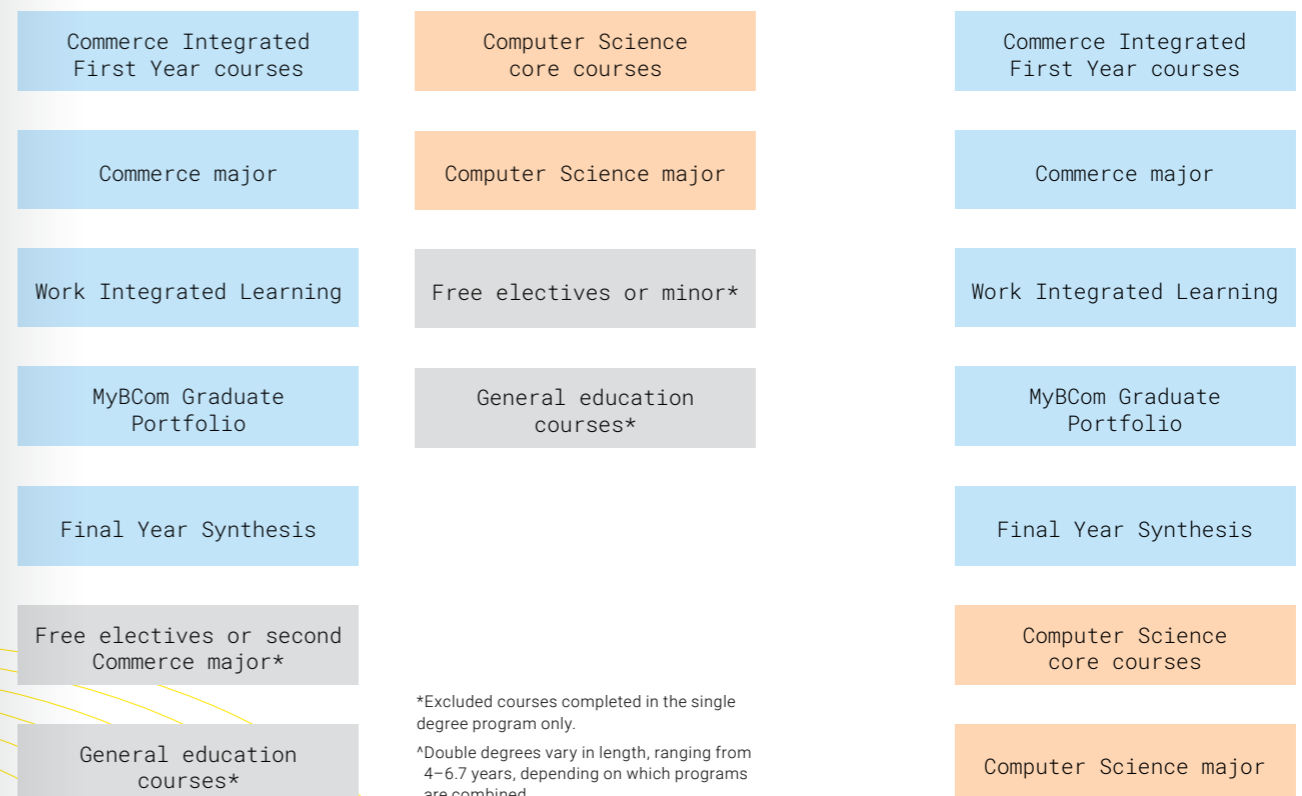
Bachelor of Commerce
(3 years)

Bachelor of Computer Science
(3 years)

=

Double degree

Bachelor of Commerce / Bachelor of Computer Science
(4 years study^ and 2 recognised qualifications)



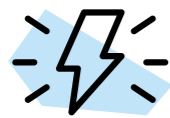
*Excluded courses completed in the single degree program only.
^Double degrees vary in length, ranging from 4-6.7 years, depending on which programs are combined.

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.

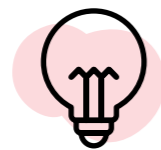
Step 1

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



Energy

Optimise how we view, produce and use energy while protecting our most precious resource, the environment.



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 Justice

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.



Public Health

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

Step 2

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

Popular UNSW degrees

	Page	Energy	Creativity	Environment	Business Progress	Social Justice	Public Health
Arts Hone your interests and dive into the social sciences, arts and humanities fields you're compelled by. Bring your passion for culture and activism.	22		●		●	●	●
Architectural Studies Design with purpose. Bring ideas together to solve challenges for individuals, communities and the environment. Build on your design and model-making skills.	30	●	●	●	●	●	●
Design Look at the issues from your unique perspective. Question the status quo and defend your ideas. Bring your sharp eye and appreciation for form.	29		●	●	●		
Commerce Don't dream about success – work for it. The value of an idea is in how you put it to use. Bring your knack for problem-solving and innovation.	38	●	●		●	●	
Engineering Take a hands-on approach to design. Build tangible solutions for the good of people and the environment. Put your maths and tech skills to excellent use.	42	●		●		●	●
Law Fight the good fight. Sharpen your thinking, debate tomorrow's big challenges and seek justice for all. Apply your love of social science, history, debate and English.	54	●		●	●	●	
Exercise Physiology Explore a holistic way of improving life for all through rehabilitation, exercise and sports science. Complement your sport skills for the good of your community.	68				●	●	●
Science Discover new possibilities. Explore different disciplines as great discoveries are made where paths merge. Upgrade your math skills with research and experimentation.	76	●		●		●	●

Arts, Design & Architecture

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



With more than 50 disciplines 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 unsw.to/ada



Specialist screen printing studio, Paddington Campus



Practical experience in the Esme Timbery Creative Practice Lab

Your uni experience

We're dedicated to helping you shape a uni experience that aligns with your values and goals. We listen and work to support you, so you'll find the freedom to design the future you want. 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.



Wood workshop, Paddington Campus

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.

*2021 QILT Graduate Outcomes Survey

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.edu.au/portfolio

Bachelor of Arts

Program code 3409

Duration 3 years (+ 1 year Honours option)

2022 lowest selection rank¹ 80.00

2022 lowest ATAR² 65.15*

Assumed knowledge None

ADA Portfolio Entry available. Visit [unsw.to/portfolio](https://www.unsw.edu.au/ada-portfolio)

Structure

Major (8 courses)
+
Major (8 courses)
+
Electives & General Education (8 courses)

OR

Major (8 courses)
+
Minor (6 courses)
+
Electives & General Education (10 courses)

Students can choose to pursue a third major or minor using the electives and general education courses.

Turn your passion into purpose as you shape your learning experience to pursue what you love. With a flexible program structure, you'll develop your worldview, while exploring what fascinates you, with subjects from creative arts and the humanities to social sciences and media. You'll defy the limit of a singular career focus with industry-crossing skills in critical thinking, problem-solving, effective communication, and research.

Career opportunities

As a UNSW Arts graduate, you'll stand out with a combination of insights, skills and real life experience gained during your study. We work closely with our industry partners to ensure our degrees provide the skills they're going to need now and in the future. Find employment anywhere in the world across a range of industries including NGOs, consultancies, public relations, media, creative arts, the Australian government and much more.

Double degree options

- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Commerce
- Computer Science
- Economics
- Education (Secondary)
- Engineering (Hons)
- Environmental Management
- Fine Arts
- Law
- Media
- Medical Studies/Doctor of Medicine
- Social Work (Honours)
- Science

Majors

Asian Studies | Discover the impact our closest neighbours have on the world and understand Australia's place within the Asian region. With an "all Asia" approach, learn from multilingual specialists who cover history, politics, social policy, health, philosophy, media and more.

Criminology | See crime through a big-picture lens. Ranked 14th in the world*, UNSW Law & Justice offers an approach beyond lectures that sees you visiting courts and prisons and hearing first-hand from the people in the justice system.

Creative Writing | Hone your writing practice by exploring fresh, experimental writing across genres in fiction, poetry, creative nonfiction and ficto-criticism. Learn from award-winning writers, join writing masterclasses and events, and create invaluable industry connections.

English | We believe English is more than simply academic – it's an opening to the world, a passport to different realities, and like dynamite to narrow-mindedness and prejudice. Delve deep into memorable stories, poetic patterns, ringing phrases, and imaginative landscapes in one of the world's top 50 English departments*.

Environmental Humanities | Want to make a change to climate change? From species extinction and GMOs to impacts of nuclear power – immerse yourself in the social, cultural and political factors shaping the natural world.

European Studies | From Britain, Russia, the Mediterranean to Northern Europe – delve into the intellectual history, politics, religion, and movement of minority people in history. European studies will prepare you for intellectual and professional engagement and success on a global scale.

Film Studies | You want to tell stories, share human experiences, document reality, and expand horizons as an experimental art form – film studies sets the foundation. This course offers a practical component to learn film-making skills from industry professionals in the studio.

Geographical Studies | As a geographer, explore how physical, social, cultural, economic and political factors shape places. Discover how we can plan for a better future by combining geographic theory with hands-on experience in the field.

Minors

You can complete a minor in the study areas listed above, as well as:

- Art History and Theory
- Australian Studies
- Gender Studies
- Indonesian Studies
- Italian Studies
- Modern Greek Studies

Optional third majors:

In addition to the listed majors and minors, you can complete an optional third major in Business, including:

- Economics
- International Business
- Marketing
- Human Resource Management
- Innovation, Strategy and Entrepreneurship

*QS World Rankings by Subject, 2022

Global Development | Explore the way things change across the social, political and economic. From urbanisation to widening disparity, environmental threats and the dominance of communication technologies – explore these issues and learn to navigate how you can create change at a local, national and global level.

History | At UNSW, we offer a particular strength in the histories of migration, gender, empires, and our region. Whether you're fascinated with ancient, early modern, or modern history – discover a uniquely global perspective taught by passionate, world-class historians.

Indigenous Studies | The Australian experience cannot be separated from its indigenous history. In this major, you'll challenge your assumptions, reflect critically, and discover how Indigenous ways of understanding the world can be applied in different contexts.

Languages | The study of language and cultures enriches your global perspective and opens you up to international opportunities. You can major in Chinese, French, German, Japanese, Korean or Spanish – whether you are just starting or are ready to build on existing skills.

Linguistics | Explore the foundations of language and the relationship between language, society, and self. Find out how your brain processes and uses language. Expand your knowledge by studying linguistic diversity in urban settings and Indigenous contexts. Prepare for a career using linguistics by learning how language policy impacts multilingual and multicultural communities in Australia and around the world.

Media, Culture and Technology | From social to mobile media, media on demand and rapidly evolving media platforms – the media landscape is vast and complex. Throughout your studies, you'll learn about the social, political and cultural dynamics of media and the impact that they have on everyday life and communication technologies. You'll also discover more about the complex relationships between local and global media, and the role of diverse audiences in media processes.

Music Studies | The study of music is for anyone who wants to perform to a crowd, record, teach, compose a score, or work professionally in the industry. Learn practical, hands-on musicianship and discover how music can be an expression of cultures, societies and yourself.

Philosophy | Students of philosophy learn to think clearly, deeply, analytically and creatively. These skills help you communicate and debate even the most complicated ideas. And they set a solid foundation for tackling some of the world's big challenges.

Politics and International Relations | From political instability to conflict, national security to great-power rivalry, climate change to human rights – facing these challenges needs an understanding of the intricacy of domestic politics and foreign affairs. You can follow a career in both public and private life to change the world.

Sociology and Anthropology | What makes life meaningful? Why do we disagree and why do we care? What constitutes social change? With cultural diversity central to the teaching, join Australia's oldest sociology department to help us untangle the realities, conflicts and challenges of modern life.

Studies in Psychology | Psychology is a science that investigates your interactions with others, learning and memory, ability to cope with pressure and understanding of the causes of psychological disorders. Learn from global leaders by applying analytic thinking and scientific method to understand yourself and others better.

Theatre and Performance | Take the stage and learn why performance matters in a media-savvy world. You'll learn from industry professionals, collaborate with artists, and gain experience with production companies, venues, and publishers.

Student-led projects in the Studio One black box theatre



Bachelor of Education (Secondary)

As the world changes and new ways of learning emerge, students need the right people to support their education. Embrace diverse ways of learning to confidently teach and inspire students and future generations.

The Bachelor of Education (Secondary) is always offered as a double degree, which means our graduates can pursue their passion for teaching and benefit from further career opportunities in complementary professions. Upon graduating, you'll have the knowledge and skills to meet the Australian graduate teacher standards, and the drive to shape the way future generations participate in their community and interpret the world around them.

Bachelor of Commerce/ Bachelor of Education (Secondary)

Program code 3462
Duration 4 years (+ Honours options)
2022 lowest selection rank¹ 93.00
2022 lowest ATAR² 88.45
Assumed knowledge
Band 5 or higher in any HSC English course or the equivalent; Mathematics Advanced

Teaching specialisations

- Business Studies
- Economics

Bachelor of Design/ Bachelor of Education (Secondary)

Program code 4067
Duration 4 years (+ Honours options)
2022 lowest selection rank¹ 80.00
2022 lowest ATAR² 70.25*
Assumed knowledge
Band 5 or higher in any HSC English course or the equivalent

Teaching specialisations

- Graphics and Multimedia Technology
- Visual Arts

Career opportunities

Teaching is a reliable and rewarding career choice with ongoing opportunities in metropolitan, rural and regional communities. As one of our graduates, you'll be widely accepted and acknowledged as an exemplary teacher in both Australia and overseas and have the opportunity to teach in government and non-government secondary schools. For those looking for a teaching career beyond the classroom, many of our graduates pursue professional opportunities, including working in community education, cultural institutions and tertiary education.

Bachelor of Arts/Bachelor of Education (Secondary)

Program code 4053
Duration 4 years (+ Honours options)
2022 lowest selection rank¹ 80.00
2022 lowest ATAR² 68.10
Assumed knowledge
Band 5 or higher in any HSC English course or the equivalent

Teaching specialisations

- Aboriginal Studies (Indigenous Studies)
- Drama
- English
- English as an Additional Language or Dialect (EAL/D)
- Geography
- Languages (Chinese, French, Japanese, Korean, Spanish)
- Legal Studies
- Modern History
- Music
- Society and Culture

Bachelor of Fine Arts/ Bachelor of Education (Secondary)

Program code 4068
Duration 4 years (+ Honours options)
2022 lowest selection rank¹ 80.00
2022 lowest ATAR² 73.60
Assumed knowledge
Band 5 or higher in any HSC English course or the equivalent

Teaching specialisations

- Graphics and Multimedia Technology
- Music
- Visual Arts

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 (80 days)
+ Double Degree

Bachelor of Science/ Bachelor of Education (Secondary)

Program code 4076
Duration 4 years (+ Honours option)
2022 lowest selection rank¹ 80.00
2022 lowest ATAR² 71.25
Assumed knowledge
Any 2 units of English (Band 5 or higher), Mathematics Advanced or Mathematics Extension 1 (depending on chosen area of study) plus one more of Biology, Chemistry, Earth and Environmental Science, Physics

Teaching specialisations

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

Bachelor of Economics/ Bachelor of Education (Secondary)

Program code 4058
Duration 4 years (+ Honours options)
2022 lowest selection rank¹ 90.00
2022 lowest ATAR² <5 offers
Assumed knowledge
Band 5 or higher in any HSC English course or the equivalent; Mathematics Advanced

Teaching specialisations

- Business Studies
- Economics

Bachelor of Social Work (Honours)

Program code 4033
Duration 4 years
2022 lowest selection rank¹ 80.00
2022 lowest ATAR² 69.00
Assumed knowledge None

Structure

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

Impact where it's needed most. Challenge yourself and make a real difference by promoting social change and enhancing the relationships and wellbeing of those around you. This degree focuses on the very real and important outcomes of social work – giving you the practical skills to make a difference, and guidance from industry professionals and current social workers.

Career opportunities

From much-needed mental health support to child protection, social justice, human rights advocacy and community development – the potential for true change and impact as a social worker is limitless. Not only will you have the opportunity to significantly change and enhance the lives of others, you'll be actively contributing to happier, healthier relationships and communities. Social workers operate in diverse areas, including hospitals, government departments, welfare agencies, corporate, community organisations, and as independent consultants.

Double degree options

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

Professional Accreditation

This program is accredited by the Australian Association of Social Workers.

Bachelor of Politics, Philosophy and Economics

Program code 3478
Duration 3 years (+ 1 year Honours option)
2022 lowest selection rank¹ 90.00
2022 lowest ATAR² 82.70
Assumed knowledge
Mathematics Advanced

Structure

Core (16 courses)
+ Prescribed Electives (6 courses)
+ Free Electives (2 courses)

Expand your world view as you explore perspectives from three distinct and highly influential academic areas and disciplines. With this knowledge, you'll be equipped to better understand how our world works and create solutions with real impact to various global challenges. With an international understanding and unique skillset, you'll be part of a select group of individuals equipped to drive important social, political and economic change.

Majors

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

Career opportunities

Upon graduating, you'll have the opportunity to create a successful career for yourself within the areas of public policy, diplomacy and economic analysis. As you prepare to embark on your career, you'll find yourself working within a range of areas, such as humanitarian groups, political parties, non-government agencies, public services and activist organisations.

Double degree options

- Law

Bachelor of Social Sciences

Program code 3325

Duration 3 years
(+ 1 year Honours option)

2022 lowest selection rank¹ 80.00

2022 lowest ATAR² 71.20*

Assumed knowledge None

ADA Portfolio
Entry available.
Visit [unsw.to/portfolio](https://www.unsw.edu.au/ada-portfolio)

Structure

Major (8 courses)
+
Core (8 courses)
+
Electives & General Education (8 courses)

Majors

Economics | To solve some of our greatest global challenges, you need a real-world understanding of what motivates people, businesses, and governments. Economics is a constantly changing field that adapts to the world around us. Study analytical tools and gain critical thinking skills that help shape societies, raise living standards, and promote economic growth.

Environmental Humanities | Want to make a change to climate change? From species extinction and GMOs to impacts of nuclear power – immerse yourself in the social, cultural and political factors shaping the natural world.

Geographical Studies | As a geographer, explore how physical, social, cultural, economic and political factors shape places. Discover how we can plan for a better future by combining geographic theory with hands-on experience in the field.

Global Development | Explore the way things change across the social, political and economic. From urbanisation to widening disparity, environmental threats and the dominance of communication technologies – explore these issues and learn to navigate how you can create change at a local, national and global level.

Indigenous Studies | The Australian experience cannot be separated from its indigenous history. In this major, you'll challenge your assumptions, reflect critically, and discover how Indigenous ways of understanding the world can be applied in different contexts.

International Business | The world has never been more connected thanks to globalisation and technology changing the way we engage and do business. You can make the most of this evolution by becoming a professional globetrotter with boardrooms at your fingertips. Make the most of your strong foundations in business, commerce, and/or economics to change how the world does business.

Shape an inclusive tomorrow that's better for all, with skills that impact policy, drive social change, and make a real difference to local and global communities. Social Scientists inform public debate and shape policies that affect society. As a future social scientist, you'll build comprehensive knowledge and analytical skills alongside practical experiences throughout this degree. Take advantage of real-world experiences like projects, study exchanges or internships in Australia and overseas.

Career opportunities

This degree will set you up with the professional, analytical and personal skills you'll need to thrive throughout your career. Take your learnings and turn them into something that celebrates your larger purpose each day. Potential careers include research officer, policy analyst, political adviser, research consultant, international business consultant, journalist and more.

Double degree options

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

International Studies | Movements of people, environmental crises, and the development of new ideas are shaping our world and challenging international organisations like never before. You'll analyse what's happening in the world and think creatively about how to solve major challenges – from examining the way governments struggle with global economic changes, to the flow of refugees, human rights, security and environmental crises.

Marketing | From design, branding, advertising, and communication to digital marketing and analytics – marketing is a future focused area of study, with strategic thinking and innovation at its core. Learn to use data and communication tools to help businesses stand out, understand customer behaviour, enhance experiences and meet customer needs.

Media, Culture & Technology | From social to mobile media, media on demand and rapidly evolving media platforms – the media landscape is vast and complex. Throughout your studies, you'll learn about the social, political and cultural dynamics of media and the impact that they have on everyday life and communication technologies. You'll also discover more about the complex relationships between local and global media, and the role of diverse audiences in media processes.

Politics & International Relations | Lead differently and make an impact with a specialisation that focuses on the complexities of government and global politics. Discover how to think critically about current challenges facing our world while you unpack complex international issues and create your own impactful solutions.

Sociology & Anthropology | What makes life meaningful? Why do we disagree and why do we care? What constitutes social change? With cultural diversity central to the teaching, join Australia's oldest sociology department to help us untangle the realities, conflicts and challenges of modern life.

Human Resource Management | Providing the foundation for any organisation's ongoing success – human resource management tackles a range of effective and responsible workforce issues. From employee and performance management to employment relations, organisational change, health and safety, and beyond – these skills will set you up for success in a diverse and rewarding career.

Innovation, Strategy & Entrepreneurship | Innovation drives productivity, competitive advantage, differentiation, growth, profitability and sustainability. This specialisation has been crafted to help you understand and meet these challenges with strong leadership skills that will help shape the future of organisations across the globe. Learn how to lead with confidence, discover new opportunities, turn insights into action, and implement design strategies for business models that create, capture and deliver value.

Bachelor of Media

Program code 3341

Duration 3 years
(+ 1 year Honours option)

2022 lowest selection rank¹ 80.00

2022 lowest ATAR² 71.90*

Assumed knowledge None

ADA Portfolio
Entry available.
Visit [unsw.to/portfolio](https://www.unsw.edu.au/ada-portfolio)

Structure

Foundation (4 courses)
+
Specialisation (8 courses)
+
Expansion (4 courses)
+
Free electives & General Education (8 courses)

Students have the option to pursue a minor using the elective and general education courses.

Specialisations

Communication & Journalism | Recognised as the Australian university with the strongest journalism industry links, we'll provide you with the opportunity to dive into work experience and forge professional connections. You'll use advanced multimedia facilities and join a diverse community of thinkers and creators to gain in-depth understanding of the past and present media landscape.

Public Relations & Advertising | Gain deep knowledge of current and emerging PR and advertising practices, and how these have risen to prominence to shape our lives. Mixing industry experience with practical skills in public relations and advertising, and media and communication theory, this specialisation will set you up for a dynamic career.

Media is the glue of a modern society. It now shapes every aspect of life today. This degree unlocks the specialist expertise, self-knowledge, creative thinking and creative problem-solving skills to make an impact as a professional beyond your first job.

Tailor your degree to suit your interests and specialise in public relations and advertising, communications and journalism, screen production, cinema studies, or media studies. Here, you'll develop practical job skills as well as conceptual, strategic, creative and critical capabilities to help you make your impact in the exciting and fast-changing media industries.

Screen Production | Develop a range of audio, visual, and digital production skills that will equip you with the tools and knowledge to remain at the leading edge of local and international media industries. Conceptual knowledge and professional skills are explored through hands-on learning with the latest technology, professional experience and a diverse team of academics and award-winning industry heavyweights to guide you along the way.

Cinema Studies | Understand how and why moving image culture continues to shape global media industries. As you study film and related media forms, you'll be given an international perspective on the place and history of film in the global media and Australian cinema landscapes. Hone your critical voice while developing skills in close and careful film analysis and deepen your understanding of the intersections between popular entertainment, politics and aesthetics.

Career opportunities

This degree will set you up with the professional, practical, and theoretical skills you'll need to thrive throughout your career within the media.

A range of potential careers lie ahead including those within communications and engagement (such as public relations, communications, journalism, corporate affairs, advertising and creative services) and production and design (such as video or sound producing, screenwriting, animation, filmmaking, game design and interactive media).

Double degree options

- Arts
- Commerce
- Design
- Fine Arts
- Law
- Social Sciences

Media Studies | Gain the critical skills and knowledge you need to understand, analyse, and respond to the pivotal role of media in contemporary life. After building a firm foundation in media studies debates, methods, and history, you'll be able to choose from a suite of electives to sharpen your focus on questions relating to justice, race, ethics, or emerging technologies. You'll develop critical thinking and writing skills to make persuasive arguments, engage with challenging issues, and solve problems.



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 Fine Arts

Program code 4830
Duration 3 years
 (+ 1 year Honours option)
2022 lowest selection rank¹ 80.00
2022 lowest ATAR² 68.85*
Campus Paddington
 ADA Portfolio
 Entry available.
 Visit [unsw.to/portfolio](https://unsw.edu.au/ada/portfolio)

Ignite your creativity and develop your artistic practice to give voice to the things that matter. With distinct and focused specialisations in animation and moving image, art theory, music, and visual arts - you can focus deeply on the creative field that matters to you.

Learn from experts who will build your technical skills and knowledge in practical and theoretical classes, as your career is developed through the strong industry connections in each specialisation.

Career opportunities

This degree will set you up with the professional and creative skills you'll need to thrive throughout your career. Take your learnings and turn them into something that celebrates your passion and purpose each day.

Double degree options

- Advanced Science (Hons)
- Arts
- Commerce
- Education (Secondary)
- Engineering (Hons)
- Computer Science
- Law
- Media
- Science

Structure

Specialisation (16 courses)
 +
 Electives & General Education (8 courses)

Students have the option to pursue a minor using the elective and general education courses.

Specialisations

Animation and Moving Image | This groundbreaking specialisation is purposefully designed to meet industry demand for content developers and creative practitioners. You'll graduate with work experience and intensive skills training in the latest technologies – important assets for the creative media industry.

Potential careers in animation and moving image include animator, visual effects artist, digital publisher, film producer, cinematographer and more.

Art Theory | Develop a deep understanding of the power of art to shape, influence, and reflect society. You'll dive into concepts and ideas, exploring histories and theories behind contemporary art and culture – in Australia and overseas. Learn alongside artists, designers, curators, and writers as they critically engage with significant and relevant debates.

Potential careers in art theory include art critic, creative director, communications officer, cultural consultant, exhibit planner and more.

Visual Arts | Immerse yourself in a creative, inclusive and collaborative community. From rehearsal spaces to studios, theatres, galleries and beyond – you'll gain specialised skills via practical projects and studio experience. As you learn to critically analyse current and developing technologies, you'll be ready to adapt to any future industry changes that might come your way.

Potential careers in visual arts include artistic director, photographer, illustrator, performer, sculptor and more.

Music | Our intellectually and artistically comprehensive classes will prepare you for a long career in music, and a lifetime of music making. You'll develop your interests across a diverse range of musical genres under guidance from world-class performers and scholars. After your first year, you'll continue developing your skills with a focus on creative practice, music pedagogy or sonic arts. Potential careers in music include audio engineer, composer, performer, songwriter, talent manager and more.

Please note that you'll need to audition to be accepted into this specialisation. For more information, visit UNSW Music auditions.



Learning advanced manufacturing techniques at the Design Futures Lab

Bachelor of Design

Program code 4825
Duration 3 years
 (+ 1 year Honours option)
2022 lowest selection rank¹ 80.00
2022 lowest ATAR² 65.80*
Assumed knowledge
 None
Campus Paddington
 ADA Portfolio
 Entry available.
 Visit [unsw.to/portfolio](https://unsw.edu.au/ada/portfolio)

Make your mark transforming creative thinking into design action. Find out how historical, social, and cultural values apply to design no matter which specialisation you choose. You'll learn to challenge conventional methods and find new solutions to old problems, and gain practical skills combined with creativity and independent thinking to unlock a lifelong career with genuine impact.

Career opportunities

Take your learnings and turn them into something that celebrates your passion and purpose each day. Potential careers include graphic designer, visual communicator or illustrator, exhibition, experience and event designer, jewellery or textile designer, film, television and mobile producer, UX designer and much more.

Double degree options

- Commerce
- Education (Secondary)
- Media

Specialisations

Integrated Design | Develop your design knowledge and skills as you specialise in multiple design disciplines. You'll engage in historical and theoretical studies that will complement your professional practice skills and explore the fundamental process of design. To prepare for jobs that might not even exist yet, you'll engage in real-world projects and industry opportunities, and have the chance to undertake a local or international internship to help expand your professional networks and capabilities.

Industrial Design | Impact and influence the way we live by designing the products, systems and services we use daily. Gain the experience and confidence to turn your innovative thinking into strategic solutions that are functional, emotionally engaging and fulfill a genuine demand or societal need. In our practical studio classes and theoretical courses in manufacturing, materials, sustainability, user empathy, and design research methods, you'll learn how to enhance human and environmental wellbeing as you generate insightful and life-centred product ideas.

Computational Design | Gain unique and in-demand skills across architecture, design, computer science and engineering. You'll learn to think critically and creatively as you bring your design solutions to life in our studio-based classes. This specialisation will allow you to explore diverse aspects of computational design through problem-solving, theory, and practice. Learn to tackle challenges through design thinking and apply cutting-edge technologies to all that you do.

Structure

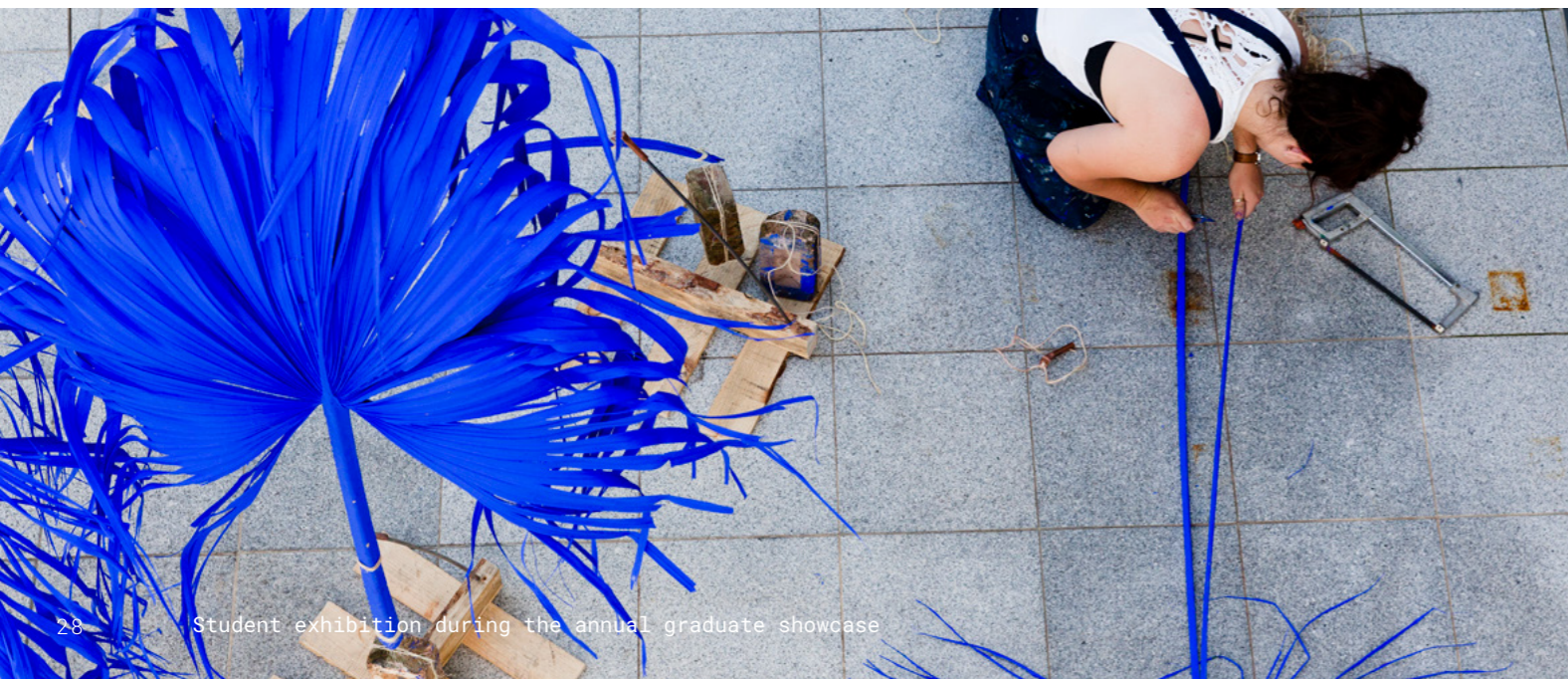
Core (3 courses)
 +
 Specialisation (13 courses)
 +
 Free electives and General Education (8 courses)

Students have the option to pursue a minor using the elective and general education courses.



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

–
 Forough Najarbehbahani,
 Bachelor of Design



Student exhibition during the annual graduate showcase

Bachelor of Architectural Studies

Program code 3261

Duration 3 years
(+ 1 year Honours option)

2022 lowest selection rank 90.00

2022 lowest ATAR 80.20

Assumed knowledge None
ADA Portfolio
Entry available.
Visit unsw.edu.au/ada-portfolio

Structure

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

Design meaningful connections as you explore and redefine what place means to people and their communities. You'll learn to design buildings and their various surrounds to meet the needs of the people who use them. Taking sustainability, culture and the economy into consideration – you'll participate in design studio sessions and lectures that cover a range of engaging topics and academic subjects.

Career opportunities

Create with design and craft the tomorrow you want. This is your chance to shape the culture of a place, its people, and their futures – and see your vision come to life beyond a blueprint. This degree will set you up with the practical and theoretical skills you'll need to thrive throughout your architectural career.

When combined with the UNSW Master of Architecture, this degree will give you a qualification to practice as an architect, and a strong head start in contemporary and multidisciplinary design practice.

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 recognition

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

Bachelor of Interior Architecture (Honours)

Program code 3256

Duration 4 years

2022 lowest selection rank 80.00

2022 lowest ATAR 70.50

Assumed knowledge None
ADA Portfolio
Entry available.
Visit unsw.edu.au/ada-portfolio

Structure

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

We're redefining the architecture of the inside. You'll learn how to improve the interior environments in which we live, work, and play. Through a combination of creative thinking and making, you'll study and work within a design community that collectively reimagines and reshapes the interior environments within our homes, workspaces and cities.

Importantly, you won't just graduate with an honours level outcome, you'll have the opportunity for further progression into the Master of Architecture.

Career opportunities

Graduate with the confidence, connections and career-ready skills to turn your creativity and critical thinking skills into real-world solutions as you build a career that enhances the everyday experiences of your community and beyond. Potential professions include designer (in architecture and design practices), private consultant (specialising in residential, retail, workplace or hospitality) or corporate interior designer (specialising in multistorey residential, retail, hospitality, medical, hotel or exhibition design).

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 recognition

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

Bachelor of Landscape Architecture (Honours)

Program code 3381

Duration 4 years

2022 lowest selection rank 80.00

2022 lowest ATAR 71.15

Assumed knowledge None
ADA Portfolio
Entry available.
Visit unsw.edu.au/ada-portfolio

Structure

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

Learn in a living laboratory and design high-performing landscapes that benefit people and the planet. As a landscape architect, you'll use the best of art and science to plan, design and manage environments that regenerate ecological systems and celebrate cultural values. In designing the open spaces of tomorrow, you'll incorporate considerations of urbanisation, sustainability and climate change in your work – ensuring each project leaves the world looking and feeling that little bit better than before.

Career opportunities

As more cities and communities work to create sustainable and beautiful environments in urban and rural settings, this is your opportunity to create real and lasting positive impact.

You'll graduate with the practical skills and confidence to pursue your chosen career. This may take the form of landscape architect, urban designer, project manager, artist, parks and recreation manager, or design and policy strategist.

Study areas

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

Professional accreditation

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



Bachelor of City Planning (Honours)

Program code 3362

Duration 4 years (includes practice year)

2022 lowest selection rank¹ 80.00

2022 lowest ATAR² 74.00

Assumed knowledge None

Structure

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

Get to the heart of what makes great places thrive while gaining the skills and accreditation for a career in urban planning. Learn how to thrive at the intersection of development, land use, environment and urban design while you gain the knowledge and skills to turn your creativity and critical thinking into real-world solutions. From protecting our natural and heritage-built environments to working with communities and stakeholders in fostering fair, equitable and inclusive neighbourhoods – the opportunity to create positive outcomes is at the heart of what you'll do.

Career opportunities

This degree will set you up with the professional, practical and research skills you'll need to thrive as a successful city planner. Graduate with the confidence and career-ready skills to turn creativity and critical thinking into real-world solutions as you build a career that addresses the local and global challenges facing our natural and built environments.

Study areas

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

Professional accreditation

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

Double degree options

- Law

Bachelor of Construction Management and Property

Program code 3332

Duration 3 years (+ 1 year Honours option)

2022 lowest selection rank¹ 80.00

2022 lowest ATAR² 69.00

Assumed knowledge None
ADA Portfolio
Entry available.
Visit unsw.to/portfolio

Structure

Core (20 courses)
+
Interdisciplinary Learning (2 courses, with students from other disciplines)
+
General Education (2 courses)

Bring sustainable places to life and build your legacy through specialised knowledge and a deep understanding of how people, processes and products work together. Equipping you with the skills and connections to turn your passions into a tangible and meaningful career, this degree is one of Australia's most respected in its field.

Career opportunities

Complex construction projects need leaders who can meet the demands of a constantly evolving industry. During your study, you'll develop the required skills and knowledge for the management of property development, construction sites, projects, and quantity surveying. This includes a strong emphasis on construction and property economics and management skills, including cost, time, human resources, organisational behaviour, risk management and information technology.

Study areas

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

Professional accreditation

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



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

–
Hamza Arshi
Bachelor of Construction Management and Property



UNSW Business School



Drive purposeful change to shape a better future. Build adaptive thinking to thrive in this fast-changing world with a career-focused education that will set you up for professional success.



Gain expertise with programs that are intellectually stimulating and challenging while also allowing you to gain professional experience and skills. With internships and global business, consultancy and social entrepreneurship projects built into your degree, you'll graduate as one of Australia's most employable graduates.



Join an active, diverse and welcoming cohort that will become part of your social and professional network. Immerse yourself in UNSW's unique, vibrant student life, with faculty and campus-wide events and activities throughout the year.



Learn from experts at the top of their field to launch your career with ideas that push boundaries. We are ranked #1 in Australia for Actuarial Studies and Information Systems research and in the Top 20 globally for Accounting and Finance.*

*QS Rankings by Subject, 2022, Association for Information Systems Research Rankings 2020, University of Nebraska at Lincoln Global Research Rankings of Actuarial Science and Risk Management & Insurance, 2019.

Traditional ideas aren't going to change society or reshape the economy. To create real, positive impact we will need to embrace new technologies, creativity and empathy. Our innovative approach to business education who are reshaping the global business environment one idea at a time.

> For more information, visit unsw.to/business



Join the club

Life at UNSW Business School is about more than lectures and tutorials. Our business clubs and societies connect you with people who share your interests and passions. By joining a club or society you'll get to make friends, attend regular industry nights, business workshops, networking opportunities and social 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.

Career Accelerator opportunities include:

Internships

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

Professional Networking

Get personalised advice from experienced industry professionals as part of our ten-week, structured Career Mentoring Program with industry leaders.

Hear challenges, trends and opportunities at our Business Insights events where leading professionals share thought leadership with our students.

Grow your peer network with leading career development workshops, career showcases, and by joining a Community Wednesday event.

Global Opportunities

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

> For more information, visit
unsw.to/ca

Bachelor of Commerce

Program code 3502

Duration 3 years
(+ 1 year Honours option)

2022 lowest selection rank¹ 93.00

2022 lowest ATAR² 81.00*

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
+
Guaranteed 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 our unique integrated first year combining knowledge and professional skills, guaranteed industry learning opportunities and the award-winning 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 the private sector, local and international, government and not-for-profit organisations. For example, work as an: Accountant, Auditor, Commercial Manager, Consultant, Customer Experience Specialist, Cyber Security Analyst, Data Analyst, Digital Innovation Specialist, Economist, Financial Advisor, Human Resource Consultant, ICT Business/Systems Analyst, International Business Development Manager, Investment Banker, Insights and Reporting Manager, Marketing/Brand Manager, Property Business Analyst, Recruitment Officer, Strategist, Tax Advisor, Venture Capitalist.

Professional accreditation

You'll be eligible for membership to various professional organisations depending on the major(s) that you complete.

Double degree options

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



The courses were structured to reflect the real-life applications of what we were studying. We were applying coding through real banking problems to understand how the industry worked and what they looked out for, which was really helpful when I was applying for jobs later on.

–
Apurva Shrotriya,
Bachelor of Actuarial Studies/Economics

Bachelor of Actuarial Studies

Program code 3586

Duration 3 years
(+ 1 year Honours option)

2022 lowest selection rank¹ 98.00

2022 lowest ATAR² 93.20

Assumed knowledge
Mathematics Extension 1

Structure

Actuarial Studies Core Courses
+ Elective Courses or
Optional Major
+ General Education

Career opportunities

With a Bachelor of Actuarial Studies, you'll develop a specialist skill set in actuarial models, financial maths, probability, Artificial Intelligence, analytics, and business. Our graduates are in high demand across industries, you'll be sought after for roles in financial services, insurance and superannuation as an Actuarial Analyst, Business Consultant, Credit Analyst, Data Analyst, Forecasting Analyst, Investment Banker, Insurance Analyst, Risk Assessment Officer, Statistical Research Analyst, Superannuation Advisor and Wealth Management Analyst.

Majors

- Actuarial Studies
 - Actuarial Risk Management and Analytics
 - Quantitative Data Science
 - Or select an accounting, business analytics, finance or information systems major from the Bachelor of Commerce
- Students wishing to study a Bachelor of Commerce major other than those listed above may be required to complete additional units of credit to complete program requirements.*

Actuaries apply analytical techniques to evaluate risks and opportunities, and use data analytics and insights to help businesses, governments, not for profit organisations and individuals make critical decisions. This degree challenges those who excel in mathematics to extricate patterns and trends in what can seem like a mass of data, providing you with a solid foundation to enter the actuarial profession.

Double degree options

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

Professional accreditation

Upon meeting the academic standard towards accreditation with the Actuaries Institute (Australia). Professional accreditation through the Actuaries Institute provides mutual recognition at major international actuarial bodies such as the Institute and Faculty of Actuaries (UK) and the Society of Actuaries (US).

²The Lowest ATAR to which an offer was made for this program is based on a UNSW Gateway Early Conditional Offer.

Business School Majors

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

Behavioural Economics | Behavioural economics is essential to understand, model and predict choices in complex settings. Behavioural economics incorporates psychology into the analysis of decision making behind economic outcomes. Learn how to gain insights into individual choices, such as what influences a consumer to purchase one product instead of another, or more broadly in business and policy scenarios.

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

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

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

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

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

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

Innovation, Strategy & Entrepreneurship | Innovation impacts and transforms business and society. It drives productivity, competitive advantage, differentiation, growth, profitability and sustainability. This major will equip you with strategy, management and design thinking skills highly valued by start-ups and corporate organisations. You'll be provided with the perfect launchpad for your own entrepreneurial endeavours.

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

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

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

Bachelor of Commerce (International)

Program code 3558

Duration 4 years

2022 lowest selection rank¹ 96.00

2022 lowest ATAR² 84.05*

Assumed knowledge
Mathematics Advanced

Structure

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

The Bachelor of Commerce (International) will provide you with cross-cultural perspectives and the business acumen for a career in the global economy. Building on a solid foundation in business, you'll complete a Work Integrated Learning placement as well as complete a one-year overseas exchange. Your exchange will be supported by a \$5000 scholarship for a full immersion in the business practices of a foreign economy, providing a once in a lifetime opportunity to open your eyes to new cultures and experiences. You can also study a new language and be mentored by UNSW Business School's most accomplished graduates, our Alumni Leaders.

Career opportunities

This degree provides a solid foundation in business and prepares you for the challenges of working in global business settings. You could work in organisations with regional and global operations,

as well as government and nongovernment agencies operating internationally in fields such as consulting, foreign affairs, media, finance, accounting and information systems.

Majors

Business discipline streams:
Refer to Bachelor of Commerce

International Studies discipline streams:

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

Professional accreditation

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

Bachelor of Economics

Program code 3543

Duration 3 years
(+ 1 year Honours option)

2022 lowest selection rank¹ 90.00

2022 lowest ATAR² 78.35*

Assumed knowledge
Mathematics Advanced

Structure

Economics Core Courses
+
Introductory Business Courses
+
Economics major or Economics electives
+
Optional second major, minors or free electives
+
General Education

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 commerce, arts, law, or science.

Majors

In this degree you select at least one economics major:

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

You can study an optional second major from the Business School majors on page 40, or continue to study a combination of electives

Double degree options

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

Professional accreditation

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

Bachelor of Information Systems

Program code 3979

Duration 3 years

2022 lowest selection rank¹ 88.00

2022 lowest ATAR² 76.85*

Assumed knowledge
Mathematics Advanced

Structure

Introductory Business Courses
+
Info Sys Core and Elective Courses
+
Guaranteed Work Integrated Learning (WIL - Professional Development)
+
Final Year Capstone Course
+
Elective Courses
+
General Education

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 Security Developer, IS Development Specialist, IS/IT Architect, IS/IT Consultant, IT Infrastructure Developer, Network Developer, Network and Systems Analyst, Management Consultant, Technical Manager and User Experience Designer.

Elective streams

- Information Systems in Data Analytics
- Information Systems in Programming
- Information Systems in Organisations

Double degree options

- Commerce
- Actuarial Studies

Bachelor of Information Systems Admissions Scheme (BISAS)

The Bachelor of Information Systems Admissions Scheme (BISAS) at UNSW offers an alternative pathway for domestic students into the Bachelor of Information Systems program. Find out more at unsw.to/portfolio

Professional accreditation

This degree is accredited by the Australian Computer Society (ACS) for provisional membership at the Professional Level.

Co-op degrees

A Co-op degree is a scholarship program that combines a single degree with three industry placements, so you can apply what you learn during your degree.

A Co-op scholarship provides financial support to the value of \$19,600 (tax-free) per annum to fund your studies. Gain 15 - 18 months of relevant industry insights, career networks and benefit from professional leadership and development in 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)

These Co-op degrees have stand-alone UAC codes, which you'll need to list in your preferences. If you want to study at UNSW Business School, even if you're unsuccessful in gaining a Co-op scholarship, you'll also need to list the standard UNSW degree UAC code in your preference list.

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, see page 101 or visit co-op.unsw.edu.au

Engineering

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



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

*QS Rankings by Subject 2022



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

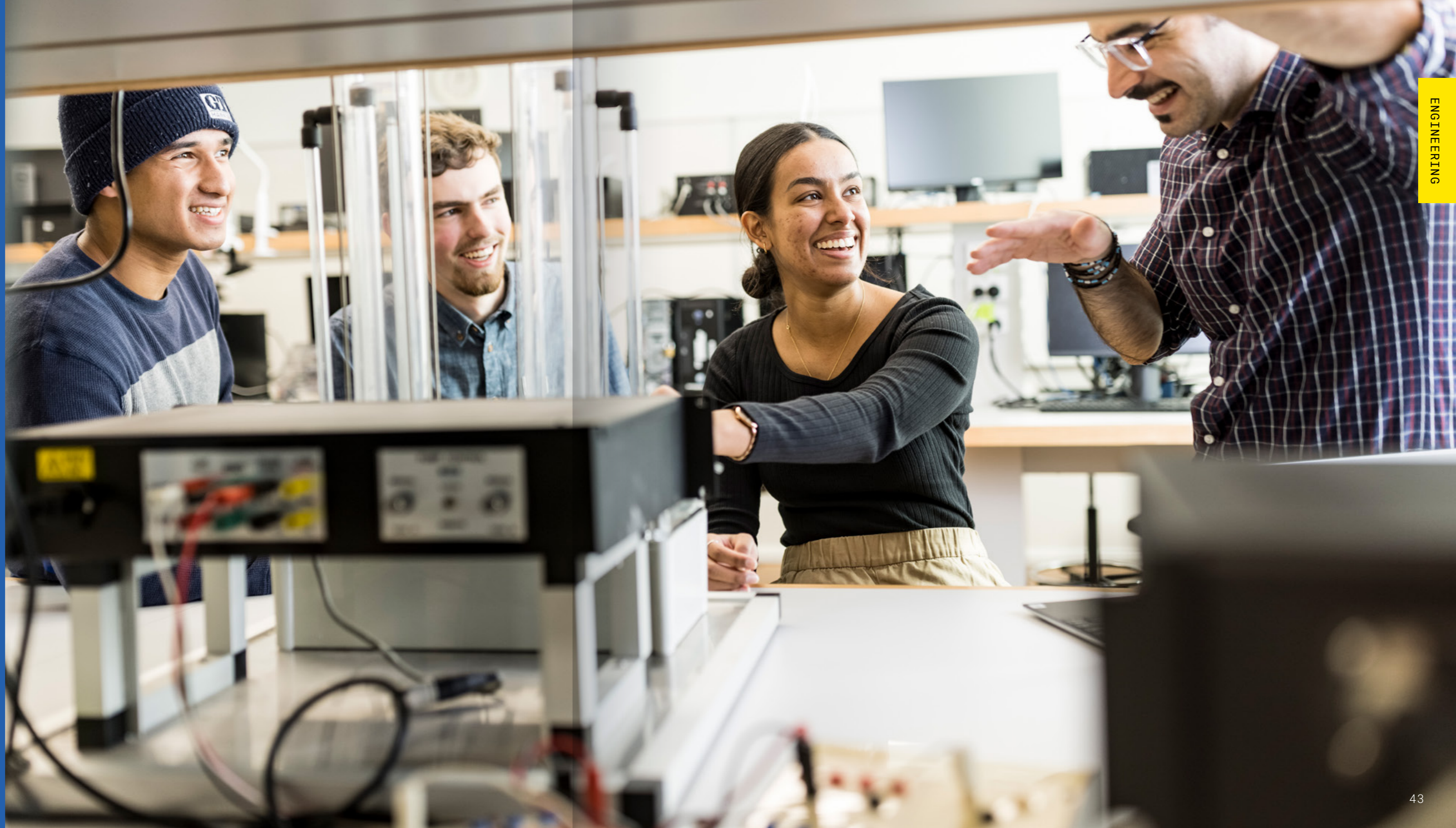


Enrich your studies through our diverse and inclusive student community. Our clubs and societies bring students together for professional development programs and networking opportunities.



For more information, visit unsw.to/engineering

Collaborative student-led project in electrical engineering lab



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.

*Flexible First Year is not available in the Bachelor of Engineering (Honours) double degree programs.

Real-world engineering

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

Meeting global challenges

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

The Challeng Program

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

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

Industrial Training

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

For more information, visit unsw.to/industrial-training

Student societies

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

Women in Engineering

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

For more information, visit unsw.to/wie

Humanitarian Engineering

Study Engineering to make an impact. Work on engineering solutions that improve the lives and livelihoods of disadvantaged communities. Get experience in humanitarian engineering during your degree by completing an optional minor in 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

Hands-on computer science experience with robotics



ENGINEERING

Practical learning in biomedical engineering lab



UNSW Portfolio Entry | Faculty of Engineering Admissions 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/portfolio

Bachelor of Science (Computer Science)

Program code 3778

Duration 3 years
(+ 1 year Honours option)

2022 lowest selection rank¹
90.00

2022 lowest ATAR² 81.00

Assumed knowledge Mathematics Extension 1

Structure

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

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

Study areas

The available majors are:

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

Career opportunities

You can work in software engineering and development, digital security, database development, game development and systems analysis across many different industries such as finance, consulting, government and healthcare.

Double degree options

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

This degree is accredited by the Australian Computer Society.

Bachelor of Engineering (Honours)

Program code 3707

Duration 4 years

2022 lowest selection rank¹
90.00

2022 lowest ATAR² 81.00*
(flexible first year stream)

Assumed knowledge

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

Structure

28 Courses in your chosen discipline
+
2 Electives
+
2 General Education Electives
+
60 days Industrial Training
+
Possible Minor in Humanitarian Engineering

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

Flexible First Year stream

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

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

*The Flexible First Year stream is not available in Bachelor of Engineering (Honours) double degree programs.

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 at Vivid Sydney. It was amazing to see how the theory we learned could be applied to build something tangible!

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

Aerospace Engineering (Honours)

2022 lowest ATAR² 81.40

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

Study areas

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

Career opportunities

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

Double degree options

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

Chemical Engineering (Honours)

2022 lowest ATAR² 82.15*

Assumed knowledge

Mathematics Extension 1, Physics and Chemistry

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

Study areas

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

Career opportunities

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

Double degree options

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

This degree is accredited by the Institute of Chemical Engineers.

Bioinformatics Engineering (Honours)

2022 lowest ATAR² 82.55

Assumed knowledge

Mathematics Extension 1 and Chemistry

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

Study areas

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

Career opportunities

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

Double degree options

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

This degree is accredited by the Australian Computer Society.

Chemical Product Engineering (Honours)

2022 lowest ATAR² 82.15*

Assumed knowledge

Mathematics Extension 1, Physics and Chemistry

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

Study areas

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

Career opportunities

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

Double degree options

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

Civil Engineering (Honours)

2022 lowest ATAR² 82.40

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

Study areas

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

Career opportunities

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

Double degree options

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



World-leading civil engineering with 3D concrete printer

Computer Engineering (Honours)

2022 lowest ATAR² 81.75*

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

Study areas

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

Career opportunities

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

Double degree options

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

This degree is accredited by the Australian Computer Society.

Electrical Engineering (Honours)

2022 lowest ATAR² 84.05*

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
- Fine Arts
- Law
- Master of Biomedical Engineering
- Master of Engineering in Electrical Engineering
- Science

Environmental Engineering (Honours)

2022 lowest ATAR² 87.90

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

Study areas

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

Career opportunities

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

Double degree options

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

Mechanical Engineering (Honours)

2022 lowest ATAR² 81.40

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

Study areas

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

Career opportunities

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

Double degree options

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

Mechanical and Manufacturing Engineering (Honours)

2022 lowest ATAR² 81.40

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

Study areas

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

Career opportunities

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

Double degree options

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

Mechatronic Engineering (Honours)

2022 lowest ATAR² 81.30

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

Study areas

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

Career opportunities

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

Double degree options

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

Mining Engineering (Honours)

2022 lowest ATAR² 88.95

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

Study areas

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

Career opportunities

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

Double degree options

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

Photovoltaics and Solar Energy (Honours)

2022 lowest ATAR² 85.10

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

Study areas

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

Career opportunities

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

Double degree options

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

Petroleum Engineering (Honours)

2022 lowest ATAR² <5 offers

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

Study areas

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

Career opportunities

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

Double degree options

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

Quantum Engineering (Honours)

2022 lowest ATAR² 84.05*

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

Study areas

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

Renewable Energy Engineering (Honours)

2022 lowest ATAR² 85.10

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

Study areas

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

Career opportunities

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

Double degree options

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

Career opportunities

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

Double degree options

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

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

This degree is provisionally accredited by Engineers Australia.

Surveying (Honours)

2022 lowest ATAR² <5 offers

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

Study areas

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

Career opportunities

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

Double degree options

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

Software Engineering (Honours)

2022 lowest ATAR² 81.25

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
- Fine Arts
- Law
- Master of Biomedical Engineering
- Science

This degree is accredited by the Australian Computer Society.

Telecommunications (Honours)

2022 lowest ATAR² 84.05*

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
- Fine Arts
- Law
- Master of Biomedical Engineering
- Science

Bachelor of Civil Engineering with Architecture (Honours)

Program code 3635

Duration 4 years

2022 lowest selection rank¹ 94.00

2022 lowest ATAR² 82.85

Assumed knowledge Mathematics Extension 1 and Physics

Structure

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

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

Study areas

- Architecture
- Civil Engineering

Career opportunities

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

This degree is accredited by Engineers Australia.





Bachelor of Food Science (Honours)

Program code 3061

Duration 4 years

2022 lowest selection rank¹
85.00

2022 lowest ATAR² 85.55

Assumed knowledge
Chemistry and Mathematics
(2 Unit)

Structure

30 Food Science courses in your chosen major
+
2 General Education Electives
+
Possible Minor in Humanitarian Science and Technology

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 US Institute of Food Technologists.

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

Program code 3736

Duration 5 years

2022 lowest selection rank¹
94.00

2022 lowest ATAR² 83.70

Assumed knowledge
Mathematics Extension 1 and
Physics

Structure

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

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

Study areas

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

Broadening Disciplines and Minors available

- Accounting
- Business Economics
- Computing
- Finance
- Human Resource Management
- International Business
- Internet of Things
- Management
- Marketing
- Photovoltaics

Career opportunities

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

This degree is accredited by Engineers Australia.

Bachelor of Engineering (Honours)/ Master of Biomedical Engineering

Program code 3768

Duration 5 years

2022 lowest selection rank¹
90.00

2022 lowest ATAR² 82.85

Assumed knowledge

Mathematics Extension 1, Physics.
For Bioinformatics: Chemistry, Mathematics Extension 1.
For Chemical Engineering: Chemistry, Mathematics Extension 1, Physics.
For Software: Mathematics Extension 1.

Structure

28 Bachelor of Engineering (Hons) courses in your chosen major
+
12 Master of Biomedical Engineering courses
+ 60 days of Industrial Training

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
- Computer Engineering
- Electrical Engineering
- Mechanical Engineering

- Mechatronic Engineering
- Software Engineering
- Telecommunications

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 (all specialisations) and by the Australian Computer Society (Computer Engineering & Software Engineering).

Undergraduate Certificates

With our undergraduate certificates you can dip your toes into engineering courses before committing to an entire degree. In these programs you'll gain an introduction to your degree of choice by developing your knowledge in four introductory courses over two terms. Undergraduate certificates are also a great option if your ATAR is not what you were expecting, you can still make your way into your desired undergraduate degree at UNSW Engineering. Once completed, you can transfer into the relevant bachelor's degree if you meet the required average mark.

Undergraduate Certificate in Engineering

Program code 7021

Duration 0.7 years

2022 lowest selection rank¹
85.00

2022 lowest ATAR² <5 offers

Assumed knowledge

Mathematics Extension 1 and
Physics

Structure

Introduction to Engineering Design and Innovation
+
Introductory Mathematics
+
Introductory Programming/Computing
+
Engineering Elective of your choice

Develop practical skills and improve your mathematical understanding by completing a selection of four courses, focusing on engineering design, computing, maths, and an elective in a chosen area of Engineering. These courses introduce some of the fundamental elements of Engineering practice and prepare you to apply that knowledge and skills to basic engineering problems.

Upon completing the certificate, you can transfer your completed courses to the Bachelor of Engineering (Honours), subject to meeting the articulation requirements.

Undergraduate Certificate in Computer Science

Program code 7022

Duration 0.7 years

2022 lowest selection rank¹
85.00

2022 lowest ATAR² <5 offers

Assumed knowledge

Mathematics Extension 1

Build a solid foundation in Computer Science concepts by learning about the fundamentals of programming and computer systems. Gain an understanding of some of the mathematical underpinnings of Computer Science, ready to apply that understanding to write software and solve problems.

Upon completing the certificate, you can transfer your completed courses to the Bachelor of Science (Computer Science), subject to meeting the articulation requirements.

Structure

Programming Fundamentals
+
Computer System Fundamentals
+
Data Structures and Algorithms
+
Fundamentals of Mathematics

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



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



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



Embody our ethos of justice for all and gain insight into the criminal justice system through real world experience.

> For more information, visit unsw.to/law-justice



Law & Justice

Join a top global Law Faculty

Ranked 14th worldwide and 1st in Sydney*. UNSW Law & Justice has been Australia's leader in progressive and rigorous legal education and research for 50 years. We also have the highest-ranked group of researchers in Criminology in NSW** which is rated as above world standard.

*QS World University Rankings by Subject 2022

**Excellence in Research Australia 2018

Benefit from interactive classes

Build confidence in your ideas and develop strong relationships with your teachers and peers in our small interactive classes. Our student-focused, interactive teaching environments give you the chance to ask questions, expand your ideas and sharpen your critical and analytical mind. Be part of an innovative learning environment that pioneered Australian legal education.

Join our Societies

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

Extensive clinics and internships

Apply what you learn in the classroom to real-world practice with a wide range of work-integrated learning opportunities available. From helping members of the local community at our on-campus community legal centre to undertaking a credit-based work placement at a criminal justice agency, our students put theory into practice.

Global opportunities

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

Exclusive Careers Service

Secure a rewarding job at the end of your studies with support from our dedicated Careers Service. Drawing upon their extensive experience working as lawyers and criminologists in Australia and overseas, our careers team collaborates with employers, recruitment agencies and UNSW alumni to source and promote opportunities for students.

Purpose-built Law & Justice moot court



End-to-end legal education

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

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

Step 2 – Complete your GDLPP at UNSW.

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

For more information, visit unsw.to/plt

Law Admission Test (LAT)

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

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

The LAT is a two-hour aptitude 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 2022 LAT?

- Students in both Year 11 and 12 in 2022. 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 unsw.to/law

LAT registration details

Registrations open: Monday 2 May 2022

UNSW LAT Info Evening: Thursday 5 May 2022

Standard Registration Close: Friday 12 August 2022

Late Registration Close:
Wednesday 7 September 2022

Test Day: Thursday 29 September 2022

Cost
Standard registration: \$189
Concession registration: \$100
Late registration: additional \$50

To register, visit lat.acer.org/register

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.

In 2022 you can complete the LAT via remote proctoring if you won't be able to attend the test centre in Sydney or Canberra. You must apply for remote proctoring as part of the LAT online registration process.

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

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

Internal Program Transfer (IPT)

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

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

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

Bachelor of Laws (LLB)

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

2022 lowest selection rank¹ 91.65 + LAT

2022 lowest ATAR² 85.00*

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

Sample structure

5 years FT

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

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

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

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

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

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

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

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

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

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



Bachelor of Criminology and Criminal Justice

Program code 3422
Duration 3 years (+ 1 year Honours option)
2022 lowest selection rank¹ 80.00
2022 lowest ATAR² 68.35
Assumed knowledge None
 The LAT is not required for entry into this program

Explore the complexities of criminal justice, crime prevention and law enforcement in this hands-on interdisciplinary degree. Imagine a more just future by critically interrogating pressing real-world issues like Indigenous over-incarceration, sexual violence and pill testing.

You'll also develop in-demand skills in qualitative and quantitative research, critical thinking and policy analysis while studying broader topics such as security, policing, alternative justice systems, criminalisation and regulation.

Career opportunities
 We have built career-readiness training into each level of our program, ensuring you have the skills to excel in your chosen career.

 Our graduates work in diverse roles, including in research and policy analysis for government departments, crime prevention, intelligence, law enforcement, corrective services, insurance and customs and victim and offender support roles in an increasing number of NGOs.

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



From day one, it was about developing your worldview and getting challenged to think – ‘How do I feel about this? What’s my opinion?’ I loved it so much.

—
Meg Greenwood,
 Bachelor of Criminology & Criminal Justice

Law & Justice double degrees

Program code	Degree	Duration	Program code	Degree	Duration
4737	Actuarial Studies/Law	5 years	4875	Media/Law	5 years
3998	Advanced Mathematics (Hons)/Law	6 years	4755	Medicinal Chemistry (Hons)/Law	6.7 years
3997	Advanced Science (Hons)/Law	6 years	4797	Politics, Philosophy & Economics/Law	6 years
4782	Arts/Law	5 years	4722	Psychological Science/Law	5 years
4706	City Planning (Hons)/Law	6.7 years	4721	Psychology (Hons)/Law	6 years
4733	Commerce/Law	5 years	4770	Science/Law	5 years
3786	Computer Science/Law	5 years	4772	Science & Business/Law	6 years
4763	Criminology & Criminal Justice/Law	5 years	4873	Social Sciences/Law	5 years
4795	Data Science & Decisions/Law	5.7 years	4034	Social Work (Hons)/Criminology & Criminal Justice	5 years
4744	Economics/Law	5 years	4787	Social Work (Hons)/Law	6.7 years
3765	Engineering (Hons)/Law	6.7 years			
4877	Fine Arts*/Law	5 years			

*Auditions are required for the Music specialisation of this degree. Visit unsw.to/music-auditions

➤ To see a list of all UNSW double degrees, turn to page 90.

Law & Justice Building



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



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



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



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



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

Exercise physiology students in the UNSW Lifestyle Clinic



Medicine & Health



Study the most in-demand degree

The UNSW Bachelor of Medical Studies/Doctor of Medicine was the most popular first-preference choice in NSW for school leavers in 2018-2022* 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 43rd in the world for health* 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.

*Universities Admissions Centre (UAC)
*QS World University Rankings by Subject 2022

Access world class biomedical and clinical training facilities

Take advantage of clinical training in some of Australia's largest metropolitan and rural hospitals. You'll also benefit from UNSW's leadership role in the broader Randwick Health & Innovation 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 throughout your degree. 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. Additionally, you will need to undertake an interview (if competitive). Offers to study medicine at UNSW are based on your academic performance (ATAR or equivalent), UCAT ANZ result and interview.

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 unsw.to/medhowtoapply

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

Special admission schemes:

- Rural Student Entry Scheme
- Indigenous Entry Scheme
- Gateway Medicine Entry Scheme

For more information about applying for Medicine through a special entry scheme, visit unsw.to/medspecialentryschemes

Key dates

UCAT ANZ bookings open:

1 March 2022

Medicine Information Evening:

15 March 2022. Check events.unsw.edu.au for more information

UCAT ANZ booking deadline:

17 May 2022

UCAT ANZ test dates:

1 July – 12 August 2022

Medicine Application Portal closes:

30 September 2022

*Dates correct at time of publication.

Bachelor of Medical Studies/Doctor of Medicine

Program code 3805

Duration 6 years

Entry

Selection Rank + UCAT ANZ + interview

2022 lowest selection rank¹ ATAR + UCAT ANZ

2022 lowest ATAR²

– Local Entry 96.05

– Rural Entry 91.30

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) or Honours)

+

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 life-long learner with a high level of professionalism and an outcomes-based approach to your practice.

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

Bachelor of Medical Studies (BMed)

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

Doctor of Medicine (MD)

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

Career opportunities

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

Professional recognition

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

For further information on medicine entry visit

unsw.to/medhowtoapply

Double degree options

• Arts



Knowing that UNSW is a leader in medical research was crucial in my decision making because I know the medical workforce is getting more and more competitive. UNSW builds research into its medical program, which means once you graduate, you're in a much better position to get a job.

—
Ashna Basu, Junior Medical Officer, Prince of Wales Hospital

New Health Professional Programs

Shape the future of health with our new suite of degrees in pharmacy, physiotherapy, exercise physiology, and dietetics and food innovation.

Our unique health professional programs offer extensive practical and interdisciplinary training to prepare you for your future profession. You'll graduate with both a bachelor's and a master's degree, giving you a competitive edge in the workforce.

We offer an embedded professional practice stream, where you'll learn alongside students from our other health programs to gain the critical interprofessional skills you need for real-world practice. With a focus on social justice and ethical practice, you'll be able to understand and respond to the health needs of diverse populations as you transform traditional practice and drive healthcare innovation.

Visit unsw.to/futureofhealth to find out more.



Practical

Build your confidence

Your hands-on training starts in year one, giving you time to grow as a health professional. We offer extensive clinical placements and experiential learning opportunities across a wide range of settings.



Career-focused

Prepare for practice

Our new programs include an embedded professional practice stream that will prepare you to work in integrated healthcare teams. You'll learn alongside students from our other health programs as you develop your professional skills.



Inclusive

Shape a better future

Drive the change you want to see with a degree grounded in advocacy, equity and social justice. You'll learn how to be professional, ethical and understanding of the needs of diverse populations.

* Subject to COVID-19 related restrictions and modifications in 2022

Bachelor of Nutrition/Master of Dietetics and Food Innovation

Program code 3894

Duration 5 years

2022 lowest selection rank¹ N/A

2022 lowest ATAR² N/A

Assumed knowledge

Chemistry, Mathematics
Advanced

Structure

Nutrition
+
Dietetics
+
Food Science
+
800 hours of Work Placement
+
Professional Practice

Build healthier communities with a comprehensive education in nutrition, health and food systems. This unique degree explores how food and nutrition optimise health, treat illnesses and prevent chronic diseases. At the end of the five years, you'll graduate with a Bachelor of Nutrition and a Master of Dietetics and Food Innovation, giving you a competitive advantage in the job market.

You'll gain foundational training in anatomy, physiology, chemistry, biology and biochemistry and examine all aspects of the food value chain from agriculture, food technology, manufacturing and the retail sector to innovations and digital technologies. With interdisciplinary courses ranging from food production to inclusive eating practices, this degree will expand your career options and prepare you to work both within and outside the healthcare sector.

Career opportunities

This sought-after combination of nutrition, dietetics and food innovation unlocks many career possibilities. Dietetics will prepare you to work as a dietitian in hospitals, private practices and health organisations. Food innovation provides career opportunities in the food sector such as regulation, product development and innovation, agriculture and not-for-profit organisations. This degree also equips you for a career in consulting, advocacy, research, government, food marketing and food sustainability.

Professional accreditation

UNSW has received Program Qualification from Dietitians Australia (DA) and will seek accreditation within the required timelines, with the aim of achieving accreditation prior to graduation of the first cohort of students. A graduate of an accredited dietetics program is eligible to become a member of DA and join the Accredited Practising Dietitian (APD) Program. Full details of the stages in the DA accreditation process are available at dietitiansaustralia.org.au. Direct inquiries to the Dietetics Program Authority, Associate Professor Sara Grafenauer.

Bachelor of Pharmaceutical Medicine/Master of Pharmacy

Program code 3895

Duration 5 years

2022 lowest selection rank¹ N/A

2022 lowest ATAR² N/A

Assumed knowledge

Chemistry, Mathematics
Advanced

Structure

Foundational Sciences
+
Core Pharmacy Courses
+
350 hours of Clinical Placement
+
Electives, International Experience or Research Project
+
Professional Practice

Be at the forefront of the evolving pharmacy sector with a comprehensive education in the pharmaceutical sciences, pharmacy practice and management. This unique degree provides a breadth of skills and knowledge that goes beyond traditional pharmacy to develop skilled and confident practitioners that will be highly sought after in the healthcare sector.

This future-focused degree reflects the complexity and evolution of the profession, developing your skills in a range of current and future areas of practice, such as pharmacist prescribing. This degree will prepare you for a career as a pharmacist in clinical practice, within the pharmaceutical industry or other healthcare roles such as in health policy or regulation.

Career opportunities

Pharmacists are essential to the healthcare system - providing services such as medicine preparation and supply, medication reviews, patient counselling and disease prevention. Pharmacists work across a range of settings,

including community and hospital pharmacy, government and non-government organisation roles, pharmaceutical industry positions in drug development, regulatory affairs, clinical trials, medicines information and marketing, consulting, research positions at academic and research institutions, general practice and aged care.

Professional accreditation

This program is accredited by the Australian Pharmacy Council and is approved by the Pharmacy Board of Australia as a qualification leading to registration as a pharmacist in Australia.

Upon completion of an Australian Pharmacy Council accredited and Pharmacy Board of Australia approved program, graduates are required to complete the Pharmacy Board of Australia's registration requirements to be eligible to apply for pharmacist registration in Australia.

Currently to be eligible to apply for general registration as a pharmacist, you must have successfully completed an approved intern training program, undertaken 1824 hours of supervised practice and have passed the Pharmacy Board of Australia's written and oral examinations.

Bachelor of Exercise Science/Master of Physiotherapy and Exercise Physiology

Program code 3896

Duration 5 years

2022 lowest selection rank¹ N/A

2022 lowest ATAR² N/A

Assumed knowledge

Chemistry, Mathematics
Advanced

Structure

Exercise Science, including 140 hours of Work Placement
+
Exercise Physiology, including 360 hours of Work Placement
+
Physiotherapy, including 1400 hours of Work Placement
+
Professional Practice

Push the boundaries of traditional practice with this innovative combined degree in exercise science, physiotherapy and exercise physiology. With expertise across three complementary disciplines, you'll have a unique set of professional skills to help people recover from injury and illness and maintain long-term health and wellbeing.

This program strongly emphasises interprofessional education, communication, teamwork and evidence-based practice.

Prepare yourself for an exciting career in clinical settings such as hospitals or private practices, and non-clinical roles such as working with sporting teams or leading advocacy in healthcare management and policy. In just five years, you'll gain both a bachelor's and a master's degree, accelerating your career in health.

Career opportunities

Physiotherapists and exercise physiologists are in high demand in Australia and overseas and find employment in a wide range of clinical and non-clinical settings. You'll have the skills to work with healthy and chronic disease populations across various settings, including public and private hospitals, private practice, aged care, mental health clinics, community exercise and physical activity programs, workplace health and rehabilitation, and sporting organisations.

Professional accreditation

Relevant accreditation/program qualification from the Australian Physiotherapy Council (APC) and Exercise and Sports Science Australia (ESSA) has been sought for this program.

Bachelor of Applied Exercise Science/Master of Clinical Exercise Physiology

Program code 3897

Duration 4.3 years

2022 lowest selection rank¹ N/A

2022 lowest ATAR² N/A

Assumed knowledge

Chemistry, Mathematics
Advanced

Structure

Exercise Science, including 140 hours of Work Placement
+
Exercise Physiology, including 360 hours of Work Placement
+
Professional Practice

Accelerate your career with a comprehensive education in exercise science and exercise physiology. This combined degree explores the science of human performance and how exercise is used as a rehabilitative and preventative therapy, equipping you to care for both healthy patients and those with chronic disease across two areas of practice. You'll gain both a bachelor's and a master's degree in just over four years. When studied separately, these two degrees would normally take a minimum of five years to complete.

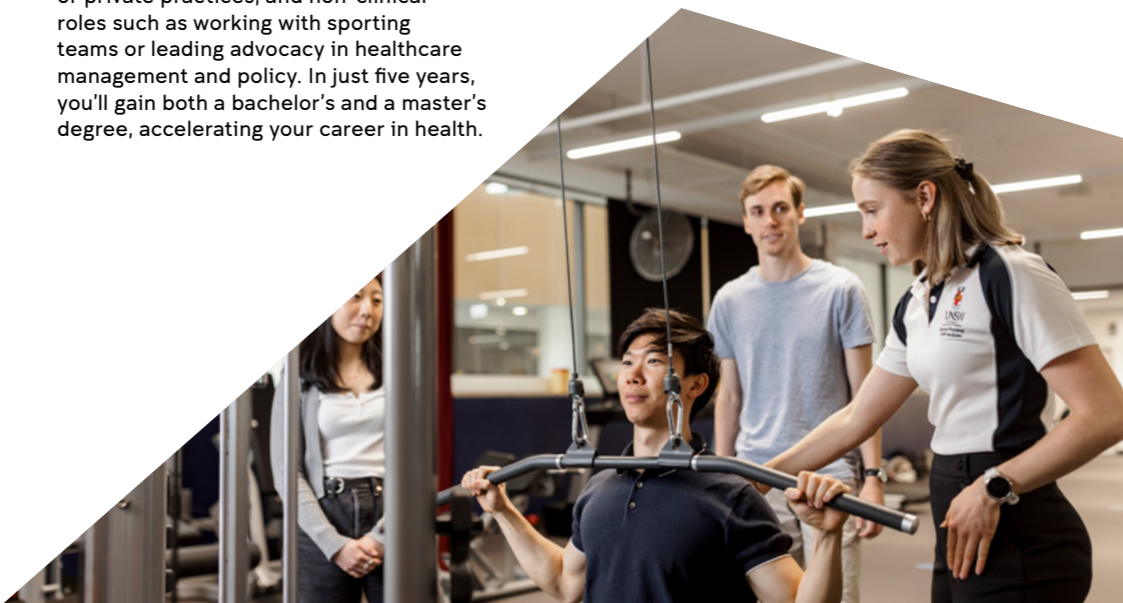
Your study will include strength and conditioning, sports nutrition and in-depth clinical knowledge of cardiovascular, neurological, and musculoskeletal rehabilitation. You'll undertake a variety of placements and learn how to prescribe exercise to manage a wide range of health conditions and prevent the onset of common illnesses.

Career opportunities

This degree will prepare you to work as an accredited exercise scientist and exercise physiologist, and pursue a diverse range of roles such as workplace rehabilitation consultant, wellness coordinator or clinical research assistant. You'll have the skills to work with healthy and chronic disease populations across various settings, including public and private hospitals, private practice, aged care, mental health clinics, community exercise and physical activity programs, workplace health and rehabilitation.

Professional accreditation

Program qualification from Exercise and Sports Science Australia (ESSA) has been sought for this program.



Bachelor of International Public Health

Program code 3880

Duration 3 years (dual mode)

2022 lowest selection rank 80.00

2022 lowest ATAR 73.55

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 work with passionate health professionals to find solutions to population and global health problems? Unlike other Australian undergraduate public health programs, the Bachelor of International Public Health (BIPH) takes a global perspective to build the skills required to help improve the health of populations worldwide.

Taught in a dual mode, you can complete this degree in person on campus or entirely online (if this suits your lifestyle) - or a combination of both. Study your way!

Courses focus on infectious disease challenges, Indigenous and environmental health, women and children's health, and global chronic disease prevention. In your final year, you'll complete a capstone course to gain practical experience in an area you are passionate about. Capstones are tailored to your interests and may include the opportunities to study abroad, undertake ground-breaking research, or engage in new and game-changing health policy development.

Majors

• International Public Health

Career opportunities

You'll graduate with the skills required to join the public health workforce in Australia or overseas and be ready to take on positions involving epidemiology analysis, community engagement for social change, policy development, health promotion, or outbreak response. You may contribute to population health programs delivered by local or state health departments or by international agencies or charities, such as the Red Cross. You may find yourself working in teams that strive to reduce the burden that diseases place on the community, or pursue a research career seeking answers to questions that will truly impact peoples' lives. Discover the dynamic and varied career opportunities available as a graduate of the BIPH.



The BIPH has been a highly flexible course. Being able to study from anywhere in Australia has been crucial to my continued study. My study of the BIPH has inspired me to pursue involvement in the delivery of population health programs and policies. Using the principles and approaches I have learnt throughout the BIPH, I feel I will be prepared to take part in this highly rewarding work.

—
Callum Moses,
Bachelor of International Public Health

Bachelor of Vision Science

Program code 3181

Duration 3 years

2022 lowest selection rank 92.00

2022 lowest ATAR 85.00

Assumed knowledge
Mathematics Advanced,
Chemistry, Physics,
English Advanced

Structure

Vision Science Core Courses
+
General Education Non-Science Courses

Vision Science studies the mechanisms that allow us to visualise the world. At UNSW Optometry and Vision Science, the largest optometry school in Australia, 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 the core skills and in-depth knowledge to work across the eye health sector spanning clinical settings, health promotion in government and non-government organisations and the ophthalmic industry.

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

You may be interested to pursue further study in a clinical discipline in optometry, orthoptics or rehabilitation for people with vision impairment (Graduate Diploma in Orientation & 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

2022 lowest selection rank 99.50

2022 lowest ATAR 91.00

Assumed knowledge
Mathematics Advanced,
Chemistry, Physics and
English Advanced

Structure

Years 1-3
Vision Science Core Courses
+
General Education Non-Science Courses
Year 4-5
Clinical Optometry Masters Courses
+
Clinical experience

This degree combines the theory behind vision science with the clinical art of primary eye care, with graduates able to 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.

The five-year program is broken down into two parts – the three-year Bachelor of Vision Science and the two-year Master of Clinical Optometry. The program consists of:

Bachelor of Vision Science

Through studies in vision science, you'll learn about the optics of lenses and instruments, the anatomy and physiology of the eye, eye diseases and the psychophysics of vision and neuroscience.

Master of Clinical Optometry

This component is your pathway to becoming a registered optometrist in Australia, New Zealand and parts of Asia. Gain practical experience in UNSW's Optometry Clinic and through external placements as well as connect with industry-leading research institutes including the Centre for Eye Health. You'll gain broad experience in optometric eye care and training on how to work and communicate with patients and other practitioners.

Career opportunities

You can pursue a career as an optometrist, and develop interest and experience in paediatric optometry, contact lenses, public health, sports vision or low vision rehabilitation. You can also seek careers in eye and vision research or as a consultant to ophthalmic industries.

Professional accreditation

Graduates of this program can apply to register with the Optometry Board of Australia (OBA), the Optometrists and Dispensing Opticians Board (ODOB) New Zealand and other registration boards in Asia where our program is recognised.



Science



Materials Science and Engineering Lab in the Hilmer Building

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.



With 7 subjects ranked in the top 50 globally,* 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 unsw.to/science

* QS World University Rankings by Subject 2022

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 former Australian of the Year Professor Michelle Simmons AO, Nobel Laureate Sir Fraser Stoddart and ground-breaking recycling scientist and 2022 NSW Australian of the Year Professor Veena Sahajwalla.

Make profound scientific discoveries

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



Bachelor of Advanced Science (Honours)

Program code 3962

Duration 4 years

2022 lowest selection rank¹ 93.00

2022 Lowest ATAR² 84.40

Assumed knowledge

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

Structure

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

Are you an innovative thinker with a passion for scientific exploration? Discover solutions to the world's biggest challenges through advanced courses and an Honours year working alongside world-leading researchers. Explore different disciplines in your first year before choosing from 26 majors within the physical, natural and human sciences to tailor your degree.

Career opportunities

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

Majors

- Advanced Physical Oceanography
- Advanced Physics
- Anatomy
- Bioinformatics
- Biology
- Biotechnology
- Chemistry
- Climate Dynamics
- Climate Systems Science
- Earth Science
- Ecology

- Genetics
- Geography
- Immunology
- Marine and Coastal Science
- Materials Science
- Mathematics
- Microbiology
- Molecular and Cell Biology
- Neuroscience
- Pathology
- Pharmacology
- Physiology
- Psychology
- Statistics
- Vision Science

Double degree options

- Arts
- Commerce
- Computer Science
- Economics
- Engineering (Hons)
- Fine Arts
- Law
- Social Sciences

Professional Accreditation

The Psychology major and Honours year is an Australian Psychology Accreditation Council (APAC) accredited 4-year undergraduate sequence in Psychology and is the first step on the six-year pathway to becoming a registered professional psychologist.

Bachelor of Science

Program code 3970

Duration 3 years (+ 1 year Honours option)

2022 lowest selection rank¹ 80.00

2022 Lowest ATAR² 69.30

Assumed knowledge

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

Structure

Major (choose one or two)
+
Science Electives
+
Free Electives (from any faculty at UNSW)
+
General Education Non-Science Courses

From oceanography to neuroscience, biotech to quantum physics, create innovative solutions to the world's biggest challenges with a Bachelor of Science. Explore different disciplines in your first year, or tailor your degree from the start. Choose from 26 majors within the physical, natural and human sciences. Extensive Work Integrated Learning (WIL), internship and research opportunities will equip you with transferable and industry-relevant skills that will unlock a wide range of careers.

Career opportunities

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

Majors

- Anatomy
- Bioinformatics
- Biology
- Biotechnology
- Chemistry
- Earth Science
- Ecology
- Food Science
- Genetics

- Geography
- Immunology
- Marine and Coastal Science
- Materials Science
- Mathematics
- Mathematics for Education*
- Microbiology
- Molecular and Cell Biology
- Neuroscience
- Pathology
- Pharmacology
- Physical Oceanography
- Physics
- Physiology
- Psychology
- Statistics
- Vision Science

Double degree options

- Actuarial Studies
- Arts
- Commerce
- Computer Science
- Economics
- Education (Secondary)
- Engineering (Hons)
- Fine Arts
- Law
- Social Sciences

Professional Accreditation

The Psychology major is an Australian Psychology Accreditation Council (APAC) accredited 3-year undergraduate sequence in Psychology and is the first step on the six-year pathway to becoming a registered professional psychologist.

* The Mathematics for Education major is only available in the Bachelor of Science/Education (Secondary) program.

Bachelor of Science (International)

Program code 3987

Duration 4 years

2022 lowest selection rank¹ 85.00

2022 Lowest ATAR² 76.70

Assumed knowledge

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

Structure

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

In an increasingly globalised business and research environment, scientists need to be experts in their field and work collaboratively with colleagues worldwide. This degree focuses on a Science major combined with cross-cultural skills, knowledge and understanding. You'll prepare for a global science career with subsidised study overseas at a UNSW partner university, a language minor and cultural studies electives.

Career opportunities

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

Majors

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

Science discipline areas

- Anatomy
- Bioinformatics
- Biology
- Biotechnology
- Chemistry
- Earth Science
- Ecology
- Food Science
- Genetics
- Geography
- Marine and Coastal Science

- Materials Science
- Mathematics
- Microbiology
- Molecular and Cell Biology
- Neuroscience
- Pathology
- Pharmacology
- Physical Oceanography
- Physics
- Physiology
- Psychology
- Statistics
- Vision Science

Language discipline areas

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

Note

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

Professional Accreditation

The Psychology major is an Australian Psychology Accreditation Council (APAC) accredited 3-year undergraduate sequence in Psychology and is the first step on the six-year pathway to becoming a registered professional psychologist.

Bachelor of Science and Business

Program code 3925

Duration 3 years

2022 lowest selection rank¹ 85.00

2022 Lowest ATAR² 75.30

Assumed knowledge

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

Structure

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

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

Career opportunities

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

Majors

- Anatomy
- Bioinformatics
- Biology
- Biotechnology

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

Double degree options

- Law

Professional Accreditation

The Psychology major is an Australian Psychology Accreditation Council (APAC) accredited 3-year undergraduate sequence in Psychology and is the first step on the six-year pathway to becoming a registered professional psychologist.

Bachelor of Aviation (Flying)

Program code 3980
Duration 3 years
2022 lowest selection rank¹ 80.00 + Interview
2022 Lowest ATAR² 72.25
Assumed knowledge
 Mathematics Advanced

Structure

Aviation Flying Core Courses
 +
 General Education
 Non-Science Courses

Explore the science behind aviation, earn your flying licences and get ready to take on global opportunities within the aviation sector. This degree not only educates and trains pilots to the highest commercial standards, it also develops future industry leaders and managers. You'll combine the study of theory with up to 200 hours of flight training and about 30 hours of simulator training.

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 recognition

This degree is professionally recognised.

Important information

You'll need to pay for the flight training costs portion of this degree. In 2023, the anticipated standard cost of flight training to obtain the minimum of a Commercial Pilot License (CPL), Instrument Rating - Multi Engine Aeroplane, and ATPL (Frozen) is \$143,500 (some elective fees and extra flying fees may apply). Additional flying costs are incurred depending on your choice of third year flying practicum and if more than the 200 flight hours are required to achieve proficiency in any aspect of the flight training.

Additional selection criteria

In addition to your ATAR (or equivalent), Aviation (Flying) requires an internal application submitted directly to the UNSW School of Aviation to arrange an interview. If eligible, you'll receive an invite to an interview 1-2 weeks after your internal application form is submitted, once the interview period commences from early September. As we receive a high volume of applications, we encourage applicants to submit their internal application form as early as possible. If successful in gaining admission to the program, 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
2022 lowest selection rank¹ 80.00
2022 Lowest ATAR² 74.80
Assumed knowledge
 Mathematics Standard 2

Structure

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

Pursue a career in flight operations on or off the flight deck. This degree will prepare you to become an aviation manager who understands the theory behind aviation operational management and can apply these principles to a practical work environment.

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

Bachelor of Biotechnology (Honours)

Program code 3053
Duration 4 years
2022 lowest selection rank¹ 80.00
2022 Lowest ATAR² 69.30
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

Biotechnology combines cell biology and chemistry to create medicine, food, and energy products and solutions. Work at the forefront of biopharmaceuticals, vaccines, new methods for chemical synthesis, applied genomics and finding new solutions to remediating our environment.

This degree includes courses in the life sciences, explores current industry trends and issues and tackles key focus areas, including synthetic biology, bioprocessing, medical applications and commercialisation. Through a research-based honours year, you'll gain greater experience and confidence in the practice of scientific methods.

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 Data Science and Decisions

Program code 3959
Duration 3 years
2022 lowest selection rank¹ 90.00
2022 Lowest ATAR² 82.40*
Assumed knowledge
 Mathematics Extension 1

Structure

Data Science Core Courses
 +
 Major
 +
 Free Electives (from any faculty at UNSW)
 +
 Courses from outside Science, Engineering or Business

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



We live in a world of technology, which revolves around economics, but is all underpinned by maths and numbers. This program covers all three major areas, which are incredibly useful to contribute to society.

–
 Serena Xu,
 Bachelor of Data Science and Decisions



Bachelor of Environmental Management

Program code 3965

Duration 3 years
(+ 1 year Honours option)

2022 lowest selection rank¹ 80.00

2022 Lowest ATAR² 73.45

Assumed knowledge

Mathematics Advanced and Chemistry

Structure

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

Environmental issues such as climate change and sustainability are at the forefront of modern world challenges. Environmental scientists help shape policy and regulations to create sustainable solutions to environmental problems. You'll learn the theory and practical skills needed to influence environmental decisions by learning how to create a balance between economic, social and environmental concerns. Hands-on learning experiences will empower you to tackle real-world problems.

Career opportunities

You can work as an Environmental Consultant, Policy Developer or Researcher within industry or government. Potential employers may include National Parks and Wildlife Service or the Environmental Protection Authority.

Majors

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

Double degree options

- Arts

Bachelor of Life Sciences

Program code 3966

Duration 3 years
(+ 1 year Honours option)

2022 lowest selection rank¹ 80.00

2022 Lowest ATAR² 65.10*

Assumed knowledge

Mathematics Advanced plus Biology or Chemistry

Structure

Major (choose one or two)
+
Science Electives
+
Free Electives
(from any faculty at UNSW)
+
General Education
Non-Science Courses

Discoveries in life sciences are integral to advancing our world and society, bringing together biological, environmental and medical sciences. If you're curious about how things work at the molecular level to entire ecosystems, this degree will equip you with transferable skills that can apply to a wide range of industries. It's also a pathway to postgraduate study, especially in the health and medical fields.

Career opportunities

Open the door to a wide range of careers with a degree in life sciences. Work in conservation and government organisations, and across commercial industry in medical, pharmaceutical, chemical, food and beverage companies.

Majors

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

Professional Accreditation

The Psychology major is an Australian Psychology Accreditation Council (APAC) accredited 3-year undergraduate sequence in Psychology and is the first step on the six-year pathway to becoming a registered professional psychologist.

Bachelor of Engineering (Honours) (Materials Science and Engineering)

Program code 3131

Duration 4 years

2022 lowest selection rank¹ 85.00

2022 Lowest ATAR² 75.05*

Assumed knowledge

Mathematics Extension 1, Physics

Structure

Materials Science Core Courses
+
Professional Electives
+
1 Year Honours
+
Courses from outside Science, Engineering or Business

To create metals, ceramics, polymers and composites, you need a solid background in Materials Science. In this degree, you'll learn about developing high-performance materials that are lighter, greener and stronger – for use in every aspect of technology. You'll develop the theoretical and practical skills to improve materials for aerospace, automotive, biomedical and information technology-based industries.

Career opportunities

You can work in areas such as fundamental scientific research, manufacturing and materials processing, quality control, safety, the environmental impact of materials and the commercialisation of materials technologies. In Australia and around the world, graduates work in fields of nanotechnology, biomedical materials and electronic materials.

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 3991

Duration 3 years
(+ 1 year Honours option)

2022 lowest selection rank¹ 88.00

2022 Lowest ATAR² 78.05

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

Medical Science is the foundation that the practice of medicine is built on. It incorporates facets of several scientific disciplines to uncover how the body functions - reactions to disease, drugs, treatments, and the role of genetics. This degree can prepare you for a career in biomedical research and graduate medical or paramedical studies.

Career opportunities

You can work in fields such as medical research, paramedical professions, health policy, medical laboratory science, pathology and forensic science, patents and intellectual property, market research and product development, and in pharmaceutical and biotechnology industries.

Majors

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

Bachelor of Medicinal Chemistry (Honours)

Program code 3999

Duration 4 years

2022 lowest selection rank¹ 87.00

2022 Lowest ATAR² 76.95*

Assumed knowledge

Mathematics Advanced, Chemistry

Explore biology, biochemistry, pharmacology and essential chemistry techniques in this multidisciplinary degree. Your study will encompass all aspects of new drug design, through the many steps from the design and synthesis of novel drug candidates, to their biochemical effects, testing regimes, and regulatory and ethical considerations. In your honours year, you'll complete a supervised research project.

Career opportunities

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

Double degree options

- Law

Structure

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

Bachelor of Psychological Science

Program code 3435

Duration 3 years (+ 1 year Honours option)

2022 lowest selection rank¹ 83.00

2022 Lowest ATAR² 75.60

Assumed knowledge

Mathematics Standard 2 or Mathematics Advanced (depending on major)

Psychology has rapidly become one of the most relevant fields of study for clinicians and corporate professionals. Explore the mind and enhance your career prospects by combining 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.

Structure

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

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

Majors

- Criminology
- Human Resource Management
- Linguistics
- Marketing
- Neuroscience
- Philosophy
- Vision Science

Double degree options

- Law

Professional accreditation

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

Bachelor of Psychology (Honours)

Program code 3632

Duration 4 years

2022 lowest selection rank¹ 98.00

2022 Lowest ATAR² 89.20

Assumed knowledge

Mathematics Standard 2

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.

Structure

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

Career opportunities

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

Professional accreditation

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

Double degree options

- Law

Bachelor of Science (Advanced Mathematics) (Honours)

Program code 3956

Duration 4 years

2022 lowest selection rank¹ 93.00

2022 Lowest ATAR² 83.60*

Assumed knowledge

Mathematics Extension 1

Are you a high achiever with a keen mind wanting to specialise in mathematics? If you're interested in the increasing range of quantitative careers in areas such as finance and environmental modelling, this degree offers a strong foundation. The four-year degree combines advanced coursework with an Honours-level research project.

Structure

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

Career opportunities

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

Majors

- Advanced Statistics
- Applied Mathematics
- Pure Mathematics

Double degree options

- Actuarial Studies
- Arts
- Commerce
- Computer Science
- Economics
- Engineering (Hons)
- Law

School of
Mathematics
& Statistics

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



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



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



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

> For more information, visit unsw.adfa.edu.au

UNSW Canberra at ADFA



Admission to UNSW Canberra Degrees

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

Defence

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

DCUS

DCUS is open to aspiring university students who wish to pursue a degree through UNSW Canberra at ADFA. There are no military service obligations or requirements. This is a sponsorship for civilian students who may be interested in a civilian career in the Department of Defence.

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

Bachelor of Arts

Offered to Defence

Program code 4400

Duration 3 years
(+ 1 year Honours option)

2022 lowest selection rank¹ 75.00 + Defence selection

2022 lowest ATAR² 70.20

Assumed knowledge

Any 2 units of English

To be an effective leader in the Australian Defence Force, you need to be able to research and think critically, and to work independently and collaboratively. This degree, with a diverse range of courses and electives, will enrich your understanding of how people define and debate life's meaning and values.

Majors

- Business
- English & Media Studies
- Geography
- History
- Indonesian Studies
- International & Political Studies

Career opportunities

The Bachelor of Arts is flexible and allows you to keep your options open, giving you the analytical skills to be an effective leader and manager, leading to a variety of Officer roles across the Navy, Army and Air Force.

Bachelor of Business

Offered to Defence

Program code 4405

Duration 3 years
(+ 1 year Honours option)

2022 lowest selection rank¹ 80.00 + Defence selection

2022 lowest ATAR² 72.95

Assumed knowledge

Any 2 units of English

As you progress through your career in the Australian Defence Force, you may be called on to manage the nation's critical security resources, from finances and personnel to aircraft, ships and tanks. This degree will prepare you for specific business-management challenges in areas such as acquisition and procurement, project management, logistics and the management of people.

Career opportunities

The Bachelor of Business gives you the skills to work within the business processes of the ADF and to interact with external service providers. This is particularly valuable if you wish to become involved in acquisition and procurement, project management, logistics and the management of people.

Bachelor of Computing and Cyber Security

Offered to Defence, DCUS

Program code 4427

Duration 3 years
(+ 1 year Honours option)

2022 lowest selection rank¹ 80.00 + Defence selection

2022 lowest ATAR² 73.50

Assumed knowledge

Mathematics Advanced

Want to use gaming techniques to deepen your knowledge of computer science and maths fundamentals? This degree focuses on the theoretical foundations and practical approaches to computation and its applications within security. Students first apply these techniques to gaming before learning more about hardware, systems, networking and the internet.

Career opportunities

The Bachelor of Computing and Cyber Security will give you an intellectual advantage for all careers in the ADF, given the planned introduction of new capability and the increased influence of the information environment on military operations.

Bachelor of Engineering (Honours) Aeronautical

Offered to Defence, DCUS, Non-Defence

Program code 4472

Duration 4 years

2022 lowest selection rank¹
85 + Defence selection (Defence, DCUS)
90.00 (Non-Defence)

2022 lowest ATAR²
83.60 (Defence, DCUS)
83.40 (Non-Defence)

Assumed knowledge

Mathematics Advanced, Physics

The design of flight vehicles and their maintenance and operation is a complex process requiring knowledge of many engineering disciplines, as well as an understanding of materials and structural analysis. In this degree, you'll study areas including aircraft and systems design, and applied thermodynamics and propulsion.

Career opportunities

The Bachelor of 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.

Bachelor of Engineering (Honours) Civil

Offered to Defence, DCUS, Non-Defence

Program code 4473

Duration 4 years

2022 lowest selection rank¹
85 + Defence selection (Defence, DCUS)
90.00 (Non-Defence)

2022 lowest ATAR²
85.56 (Defence, DCUS)
<5 offers (Non-Defence)

Assumed knowledge

Mathematics Advanced, Physics

A degree in Civil Engineering will provide you with the professional engineering design, construction and management skills required for facilities such as buildings, roads, bridges, airfields and water supply.

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, base facilities, temporary runways and field engineering associated with ADF projects and military activities. Environmental management plays a major part in these projects, and graduates may also get involved with development and peacekeeping activities in the South Pacific and elsewhere in the world.

Bachelor of Engineering (Honours) Electrical

Offered to Defence, DCUS, Non-Defence

Program code 4471

Duration 4 years

2022 lowest selection rank¹

85 + Defence selection (Defence, DCUS)

90.00 (Non-Defence)

2022 lowest ATAR²

81.65 (Defence, DCUS)

85.60 (Non-Defence)

Assumed knowledge

Mathematics Advanced, Physics

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

Offered to Defence, DCUS, Non-Defence

Program code 4474

Duration 4 years

2022 lowest selection rank¹

85 + Defence selection (Defence, DCUS)

90.00 (Non-Defence)

2022 lowest ATAR²

81.65 (Defence, DCUS)

86.15 (Non-Defence)

Assumed knowledge

Mathematics Advanced, Physics

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 Engineering (Honours) Naval Architecture

Offered to Defence, Non-Defence

Program code 4484

Duration 4 years

2022 lowest selection rank¹

85 + Defence selection (Defence, DCUS)

90.00 (Non-Defence)

2022 lowest ATAR²

<5 offers (Defence, DCUS)

N/A (Non-Defence)

Assumed knowledge

Mathematics Advanced, Physics

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

Career opportunities

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

Bachelor of Science

Offered to Defence

Program code 4410

Duration 3 years (+ 1 year Honours option)

2022 lowest selection rank¹

75.00 + Defence selection

2022 lowest ATAR² 73.75

Assumed knowledge

For Aviation, Chemistry, Oceanography and Physics majors:
Mathematics Advanced
For Aviation, Oceanography and Physics majors:
Physics

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)

Offered to Defence

Program code 4430

Duration 3 years

2022 lowest selection rank¹

85.00 + Defence selection

2022 lowest ATAR² 82.45

Assumed knowledge

Mathematics Advanced, Physics

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.



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Scan to search degrees online.

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Commerce/Arts	4F	38
Commerce/Aviation Management	4F	38
Commerce/Computer Science	4F	38
Commerce/Design	4F	38
Commerce/Fine Arts	4F	38
Commerce/Economics	4F	38
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Economics/Advanced Science (Hons)	5F	40
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Economics/Computer Science	4F	40
Economics/Science	4F	40
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Engineering

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Engineering (Hons)/Commerce	5.7F	46-51
Engineering (Hons)/Computer Science	5F	46-51
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Engineering (Hons)/Science	5F	46-51
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Law & Justice		
Actuarial Studies/Law	5F	60
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Arts/Law	5F	60
City Planning (Hons)/Law	6.7F	60
Commerce/Law	5F	60
Computer Science/Law	5F	60
Criminology and Criminal Justice	3F	60
Criminology and Criminal Justice/Law	5F	60
Data Science and Decisions/Law	5.7F	60
Economics/Law	5F	60
Engineering (Hons)/Law	6.7F	60
Fine Arts/Law	5F	60
Media/Law	5F	60
Medicinal Chemistry (Hons)/Law	6.7F	60
Politics, Philosophy and Economics/Law	6F	60
Psychological Science/Law	5F	60
Psychology (Hons)/Law	6F	60
Science/Law	5F	60
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Social Sciences/Law	5F	60
Social Work (Hons)/Law	6.7F	60

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Vision Science	3F	71
Vision Science/Master of Clinical Optometry	5F	71

Science

Advanced Mathematics (Hons)	4F	83
Advanced Mathematics (Hons)/Arts	5F	83
Advanced Mathematics (Hons)/Computer Science	5F	83
Advanced Mathematics (Hons)/Engineering (Hons)	6F	83
Advanced Science (Hons)	4F	76
Advanced Science (Hons)/Arts	5F	76
Advanced Science (Hons)/Computer Science	5F	76
Advanced Science (Hons)/Engineering (Hons)	6F	76
Advanced Science (Hons)/Fine Arts	5F	76
Advanced Science (Hons)/Social Sciences	5F	76
Aviation (Flying)	3F	78
Aviation (Management)	3F	78
Biotechnology (Hons)	4F	79
Data Science and Decisions	3F	79
Environmental Management	3F	80
Environmental Management/Arts	4.7F	80
Life Sciences	3F	80
Material Science and Engineering (Hons)	4F	81
Material Science and Engineering (Hons)/Commerce	5.7F	81
Material Science and Engineering (Hons)/Engineering Science in Chemical Engineering	5F	81

Degree	Duration (years)	Page
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Medical Science	3F	81
Medicinal Chemistry (Hons)	4F	82
Psychological Science	3F	82
Psychology (Hons)	4F	83
Science	3F	76
Science (International)	4F	77
Science/Arts	4F	76
Science/Fine Arts	4F	76
Science/Social Sciences	4F	76
Science and Business	3F	77

Canberra (defence students)

Arts	3F	86
Business	3F	86
Science	3F	89
Technology (Aeronautical)	3F	89

Canberra (defence and DCUS students)

Computing and Cyber Security	3F	86
Engineering (Hons)(Aeronautical)	4F	87
Engineering (Hons)(Civil)	4F	87
Engineering (Hons)(Electrical)	4F	88

Degree	Duration (years)	Page
Engineering (Hons)(Mechanical)	4F	88
Engineering (Hons)(Naval Architecture)	4F	88

Canberra (non-defence students)

Engineering (Hons)(Aeronautical)	4F	87
Engineering (Hons)(Civil)	4F	87
Engineering (Hons)(Electrical)	4F	88
Engineering (Hons)(Mechanical)	4F	88
Engineering (Hons)(Naval Architecture)	4F	88

1. The 2022 Lowest Selection Rank (LSR) is the adjusted rank (ATAR plus adjustment factors) you would have needed to gain entry to this degree in 2022. To see a complete picture of UNSW offer data, visit unsw.to/degrees

2. The 2022 Lowest ATAR is the lowest ATAR (before adjustment factors were applied) to which an offer was made for Term 1 2022. Where <5 offers is listed, this indicates that less than 5 ATAR-based offers were made and so the ATAR has not been published. N/A indicates no offers were made on the basis of ATAR.

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



How to apply

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

Domestic students

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

Accepted qualifications

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

Check unsw.edu.au/study for a list of other commonly accepted overseas qualifications.

Assumed knowledge

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

You can find the assumed knowledge for each degree listed in the Degrees section (pg 18-89) or online at unsw.to/degrees

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 (Aviation, Co-op, Medicine or UNSW Canberra at ADFA).

Visit unsw.to/degrees 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 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.

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

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 student.unsw.edu.au/welcome. We look forward to seeing you on campus soon.

UAC Preferencing

If you're applying through UAC, there are three easy steps you can take to make sure you're considered for the degree you really want.



Preference your dream degree first

Think of your preferences as your wish list and don't be afraid to think big when putting your dream degree first.



Order your next choices from 2-5

Don't worry if you don't think you'll get the mark for a degree. You won't be penalised for preferencing it highly and you'll receive an offer for your next highest eligible preference.



Revisit or change your preferences any time

You'll only receive one offer per UAC offer round, so make it count. Make sure your five preferences are in the best shape to receive the offer you want.

Adjustment factors

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



HSC Plus

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

To be eligible you must:

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

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

How do I apply?

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

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

Elite Athletes, Performers and Leaders program

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

To be eligible you must:

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

How do I apply?

To be considered, you must submit an application to UNSW and provide supporting documentation by 30 November. 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, apply for the Educational Access Scheme (EAS) via UAC.

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

If eligible, you can receive between 1 and 10 points towards your 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.

Visit unsw.edu.au/hscplus for information on the maximum amount of adjustment factor points you can receive across all schemes.

Pathways right for you

We can help you get into UNSW. If you're eligible, these opportunities combined with your ATAR (or equivalent) may assist you to meet our entry requirements.

UNSW Gateway Admission Pathway

The Gateway Admission Pathway is an early conditional offer for Year 12 students who experience socio-economic or educational disadvantage. It's administered through the UAC Schools Recommendation Scheme and you'll be required to submit a personal statement which will be assessed along with your Year 11 results and school's ratings of your aptitudes and performance in relevant areas of study.

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

As a Gateway student, you can participate in Gateway Program 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

UNSW Portfolio Entry

UNSW Portfolio Entry gives you the opportunity to demonstrate your passion and potential for study in a particular area. While some students are admitted based on their academic performance alone, submitting a portfolio can boost your chances of receiving an offer.

Portfolio Entry is available for many degrees across our Faculty of Arts, Design & Architecture, Faculty of Engineering and our Bachelor of Information Systems. What you submit in your portfolio will depend on which degree you're interested in.

To learn more and submit your portfolio visit unsw.to/portfolio

UNSW Medicine entry schemes

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

For more information visit unsw.to/med-pathways

Pathways for domestic students

Degree transfer – internally

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

For more information, visit student.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'll be assessed on the grades you received in that qualification. In both cases you'll need to apply 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/unswprep17-19

Mature age pathway

The UNSW University Preparation Program (UPP) is open to adults aged 20 or older who don't satisfy the entry requirements for admission to an undergraduate degree at UNSW and don't 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

Pathway 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'll be assessed on your commitment, attitude and aptitude towards your studies and your ability to participate academically in your selected discipline.

UNSW Indigenous Preparatory Programs (Pre-Programs)

The Pre-Program for Business, Education, Law, Medicine, Science and Engineering, and Social Work is a three-week residential program that involves participation in lectures, tutorials, group work, social activities, exams and assessments. To be selected for the program you'll need to submit an application.

UNSW Indigenous Admission Scheme (IAS)

IAS is a one-day alternative entry program. You'll be invited to visit Nura Gili to have a conversation with faculty and Nura Gili staff about your aspirations for university studies. You may need to complete a written and/or numeracy task. The scheme is suitable if you wish to study an undergraduate degree in Arts, Design & Architecture (excluding Education and Social Work), or Exercise Physiology. You'll need to apply for the IAS through Nura Gili.

Enabling programs

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

For more information, visit indigenous.unsw.edu.au/future-students



Scholarships to take you further

Realise your dream of studying and make the most of student life. Be supported through our scholarships, awards or grants that reward excellence and make university accessible to students from all walks of life, based on your background, degree or achievements.

Check your eligibility for different programs at scholarships.unsw.edu.au or keep reading to see how to apply for our most popular scholarships.



Quadrangle Building lawn

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. Remember, 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. Remember to check the website for application deadlines and updates.

› Equity Scholarships

If you are a Year 12 student 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 Program

Career Development Scholarships

The UNSW Co-op Program is not your standard scholarship. It offers high-potential high school leavers the opportunity to become young professionals, before they graduate.

Australia's leading companies take part in the program to recruit graduates across selected degrees in Business, Engineering, Science and Technology. The Program offers hands-on experience, leadership and professional development training, networking opportunities, mentoring, and financial support of \$19,600 per year, guaranteed for four years*.

How Co-op launches careers

- Combines academic excellence with up to 18 months of relevant industry training across multiple companies
- Awards over \$6.5 million in scholarships every year (\$19,600 per scholar)
- Connects you with a network of more than 3,000 Co-op alumni
- Helps you forge life-changing personal and professional connections
- Partners with more than 150 leading Australian companies including Atlassian, CommBank, EY, JP Morgan, Optus & The Arnott's Group
- Supports global opportunities for you to represent Australia on the world stage

Are you a 2023 Co-op scholar?

It's not just about the marks! Co-op scholars:

- Make a significant contribution to their school or community
- Show initiative and leadership
- Communicate and collaborate well
- Want to be active within the university and Co-op community
- Have a genuine interest in a career in industry or a government enterprise in their chosen program
- Are ambitious and keen to contribute
- Care about the community, the country and the world.

If this sounds like you[^], we strongly encourage you to apply. For key dates, application deadlines and more information, visit coop.unsw.edu.au

*Some Engineering and Science Co-op Programs are five years. Scholars in these streams may apply for a potential 5th year Honours scholarship.

[^]To be eligible, you must be an Australian citizen, permanent resident or humanitarian visa holder, or a New Zealand citizen.

International Student Admissions



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

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

Entry requirements

Refer to page 105 for a guide to international entry requirements which are different to those for domestic students.

English language requirements

If you have successfully completed an Australian or New Zealand High School qualification in Australia or New Zealand, you do not have to prove proficiency in English provided the qualification was:

- taught and examined in English
- completed no more than two years prior to the commencement of the program at UNSW.

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

Alternative entry and pathways

If you are an international student studying an Australian High School, New Zealand NCEA Level 3 and IB Diploma qualification these alternative entry scheme and pathways, combined with your ATAR or equivalent, may assist you in meeting our entry requirements:

- UNSW Portfolio Entry
- Degree transfer – internally
- TAFE or university study

More information can be found on page 98. International Students are not eligible for adjustment factors.



UNSW Diploma Programs

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

In the **Diploma in Architecture**, you will learn about architectural design, history and communications, plus the science behind building environments. On successful completion, you can enter the second year of a Bachelor of Architectural Studies, Bachelor of Interior Architecture (Honours) or Bachelor of Landscape Architecture (Honours) at one of Australia's top faculties in Arts and Humanities.

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

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

UNSW Global Pty Limited (ABN 62 086 418 582) delivers UNSW Foundation Studies and Diploma Programs on behalf of UNSW Sydney under UNSW CRICOS Provider Code 00098G.

Note: Diploma in Business students must achieve an average of 60% across all Diploma academic courses to be guaranteed entry into Second Year at UNSW. Students studying a Diploma in Architecture, Computer Science, Engineering, Media and Communication or Science must achieve a pass across all Diploma courses to be guaranteed entry into Second Year at UNSW.

A **Diploma in Media and Communication** will take you into second year of the Bachelor of Media. In the constantly changing world of media and communication, this program will give you a broad introduction to a range of professional skills in journalism, public relations and advertising.

A **Diploma in Engineering** fast tracks you directly into the second year of the Bachelor of Engineering (Honours) at Australia's largest engineering faculty. You will gain a solid background in mathematics, natural sciences and computing.

The **Diploma in Science** is your pathway into the second year of the Bachelor of Science. A science degree unlocks a world of career opportunities, giving you the flexibility to explore different disciplines to find the field that sparks your passion, such as oceanography, neuroscience, biotech and quantum physics.

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

UNSW Foundation Studies Programs

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

Programs range in duration of 4 to 15 months depending on your prior study. Successful completion of a Foundation Studies Program guarantees you a place in the first year of a UNSW bachelor's degree.

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

International student application process

Step 1 – Apply through the Universities Admissions Centre (UAC) as an international student. Head to uac.edu.au for further information and key dates. Select up to six preferences from universities in NSW.

Applications for most courses open in April and close in January the following year. Check UAC for key dates. You can change your preferences as many times as you like in this time.

You may receive one offer per university that you apply to, for your highest eligible preference.

Step 2 – If you have been successful, you will receive an offer for admission and an email linking you to your personalised offer page in December (for HSC students) or January (for IB students).

Step 3 – Your personalised offer page will outline the steps to accept your offer and enrol in your first year subjects, including payment for your tuition fee deposit and Overseas Student Health Cover.

Step 4 – Once you've accepted your offer and paid the deposit your Confirmation of Enrolment (CoE) will be emailed to you. This is required to apply for your student visa.

Step 5 – Check your personalised offer page, as it will now be updated with information about getting started at UNSW, including setting up your IT accounts, picking up your Student ID Card, O-Week events and activities, and UNSW essentials for your first term.

Application to the UNSW Science or Engineering Diploma or UNSW Foundation Studies should be made directly to UNSW Global. Visit unswglobal.unsw.edu.au

International student support

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

Some of the support on campus includes:

- International student advisors and consultations
- UNSW Essentials for International Students Resources
- Academic skills workshops
- Peer writing assistants
- Exam preparation tips
- Cultural mentors and transition programs
- International Careers and Internship Expo
- Professional Development Program for International Students
- Safety on campus
- Health and wellbeing
- Housing assistance

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

Under 18s

Arrangements must be made for students under 18 years of age. These requirements are in line with Australian Government regulations for the care and welfare of international students under 18. For more information, visit student.unsw.edu.au/visa18

Fees and expenses

Tuition Fees

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

Deposit

When you accept your offer at UNSW you will be required to pay a deposit of AUD\$14,000. This amount will go towards your first term of tuition fees.

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

Other study-related costs

Some programs and courses have costs which are additional to the tuition fees, such as laboratory equipment and field trips. Textbooks are not considered compulsory, but we recommend budgeting around AUD\$1,000 per year for books.

An estimate of your total costs (tuition and other study-related costs) will be shown on your Confirmation of Enrolment Form (CoE) that will be issued on acceptance of an offer of admission to UNSW.

Overseas Student Health Cover

If you are in Australia on a student visa you will need to pay for health insurance through the Overseas Student Health Cover (OSHC) scheme and maintain insurance for the duration of your visa.

More information is available at student.unsw.edu.au/overseas-student-health-cover

Costs of Living

Living costs such as rent and food vary depending on each student's requirements. We estimate a single international student will need a minimum AUD\$23,000 per year to cover general living expenses.

For more information, visit international.unsw.edu.au/cost-of-living

International entry requirements

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

Degree	CRICOS	INTL ATAR	INTL IB
Arts, Design & Architecture			
Architectural Studies ●	061903M	85.00	31
Arts ●	001916C	75.00	26
City Planning (Hons) ●	088837E	75.00	26
Construction Management and Property	088764F	75.00	26
Design ● ●	110651E	75.00	26
Education (Secondary)/Arts	075262B	75.00	26
Education (Secondary)/Commerce	077869K	88.00	33
Education (Secondary)/Design	110668E	75.00	26
Education (Secondary)/Economics	075094B	85.00	31
Education (Secondary)/Fine Arts ●	110687D	75.00	26
Education (Secondary)/Science	075263A	75.00	26
Fine Arts ● ● ●	110652D	75.00	26
Interior Architecture (Hons) ●	088833J	75.00	26
Landscape Architecture (Hons) ●	089363D	75.00	26
Media ●	110658J	75.00	26
Politics, Philosophy & Economics ●	098376B	85.00	31
Social Sciences ●	110657K	75.00	26
Social Work (Hons) ●	000831E	75.00	26
Business School			
Actuarial Studies ●	077428B	93.00	36
Commerce ●	001919M	88.00	33
Commerce (International)	058736C	91.00	34
Economics ●	001920G	85.00	31
Information Systems ●	068782C	83.00	30
Engineering			
Engineering (Hons) ● ● ●	056835E	85.00	31
Civil Engineering with Architecture (Hons)	059439D	89.00	33
Computer Science ● ●	015784F/052229D/048749C	85.00	31
Food Science (Hons) ●	001881J	80.00	29
Bachelor of Engineering (Honours), Master of Biomedical Engineering ●	085911B	85.00	31
Bachelor of Engineering (Honours), Master of Engineering (Electrical)	088841J	89.00	33
Engineering (Hons)/Commerce	053195A	88.00	33
Law & Justice			
Combined Law ●	See note	92.00	35
Psychology (Honours)/Law	088835G	93.00	36
Criminology & Criminal Justice ●	038415G	75.00	26

Entry guide key

- This degree can be combined with other degrees. Refer to page 90 for double degree combinations. Admission is determined at the higher entry requirement of the two programs listed on this page.
- Includes all Law double degrees. See page 91 for a full list.
- Includes all Engineering specialisations within the Bachelor of Engineering (Honours). See pages 49 – 53 for the full list.
- Applicants may be eligible for UNSW Portfolio Entry. For more information visit unsw.to/portfolio
- Special program notes

Aviation (Flying): In addition to your UAC application, all applicants must complete the application form available from the School website at aviation.unsw.edu.au/future. Interviews and aptitude tests will be arranged with applicants after receipt of the application form. During the first year of study, all students must obtain a Class 1 medical from a designated aviation medical examiner and be assessed for ICAO English requirement for pilots. For further information, please visit aviation.unsw.edu.au/future

Law: 005947G / 005946J / 009531M / 074890D / 090701C / 015779C / 110660D / 074887K / 059028A / 070768E / 088861E / 088862D / 110674J / 080475B / 082787C / 088863C / 110672M / 088765E / 099869F / 099873K

Degree	CRICOS	INTL ATAR	INTL IB
Medicine & Health			
Exercise Physiology	068784A	78.00	28
Exercise Science/Master of Physiotherapy and Exercise Physiology	109399M	93.00	36
Applied Exercise Science/Master of Clinical Exercise Physiology	110656M	85.00	31
International Public Health	ONLINE	75.00	26
Medical Studies/Doctor of Medicine ● ●	077423G	96.00 [^]	38 [^]
Nutrition/Master of Dietetics & Food Innovation	109397B	87.00	32
Pharmaceutical Medicine/Master of Pharmacy	109398A	87.00	32
Vision Science ●	092962K	87.00	32
Bachelor of Vision Science/ Master of Clinical Optometry	092960A	97.00	39
Science			
Advanced Mathematics (Hons) ●	088843G	88.00	33
Advanced Science (Hons) ●	088842G	88.00	33
Aviation (Flying) ●	017227G	75.00	26
Aviation (Management) ●	018567B	75.00	26
Biotechnology (Hons)	088871C	75.00	26
Data Science and Decisions ●	093085J	85.00	31
Environmental Management ●	080468A	75.00	26
Life Sciences	085129B	75.00	26
Materials Science and Engineering (Hons) ●	088873A	80.00	29
Medical Science	030459E	83.00	30
Medicinal Chemistry (Hons) ●	088848B	82.00	30
Psychological Science ●	072206A	78.00	28
Psychology (Hons) ●	088874M	93.00	36
Science ●	015780K	75.00	26
Science (International)	068780E	80.00	29
Science and Business ●	077431G	80.00	29
UNSW Diploma in Architecture (Architectural Studies (3261) ●	107826E	70.00	24
UNSW Diploma in Architecture (Interior Architecture (3256) and Landscape Architecture (3381) ●	107826E	65.00	24
UNSW Diploma in Business ●	102394F	70.00	24
UNSW Diploma in Computer Science ●	102393G	70.00	24
UNSW Diploma in Engineering ●	095863M	70.00	24
UNSW Diploma in Media and Communication ●	107827A	65.00	24
UNSW Diploma in Science ●	095862A	65.00	24
UNSW Foundation Studies ●	see program notes below		

Fine Arts: Applicants must complete an audition before they can select Music specialisation. Further details are available at unsw.to/music-auditions

B Medical Studies/Doctor of Medicine: All international applicants are required to sit the International Student Admission Test (ISAT) or the University Clinical Aptitude Test for Australia and New Zealand (UCAT ANZ). Applicants must also submit an online Medicine Application Form available at apply.med.unsw.edu.au/ProspectiveStudents.nsf and attend an interview. Please read the faculty admissions information available at med.unsw.edu.au carefully.

[^]ATAR + ISAT/UCAT ANZ + Interview


UNSW Foundation Studies: UNSW Foundation Studies is a pathway for entry into all UNSW Bachelor degrees. There are a range of UNSW Foundation Studies Programs of varying durations. An assessment is made on your year 11 and 12 high school results with a minimum ATAR requirement of 45. For further information, please refer to page 103 or visit unswglobal.unsw.edu.au/foundation. Foundation Studies Programs include Transition Program (CRICOS 060623E), Standard Foundation Studies Program (CRICOS 000725G), Standard Plus Foundation Studies Program (CRICOS 019277D), Extended Foundation Studies Program (CRICOS 095626B).

UNSW Diplomas: The UNSW Diplomas Program is a pathway for entry into UNSW Bachelor degrees in Architecture, Business, Computer Science, Engineering, Media and Communication and Science. For further information, please refer to page 103 or visit unswglobal.unsw.edu.au/diplomas

What's on at UNSW



We have a busy schedule of events throughout 2022. Use the QR code to connect with us for all the information.

March	15	Medicine Info Evening
May	3 & 12 5	Year 10 Subject Selection Info Evening Law Admission Test (LAT) Info Evening
June	21 & 23	UNSW Scholarships Info Evening
July	5, 6 & 7	Year 10 Experience Days
August	21	UNSW Canberra at ADFA Open Day
 September	3	UNSW Open Day
December	16	UNSW Info Day

Campus tours

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



A letter to my Year 12 self



Jessie Xiao
Fourth-year student,
Bachelor of Arts/Law

Dear Year 12 me,

I know you're anxious about university so I'm here to reassure you that it'll all be okay!

You're going to love the freedom and independence that will come with attending uni. You'll get to pick subjects that you're passionate about, have more control than ever over your own schedule and the flexibility of UNSW will allow you to pursue work experiences for your early career development.

Be brave and go outside of your comfort zone! Attend camps and balls, audition for the dance team and sign up for that club. You'll meet lots of new people and even though you'll spend many late nights stressing over assessments together, you'll form lifelong bonds.

So, don't be nervous about uni, it's going to be a fantastic time!

Jessie

Best wishes,
Fourth-year Jessie



Read Jessie's full letter to find out where her UNSW experience is taking her next.



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



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in UNSW

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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.

COMPLIANCE: The Education Services for Overseas Students (ESOS) Act 2000 sets out the legal framework governing delivery of education to overseas students studying in Australia on a student visa. UNSW in providing education services to overseas students complies with the ESOS Framework and the National Code of Practice for Registration Authorities and Providers of Education and Training to Overseas Students 2018 (The National Code).

A description of the ESOS framework can be found at the following link:

internationaleducation.gov.au/Regulatory-Information/Pages/regulatoryinformation.aspx