UNSW SYDNEY

Domestic Undergraduate
-
Student Guide
2021

Bring your difference.

unsw.edu.au

Difference brings us together.

What's different about UNSW? Just that. Difference. We're not afraid of it. In fact, we encourage it.

We believe that when we bring original thinking, diverse perspectives and proud ambitions together, we can make a difference in the world.

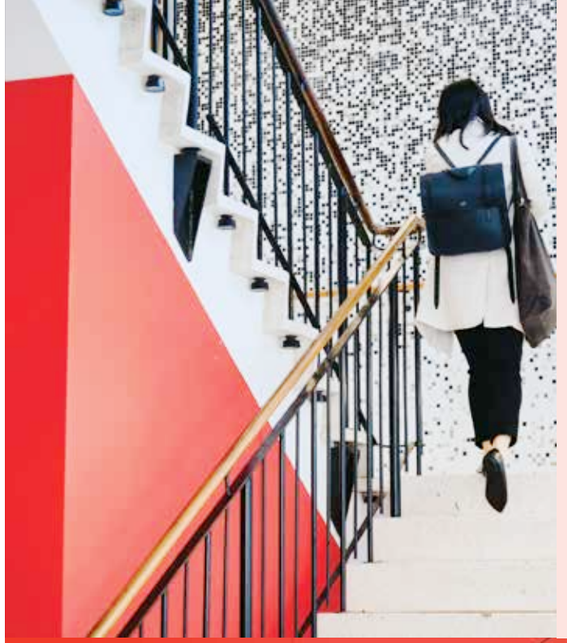
Every single UNSW student brings something unique that inspires all of us to be successful.

So don't hide your difference, bring it. We'll encourage you to use it as you learn and grow at UNSW.

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.

What's inside:



Where are you now?

There are no wrong turns.

At UNSW, we believe that university is about seeking space to discover the best version of yourself. As you prepare for your future, regardless of what you want to study, search for what inspires you to change the world for the better, in an environment where you're encouraged to explore and grow. This guide is designed to help you get started with your exploration. So dive in and see where UNSW can take you!

These people were just like you.

Every single graduate, regardless where life led them, all started where you are now—here are some you might know.

Australia's first Indigenous Law graduate, first Indigenous barrister and the first woman and Indigenous person to head an Australian government department.

Dr Patricia O'Shane AM (LLB '76, HonLLD '99)

Head of Business Technology Operations, Qantas Airways Limited

Zak Hammer (BA '00)

Paralympic Swimming Gold Medalist

Prue Watt OAM (BSc'17)

Fine Artist

Del Kathryn Barton (BFA'94)

CEO, Love Mercy Foundation

Caitlin Barrett (BInSt '12, MDS '15)

CEO, Aurecon

William Cox (BE '88)

Urban Strategy – Property, Lendlease

Annie Tennant (BArch / BE '96)

Co-founder and CEO, Airtasker

Tim Fung (BCom '06)

Member, Midnight Oil

Hon Peter Garrett AM (LLB '77, HonDLitt 99)

Filmmaker

Dr George Miller AO (MB BS '71, HonDLitt '99)

This is what we bring.

UNSW is an internationally acclaimed teaching and research powerhouse.

As the number one university in Australia for research, our knowledge is proven to make a highly positive impact on industry as well as everyday lives across economic, social and environmental issues.*

Throughout your time here, you'll be mentored by our renowned researchers and educators who are dedicated to shaping a generation of forward thinking, environmentally conscious and socially engaged individuals.

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.

Will you become a leading thinker, or a thinking leader?

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

1st in Sydney & NSW for Employer Reputation

QS Graduate Employability Rankings, 2020

Most employable graduates

Highest number of students in Australia's top 100 Most Employable list

AFR Top100 Future Leaders Awards, 2020

Young Rich Listers

UNSW educated four of the top 10 young rich listers in Australia

AFR Young Rich List, 2019

Work Integrated Learning

Connecting UNSW students with industry and community partners

Top 50

Ranked 44th university globally

QS World University Rankings, 2021

#1

Institution attended by Australian startup founders

Startup Muster, 2018

Maximum QS Five Star Plus rating for

Employability, Innovation, Research, Facilities, Inclusiveness, Teaching

QS Stars University Ratings

A Group of Eight university

UNSW is a member of the prestigious coalition of Australia's leading research-intensive universities

Top 15 Law school globally
QS World University Rankings by Subject, 2020

#1 Engineering faculty in Australia
QS World University Rankings by Subject, 2020

Top 50 Medicine faculty globally
QS World University Rankings by Subject, 2020

#1 Business school in Australia for Accounting and Finance
QS World University Rankings by Subject, 2020

Ranked 27th in the world for Architecture/Built Environment
QS World University Rankings by Subject, 2020

Top creative faculty in Australia
Art & Design, Australian Research Council, 2015

Top 50 ranking globally for five Science subjects
QS World University Rankings by Subject, 2020

Leaders in their field
UNSW Arts & Social Sciences academics include acclaimed researchers, novelists, journalists, composers and more

I chose to study a double degree because I wanted to develop a diverse skill set that gave me a competitive edge in the workforce and challenged me to think outside the box. UNSW was the only uni that offered such a specialised degree that would allow me to pursue my specific passions. In my Marketing and Public Relations studies, there have been so many moments when I knew that my classroom experience was aligning with the real-world! I've created and pitched my own ideas, it's so surreal when your assessments simulate your future dream career!

–

Cheyenne Bardos, Bachelor of Commerce/
Bachelor of Media (PR & Advertising)

If you've got ambition, bring it.

Pack as much into your UNSW experience as possible. Advantages of the three-term calendar structure as well as an extensive range of double degrees, provide opportunities to shape a flexible study plan that works for you.

Make the most out of your three terms.

The UNSW 3+ academic calendar of three 10-week teaching terms, plus an optional intensive summer term, is designed for flexibility, to give you more opportunities, less obstacles.

With the UNSW3+ calendar you can:

> Have the flexibility to spread study load over the year and to study fewer courses per term enabling deeper learning.

> Study abroad without falling behind. We're aligned to the Northern Hemisphere university calendars, so say hello to new global partners and more international opportunities.

> Incorporate Work Integrated Learning into your studies and really prepare yourself for life after study.

Double degrees. Double impact.

Double degrees are offered in every faculty. And, despite the name, double degree doesn't mean double the time or workload.

So, what does it mean?

A double degree gives you more choice, more career opportunities and more ways to expand your learning. Put simply, you can combine your ambition and your passion with a multi-disciplinary double degree, or you can go deeper into your chosen field with a cross-disciplinary double.

And if decisions aren't your strong suit, don't stress. You don't have to pick your major until your second year. That gives you more time to work out what your goals are.

Explore the different subjects that come together across UNSW's eight faculties. Turn to page 102 for a full list of degrees.

Gain an international perspective as part of your degree.

Studying abroad as part of your UNSW degree will not only enhance your time here but will give you invaluable life experience. Go immerse yourself in another culture, expose yourself to new and different perspectives, build connections with people on the other side of the world. Just go. We promise it will be nothing short of life changing.

300+ exchange partners

UNSW offers many opportunities for overseas study, short programs and interning through hundreds of leading universities and companies across Asia, North America, Europe and South America. You may be taken out of your comfort zone, but the challenges will empower you to develop greater self-awareness and cross-cultural competencies, establish global professional networks and make lasting international friendships.

Every student should apply

Experiences are as brief as a two-week study tour or as long as a year of exchange. There are even scholarships to help you get there. One of the benefits of the UNSW academic calendar is the flexibility to choose a program that is right for you. Credit is available for many of our overseas programs.

Start planning your experience at unsw.edu.au/exchange

Exchange gave me the opportunity to study, explore and live overseas. I knew that by going on exchange I would have to learn to be independent, flexible and open minded. It definitely lived up to everything I thought it would be. UNSW was an easy choice for me because initially I didn't really know what to study, but the broad double degree options available made it easier to find my degree and combine it with an overseas exchange.

–

Linda Truong, Bachelor of Science

Doing makes the thinking stronger.

Everything you learn at UNSW is designed to prepare you for the workforce. Not just today's workforce. Tomorrow's too. Career-focused educational programs are designed to prepare you for the jobs of the future within new and emerging industries, making you ready for a workforce that is ever-changing. Theoretical knowledge can only get you so far, prepare to roll up your sleeves and apply your learning to real life.

Michael Crouch Innovation Centre Markerspace

Work Integrated Learning

Gain first-hand industry experience and enhance your employability through UNSW's extensive range of Work Integrated Learning (WIL) units. These units include internships and work placements that encourage you to challenge yourself and adapt your thinking to real world problems. Get ready to build your confidence, find your career path and discover strengths you didn't know you had - all while gaining credit towards your degree.

Search opportunities at wil.unsw.edu.au

UNSW Founders Program

UNSW graduates the highest number of Australian startup founders. Why? UNSW Founders Program.

The Founders Program allows you to embed entrepreneurship into your university experience. We offer a range of programs and initiatives for students at all stages. You can simply come in to learn foundational entrepreneurial skills to take into the workplace and boost your employment opportunities. Or take part in one of our programs to build on those skills and take an idea from its very initial stages right through to launching your own startup.

Here are just some of the program's success stories:

> Over 10,000 participants in all program activities in 2019

> 237 startups supported in 2019

> 43% of our startups have female co-founders (compared to the industry average of 23%)

Got an idea? Bring it. We'll help you get it off the ground.

Start something at founders.unsw.edu.au

The entrepreneurship community that UNSW is building is world-class, which means that startups like us have better access to mentors, funding and other key resources. It would have been a much harder slog to get to where we are without the Founders team – who are legends.

–

Kurt Walkom, Bachelor of Mechanical Engineering/ Bachelor of Commerce and Co-founder of Pearler

UNSW Hero Program

Transform from a student into a leader with specialised industry workshops, innovative project work and work experience opportunities.

Get heroic at student.unsw.edu.au/hero

UNSW Kensington campus

UNSW Canberra at ADFA

UNSW Canberra at ADFA

UNSW Canberra is located at the Australian Defence Force Academy (ADFA), minutes from Canberra's Civic Centre and the Parliamentary Triangle. Students have access to outstanding industry networks and custom-built facilities, and benefit from the best university student-to-teacher ratio in Australia. The campus provides programs across a range of disciplines to those enrolled in ADFA programs, non-defence students and students supported by the Defence Civilian Undergraduate Sponsorship (DCUS) scheme.

UNSW Art & Design

This is the place to become a ground-breaking creative force. The art and design community will help you build confidence in your creativity. How? By nurturing and supporting your ideas, concepts, knowledge and practice, but above all, celebrating your diversity. The purpose-built campus in Paddington is in the heart of Sydney's cultural centre; it's walking distance to the city centre and just five kilometres from the Kensington Campus. Plus, the studios, production labs and workshops are among the best in the world, so you'll have everything you need to realise your creative potential.

Discover a world of difference.

UNSW campuses are where curious people with diverse backgrounds and experiences create an open setting for ideas, connections and community — and you're a valuable part of that mix.

UNSW Kensington Campus

This is where different minds meet. The Kensington Campus is a welcoming community that lets you be you. It's an inclusive environment where you can broaden your thinking, apply your knowledge and be exposed to diverse perspectives from your peers. Without judgement. Speak up, raise your hand and put your ambition into action. Right here. On campus you'll have access to cutting-edge teaching and research facilities that are surrounded by lively cafés, restaurants, student spaces, support services, and sporting and entertainment venues, all just minutes from Sydney's CBD. And with a new light rail connection now running, it's the perfect location to nurture your future.

UNSW Art & Design campus
Artwork by Khadimn Ali
Photography by Jessica Maurer

Take a step away from the books.

Make new friends through hundreds of clubs, societies, events and more through the prominent student organisation, Arc.

Clubs & societies

There are more than 300 unique clubs and societies that cater to every interest and hobby you can possibly imagine. Clubs are a great way to meet new people who share your quirks and passions. And if you can't find what you're looking for, you can start your own club!

Find your people at arc.unsw.edu.au/clubs

Arc

If you want incredible student experiences, you've come to the right place. UNSW's calendar is packed. All year round. Day and night. Get into the campus spirit with social events, themed weeks, movie nights, free food and more. There's plenty on offer outside the classroom, all you have to do is pick your social pace and go for it.

Keep up with events at arc.unsw.edu.au/roundhouse

Sport

Arc Sport supports more than 30 sports clubs. You can compete at a national level with one of UNSW's intervarsity teams, or just have a laugh with your mates by joining a social sport on campus.

Pull on your runners at arc.unsw.edu.au/sport

Volunteering

You can make a real difference to the UNSW local or global community through Arc's volunteering opportunities. Whether you're keen to lend a hand or your skills, we've got 30 different programs to suit every level of expertise. The personal and professional development you'll get is an added bonus and you can travel abroad to make a real difference.

Share your time at arc.unsw.edu.au/volunteering

Wellness

Arc Wellness will help teach you the importance of taking care of yourself so that you can take care of the rest of the stuff going on in your life.

Look out for Arc Wellness pop-ups around campus, from chill-out zones, yoga classes and exam preparation workshops to puppy rooms and massages. We're here to help you get through the day.

Take care of yourself at arc.unsw.edu.au/wellness

O-Week

O-Week is Arc's unforgettable way of celebrating the start of university life. Led by the effervescent Yellow Shirt volunteers, there are campus tours, heaps of activities and seemingly limitless freebies. You can get a taste of every club, check out volunteering opportunities or just hang out and meet your great new squad. Don't miss out!

Check out the fun at arc.unsw.edu.au/o-week

My number one reason for choosing UNSW was the great and supportive student community that I felt a part of as soon as I stepped foot on campus. Since I started studying, I've had so many opportunities to connect with other students through the wide variety of volunteering initiatives available. I've been involved in the Aspire program, the Stationery Reuse Centre, the Festival of Sport and the Career Leaders program to name a few. It's a great way to give back to such a great community and inspire the next pool of students to make already great programs even better!

—

Kevin Ambosta, Bachelor of Engineering (Hons)(Chemical)/Master of Biomedical Engineering

Find your place.

There is a variety of accommodation options on offer, so you can find the right place that gives you the freedom and space to be you.

Combine living and learning environments at one of UNSW's colleges or make the most of your independence in a self-catered apartment. Either way, living on campus will give you the experiences and responsibilities that help you thrive as a student and an individual.

Go on, don't just attend university. Live it.

Living on campus compared to living off campus

	UNSW owned and/or affiliated		Independent	
	UNSW Apartment	UNSW College	Share house	One bedroom
Set-up costs Bond, furniture, utility connections etc	$0	$0	$3,000	$3,700
Accommodation per week	$290 - $580	$280 - 600	$250 - $350	$470 - $650
Internet	$0	$0	$20 - $55	$20 - $55
Gas and electricity	$0	$0	$35 - $140	$35 - $140
Food (groceries and eating out)	$80 - $280	$10 - $50	$80 - $280	$80 - $280
Transport to university	$0	$0	$40 (depending on location)	$40 (depending on location)
Weekly total	$370 - 860	$290 - $650	$425 - $865	$645 - $1,165
Total annual cost	$19,240 - $44,720* 52 weeks	$12,760 - $28,600* 44 weeks	$22,100 - $44,980 52 weeks (excl. set-up)	$33,540 - $60,580 52 weeks (excl. set-up)

Living costs are indicative only and will vary based on the location, number of people you live with and the condition of the housing.

For more information, visit student.unsw.edu.au/approximate-weekly-costs and studyinaustralia.gov.au/global/live-in-australia/living-costs

* Costs will vary depending on the type of accommodation and catering offered.

Room to bloom

You can choose from single or shared rooms and apartments; fully, partially or self-catered; and there are also off-campus accommodation options.

See your new home at accommodation.unsw.edu.au

UNSW Colleges

The Kensington Colleges
Choosing to live at the Kensington Colleges is choosing to be part of the rich history and tradition of UNSW. Made up of three vibrant communities — Basser, Philip Baxter and Goldstein — as a resident you'll find a strong sense of community, a vibrant social scene, as well as academic and pastoral support. Find life-long friends at the various inter-college competitions and events.

Fig Tree Hall
One of the most diverse colleges on campus, Fig Tree Hall has students from across the world living on its premises. Fig Tree prides itself on being a multi-faith and multicultural college. It is alcohol free and offers ensuite rooms and both gender segregated and mixed floors.

UNSW Hall
Drawing students from Australia and around the world, UNSW Hall is a place to broaden your understanding in a close and active community. Enjoy the benefits of having breakfast and dinner catered and the freedom to experience lunch in one of the many cafés on campus. Regular events are complemented by academic support.

Colombo House
Colombo House is the only college that offers you the freedom to cook your own meals. You will gain independence while still being part of a strong college community with numerous events and social activities.

International House
International House is a cross-cultural college with a mix of international and domestic students, undertaking their senior undergraduate or postgraduate studies. Social, cultural and sporting activities add to the supportive environment.

UNSW Apartments

Barker Street Apartments
Located on campus overlooking the lush Village Green, most apartments are five-bedroom shared living, but there are also options for couples and families as well as accessible rooms.

High Street Apartments
Located across the road from UNSW, the High Street Apartments strike the perfect balance for students with commitments outside of study. Preference is generally given to couples and families with children.

Mulwarree Apartments
Located next to UNSW Randwick Campus and Randwick Racecourse (approximately 1.5 kilometres from UNSW), Mulwarree offers a short commute to classes but is a reasonable distance for people who want a distinct life at home.

University Terraces
Stylish, affordable and modern, the Terraces are an independent, self-sufficient style of living. Located on campus in the heart of UNSW, with bars, cafés and a supermarket right at your doorstep.

UNSW Affiliated colleges on campus

Creston College
A catered college offering a supportive and close-knit community to 25 undergraduate and postgraduate women of all denominations and nationalities, providing opportunities for students to participate in academic, cultural, social, spiritual and sporting activities.

New College
New College is a friendly and supportive community with an outstanding academic profile. With 247 young men and women residents, New College offers a vibrant social, sporting and academic culture.

New College Village
New College Village is independent living in a college environment. It is a safe, friendly, caring community where 315 postgraduate and undergraduate students from many countries experience a sense of belonging at UNSW.

Shalom College
Shalom College is a small and friendly community accepting students of all faiths and backgrounds. It enjoys a diverse and inclusive community of residents who value academic achievement and participation in both college and university life.

Warrane College
Warrane College has been a home away from home for thousands of male students since 1970. In the tradition of Oxbridge Colleges, Warrane supports the pursuit of academic excellence and all-round personal development within a community of university students, teachers and researchers.

Affiliated apartments on campus

UniLodge @ UNSW
UniLodge is a 10-minute walk from UNSW and is designed to provide a secure and comfortable living environment for UNSW Foundation Year students, UNSW undergraduates (under/over 18) and associated UNSW Institution students.

UNSW Village
UNSW Village is managed by global student accommodation specialists Campus Living Villages and offers an ideal balance between living on campus in a student community and independent living. Academic support, pastoral care and a wide range of activities and events are an essential part of life at the Village.

Start here

Study what you love.

Art & Design	Design and making, art and culture, creative technologies	p 26
Arts & Social Sciences	International cultures and societies, politics and philosophy, education, social media and news stories	p 32
Built Environment	Architecture and outdoor spaces, environmental challenges, sustainable and liveable cities, making and building	p 44
UNSW Business School	Banking and finance, leadership and social impact, entrepreneurship and startups, app and web development, business and investment	p 52
Engineering	Renewable energy, coding and computing, food and health sustainability, aerospace and future vehicles	p 60
Law	Debating, global and environmental challenges, world news and politics, human rights and activism, criminology and justice	p 72
Medicine	Health and wellbeing, medical research and diagnosis, disaster relief, exercise therapy	p 78
Science	Climate change, the universe and exploration, data and technology, experimentation and discoveries	p 84
UNSW Canberra	Defence, computing, problem solving, aerospace, technology, aviation	p 98

Start here

Study what you're good at.

Art & Design

Build confidence in your creativity. Supported by our open community, you will become ready for a thriving creative career.

By joining Australia's top creative faculty* you will develop future-proofed creative, conceptual and professional skills in an interdisciplinary environment.

Be a ground-breaking maker on our purpose-built creative campus. Experiment and realise your ideas in specialised studios and workshops alongside supportive, expert staff.

Belong to our creative world community with over 1,000 industry partners, professional experiences, and an outstanding record for producing acclaimed designers, artists and media creatives.

*UNSW is the only institution to consistently be rated well above world standard in the field of Creative Arts and Writing in the Australian Research Council's, Excellence in Research Reports.

Life at your creative campus

UNSW Art & Design is located on its own purpose-built campus in Paddington. Here, you'll become a ground-breaking maker with access to an unmatched array of studio spaces, workshops and digital production environments.

Our campus buzzes with social and cultural activity. We run a busy program of exhibitions, live performances, screenings, talks and more. You will make friends, build professional connections and broaden your horizons - all at once.

Our campus also features a network of high-quality, student-led and museum standard galleries and exhibition spaces. This network is a platform for major national and international exhibitions, a learning resource, and an incubator for your own projects.

Get professional skills and experience

As part of your degree, you will learn the professional skills needed to thrive in a rapidly changing world. You will have the opportunity to complete a Professional Experience Project developing your professional CV and creative portfolio. You will join one of over 1,000 partners from the creative industries, gaining real workplace experience and networks before graduation.

Make your experience global

With more than 300 partner institutions across the world, the international opportunities at your fingertips are unmatched. Choose to go abroad with up to a year on exchange, short courses, field trips, residencies and internships. You'll graduate prepared for a career in the global creative industries.

Launch your creative career

Our graduates succeed. Many are making contributions to the world's most admired creative and innovative enterprises. Others are imagining new possibilities, building their own brands, creating startups, disrupting the status quo and designing the future.

Art & Design Portfolio Entry

At UNSW Art & Design, we look for creative talent. You are invited to demonstrate your creative potential by preparing and submitting a portfolio of art, design, media or written work in addition to your UAC application.

While some students are admitted based on their academic performance alone, submitting a portfolio can boost your chances of admission.

Submitting your portfolio is an easy online process.

› For further information and key dates, visit `artdesign.unsw.edu.au/portfolio-entry`

Bachelor of **Design**

Program code 4822
Duration 3 years
(+ 1 year Honours option)
2020 lowest selection rank[1] 80.00
2020 lowest ATAR[2] 70.00
2021 GE rank[3] 80.00
Assumed knowledge None

Structure

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

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

Studio specialisations

Choose two of the following disciplines to specialise in:

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

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

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

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

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

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

Career opportunities

Graphics, media, interaction and digital design, communications, branding and advertising, user experience design, design management, consulting and strategy, social innovation and entrepreneurship, app development, data visualisation and immersive design, design and media studios, object, furniture and lighting design, film, television, and digital production, design for exhibitions, stage and events, design teaching and academia, jewellery design, packaging, illustration and publishing, textile, fashion and costume design.

Double degree options:

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

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

–
Forough Najarbehbahani,
Bachelor of Design

Bachelor of **Media Arts**

Program code 4813
Duration 3 years
(+ 1 year Honours option)
2020 lowest selection rank[1] 80.00
2020 lowest ATAR[2] 71.50
2021 GE rank[3] 80.00
Assumed knowledge None

Structure

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

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

Studio specialisations

Choose two of the following disciplines to specialise in:

Animation | Develop skills and knowledge across contemporary animation processes.

Visual Effects | Explore contemporary potentials of animated media from visual effects to motion capture and encoded media.

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

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

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

Career opportunities

Animation design and production, video, online and mobile media, interaction, user experience and related environments, game development and production, digital publishing, advertising and communications, digital strategy, film, television, online and mobile production, multi-platform media development and production, production management and development, sound design, composition and production, scientific imaging and visualisation, media strategy and planning, entrepreneurship, innovation and media startups.

Double degree options:

- Computer Science
- Education (Secondary)

Bachelor of **Fine Arts**

Program code 4821
Duration 3 years
(+ 1 year Honours option)
2020 lowest selection rank[1] 80.00
2020 lowest ATAR[2] 73.80
2021 GE rank[3] 80.00
Assumed knowledge None

The Bachelor of Fine Arts enables you to develop your creative skills and knowledge. Taught by our internationally-recognised staff of artists and scholars, you will be able to develop your independent artistic practice in a rigorous and supportive community of artists and thinkers.

Two distinct majors are available allowing you to focus on Studio Practice or Art Theory.

Double degree options:

- Advanced Science (Hons)
- Arts
- Commerce
- Education (Secondary)
- Law
- Science

Studio Practice Major

Structure

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

Studio specialisations

Choose two of the following disciplines to specialise in:

Drawing | Learn the formal, material and conceptual possibilities of contemporary drawing practice.

Painting | Engage with painting as a formal, material and conceptual practice.

Printmaking | Gain diverse technical skills across etching, lithography, relief-printing, screen-printing and digital imaging.

Photography | Develop diverse and transferable photographic skills across digital and analogue processes.

Sculpture | Engage with sculptural, spatial and social possibilities of contemporary art.

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

Career opportunities

Contemporary art practice including commercial gallery representation, public funding and commissioned work, art direction and advertising, arts and cultural administration and policymaking, arts education and training, arts writing, publishing and criticism, commercial and news photography, curating and artistic program management in galleries, museums, festivals and public spaces, exhibition planning, design and installation, entertainment, digital media and technology industries, theatre, film and television production, site activation and public art.

Art Theory Major

Structure

Core Studio (6 courses)
+
Art Theory Major (10 courses)
+
Elective & General Education
(8 courses)

Study themes

- Art and Embodiment
- Art and Institutions
- Art, Media and Technology
- Local and Global Art

Career opportunities

Arts and cultural management, policymaking and administration, galleries, libraries, archives and museums, creative direction, planning and production, art and design criticism, communications and journalism, cultural and creative research and scholarship, multi-platform publishing and distribution, curatorship, festival, event and museum management, design thinking and management, public programming and engagement, entrepreneurship, strategy, creative social enterprise and startups.

Art & Design **double degrees**

Degree	Duration	2020 lowest selection rank[1]	2020 lowest ATAR[2]	2021 GE rank[3]
Design/Media (PR & Advertising)	4.7 years	84.00	75.20	84.00
Fine Arts/Arts	4 years	80.00	73.50	80.00

To see a list of all UNSW double degrees, turn to page 104.

Arts & Social Sciences

Welcome to a supportive, diverse community where you can follow your passion and build the future career you want. The knowledge, innovative spirit and hands-on experiences of an Arts & Social Sciences education at UNSW is a distinct combination that will set you up for life. You'll learn to navigate the complexities of today's world and be adequately equipped to find solutions to problems – even those we don't yet know exist.

Choose from 35 diverse study areas and 49 single and double degree options which enable you to broaden your perspective and gain powerful intellectual and vocational knowledge.

Build transferable, career-focused skills that equip you to engage with big issues and complex challenges and make a genuine impact in the world.

Channel your passion into action by taking advantage of initiatives including Work Integrated Learning and Career Ready Mentoring programs.

Discover how you can ignite your passion and find a career you love, with the UNSW Arts & Social Sciences Career Match-making Game. Visit unsw.to/careermatch

Work Integrated Learning

Take a hands-on approach to learning throughout your degree. Work Integrated Learning opportunities allow you to get industry experience while studying, equipping you with valuable real-world experience and practical skills to kickstart your career.

All Arts & Social Sciences students are encouraged to undertake Work Integrated Learning as part of their degree. Whether you are a Media student looking to intern as a publicist at the Sydney Writers' Festival, or a Criminology student seeking a placement at Correctional Services NSW, there is a dedicated Work Integrated Learning team who can help you get the most out of your industry experience.

Make your internship work for you

Realise your full potential and land your dream internship. There is a diverse range of placement opportunities that will expose you to different political, social and cultural experiences in local, regional and international contexts. From elective internships at Child Fund in Cambodia and the Citizens Constitutional Forum in Fiji, to embedded Social Work placements at Westmead, St Vincent's and The Mater Hospital – put your classroom theory into practice.

Career Ready Mentoring Program

Take advantage of our Career Ready Mentoring Program and connect with industry experts to develop valuable networks and expand your knowledge on the breadth of career paths you can pursue. The program connects current students in their final year with leading industry professionals to provide support and career development during the transition from study to work. Learn important career skills such as interview techniques, communication and relationship building.

Choose your global adventure

Whether it be a year on exchange, an overseas elective for credit or an internship abroad, an international experience will prepare you for a career in the global market by challenging your skills in cross-cultural communication and furthering your worldwide networks.

Our Bachelor of International Studies includes a one-year Overseas Study Program where you can dive headfirst into the local language and customs. All Arts & Social Sciences students can undertake the Global Change Internship or take advantage of one of our cross Faculty international opportunities such as attending the Paris Peace Forum or the National University of Singapore's summer FASStrack program.

Hands-on learning

Are you a budding author, an aspiring journalist or just love to write? UNSW Arts & Social Sciences is home to Newsworthy, an online publication that features writing, audio and video produced by our students. Develop your publishing skills in a dynamic digital environment and build your professional portfolio. In addition to Newsworthy, there are opportunities to have your work published in other UNSW student publications such as Tharunka, Blitz and Poltiq.

Contemporary student spaces

Experience a world class teaching and learning environment. The Esme Timbery Creative Practice Lab is a brand-new multi-arts production hub which houses two performance spaces, dressing rooms, workshops, storage space and offices to support the study of performance, media and cross disciplinary arts. The building is named in honour of renowned Indigenous artist and Bidjigal elder, Esme Timbery.

Harness technology

To succeed in today's workplace, we understand that our students need to be able to leverage the latest technologies within their chosen industry. You will gain hands-on experience with current technologies, sophisticated software and state-of-the-art equipment. Use one of our new 360 cameras to develop a virtual reality documentary in our Media programs, reflect on your classroom participation using Swivl video technology in our Social Work and Education programs or explore how language is used with our eye tracking equipment in the Language Processing Research Lab.

Bachelor of **Arts**

Program code 3409
Duration 3 years (+ 1 year Honours option)
2020 lowest selection rank[1] 80.00
2020 lowest ATAR[2] 70.25
2021 GE rank[3] 80.00
Assumed knowledge None

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

Structure

Major
+
Major
+
Electives

OR

Major
+
Minor
+
Electives

Majors*

- Asian Studies
- Chinese Studies
- Creative Writing
- Criminology
- Economics (Business)
- English
- Environmental Humanities
- European Studies
- Film Studies
- French Studies
- Geographical Studies
- German Studies
- Global Development
- History
- Human Resource Management (Business)
- Indigenous Studies (Nura Gili)
- International Business (Business)
- Japanese Studies
- Korean Studies
- Linguistics
- Media, Culture and Technology
- Music Studies
- Philosophy
- Politics and International Relations
- Spanish and Latin American Studies
- Sociology and Anthropology
- Studies in Psychology (Science)
- Theatre and Performance Studies

**Also available as minors*

Minors

- Art History and Theory
- Australian Studies
- Geographical Studies
- Indonesian Studies
- Italian Studies
- Modern Greek Studies
- Psychology (Science)
- Women's and Gender Studies

Career opportunities

As an Arts student you will develop sought after skills, ensuring your adaptability in today's fast-paced world. Our graduates can be found all over the globe in a range of industries including diplomacy, social justice, publishing, international affairs, media, politics, business and entrepreneurship, the arts and creative industries, education, journalism, university and public administration, advocacy and campaign strategy, research and academia.

Double degree options:

- Advanced Mathematics (Hons)
- Advanced Science (Hons)
- Commerce
- Computer Science
- Economics
- Education (Secondary)
- Engineering (Hons)
- Environmental Management
- Fine Arts
- Law
- Media (Communication & Journalism)
- Media (PR & Advertising)
- Media (Screen & Sound Production)
- Medical Studies/ Doctor of Medicine
- Music
- Science
- Social Work (Hons)

Bachelor of **Arts and Business**

Program code 3444
Duration 3 years (+1 year Honours option)
2020 lowest selection rank[1] 90.00
2020 lowest ATAR[2] 80.20
2021 GE rank[3] 90.00
Assumed knowledge Mathematics Advanced

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

Structure

Major
+
Business Component
+
Minor
+
Electives

Majors*

- Asian Studies
- Chinese Studies
- Creative Writing
- Criminology
- English
- Environmental Humanities
- European Studies
- Film Studies
- French Studies
- German Studies
- Global Development
- History
- Indigenous Studies (Nura Gili)
- Japanese Studies
- Korean Studies
- Linguistics
- Media, Culture and Technology
- Music Studies
- Philosophy
- Politics and International Relations
- Sociology and Anthropology
- Spanish and Latin American Studies
- Theatre and Performance Studies

**Also available as minors*

Minors

- Art History and Theory
- Australian Studies
- Geographical Studies
- Indonesian Studies
- Italian Studies
- Modern Greek Studies
- Psychology (Science)
- Women's and Gender Studies

Business component*

- Accounting and Financial Management 1A
- Business and the Law
- Managing Organisations and People
- Marketing Fundamentals
- Microeconomics

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

Career opportunities

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

Double degree options:

- Law

Bachelor of **Criminology and Criminal Justice**

Program code 3422
Duration 3 years (+ 1 year Honours option)
2020 lowest selection rank[1] 82.00
2020 lowest ATAR[2] 73.60
2021 GE rank[3] 82.00
Assumed knowledge None

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

Structure

Criminology Core and Electives
+
Social Science Core
+
Electives

Majors

- Criminology
- Social Science

Career opportunities

Our Criminology program combines knowledge with real-world practice so you are equipped for a career in the criminal justice sector, including work with federal and state police, prisons and probation, or working as a policy analyst in research. Our graduates can be found in diverse roles across policing, corrections, national security, intelligence, crime prevention, insurance and customs.

Double degree options:

- Law
- Social Work (Hons)

Bachelor of **Education**

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

NSW education students are required to pass the Literacy and Numeracy Test for Initial Teacher Education Students (LANTITE) prior to commencing their first in-school placement.

Visit educationstandards.nsw.edu.au

Career opportunities

Our Bachelor of Education is nationally accredited by the NSW Education Standards Authority (NESA), which allows you to teach for both government and non-government secondary schools. Our graduates are widely accepted as exemplary teachers throughout Australia as well as internationally.

Professional accreditation

This degree is professionally recognised.

Structure

Education Core
+
Teaching Specialisation/Methods
+
Professional Experience (Placements)
+
Double Degree

Bachelor of Arts/ Bachelor of Education (Secondary)

Program code 4053
Duration 4 years (+ Honours options)
2020 lowest selection rank[1] 80.00
2020 lowest ATAR[2] 70.10
2021 GE rank[3] 80.00
Assumed knowledge Band 5 or higher in any HSC English course or the equivalent

Teaching specialisations

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

Bachelor of Commerce/ Bachelor of Education (Secondary)

Program code 3462
Duration 4 years (+ Honours options)
2020 lowest selection rank[1] 95.00
2020 lowest ATAR[2] 90.10
2021 GE rank[3] 96.00
Assumed knowledge Band 5 or higher in any HSC English course or the equivalent; Mathematics Advanced

Teaching specialisations

- Business Studies
- Economics

Bachelor of **Education (continued)**

Bachelor of Design/ Bachelor of Education (Secondary)

Program code 4066

Duration 4 years
(+ Honours options)

2020 lowest selection rank[1]
80.00

2020 lowest ATAR[2] 70.00

2021 GE rank[3] 80.00

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

Teaching specialisations
- Graphics and Multimedia Technology
- Visual Arts

Bachelor of Fine Arts/ Bachelor of Education (Secondary)

Program code 4063

Duration 4 years
(+ Honours options)

2020 lowest selection rank[1]
80.00

2020 lowest ATAR[2] 71.60

2021 GE rank[3] 80.00

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

Teaching specialisations
- Visual Arts

Bachelor of Economics/ Bachelor of Education (Secondary)

Program code 4058

Duration 4 years
(+ Honours options)

2020 lowest selection rank[1]
93.00

2020 lowest ATAR[2] 85.05

2021 GE rank[3] 93.00

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

Teaching specialisations
- Business Studies
- Economics

Bachelor of Media Arts/ Bachelor of Education (Secondary)

Program code 4064

Duration 4 years
(+ Honours options)

2020 lowest selection rank[1]
80.00

2020 lowest ATAR[2] <5 offers

2021 GE rank[3] 80.00

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

Teaching specialisations
- Graphics and Multimedia Technology
- Visual Arts

Bachelor of Music/ Bachelor of Education (Secondary)

Program code 3446

Duration 5 years
(+ Honours options)

2020 lowest selection rank[1]
80.00 + audition

2020 lowest ATAR[2] 76.55

2021 GE rank[3] 80.00 + audition

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

Teaching specialisations
- Music

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

Bachelor of Science/ Bachelor of Education (Secondary)

Program code 4076

Duration 4 years
(+ Honours option)

2020 lowest selection rank[1]
85.00

2020 lowest ATAR[2] 76.15

2021 GE rank[3] 85.00

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

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

Bachelor of **International Studies**

Program code 3447

Duration 4 years

2020 lowest selection rank[1]
89.00

2020 lowest ATAR[2] 80.70

2021 GE rank[3] 90.00

Assumed knowledge None

Structure
International Studies Core
+
Electives
+
Language Studies Core
+
Minor
+
Overseas Study Program

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

Majors
- International Studies
- Language Studies

Language studies
Your choice of language stream:
- Chinese
- French
- German
- Greek
- Indonesian
- Italian
- Japanese
- Korean
- Spanish

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

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

Minors
Your choice of minor:
- Asian Studies
- Chinese Studies
- Environmental Humanities
- European Studies
- French Studies
- German Studies
- Global Development
- International Business
- Japanese Studies
- Korean Studies
- Politics and International Relations
- Sociology and Anthropology
- Spanish and Latin American Studies

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

Double degree options:
- Law
- Media (Communication & Journalism)
- Media (PR & Advertising)
- Media (Screen & Sound Production)

Bachelor of **Media**

Communication and Journalism

Program code 3454

Duration 3 years
(+ 1 year Honours option)

2020 lowest selection rank[1] 84.00

2020 lowest ATAR[2] 76.25

2021 GE rank[3] 84.00

Assumed knowledge None

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

Career opportunities

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

Majors

- Media
- Communication
- Journalism

Double degree options:

- Arts
- International Studies
- Law
- Music

Public Relations and Advertising

Program code 3453

Duration 3 years
(+ 1 year Honours option)

2020 lowest selection rank[1] 84.00

2020 lowest ATAR[2] 76.70

2021 GE rank[3] 84.00

Assumed knowledge None

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

Career opportunities

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

Majors

- Media
- Advertising
- Public Relations

Double degree options:

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

Screen and Sound Production

Program code 3438

Duration 3 years
(+ 1 year Honours option)

2020 lowest selection rank[1] 84.00

2020 lowest ATAR[2] 76.00

2021 GE rank[3] 84.00

Assumed knowledge None

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

Career opportunities

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

Majors

- Media
- Screen and Sound Production
- Film Studies

Double degree options:

- Arts
- International Studies
- Law
- Music

Structure

Media Core + Specialist Core* + Free Electives or Arts & Social Sciences Minor + Internship/Portfolio
*depending on which media degree you study

Before starting uni I was looking at future careers, and the world of media seemed the right choice for me. To study something that reflects the times but also reflects my passions – to engage, observe and write about events and people's experiences. A Bachelor of Media in Communication and Journalism was the right fit for me. I was influenced by those who had studied there before me and had only heard great things about UNSW. I completed a media internship at the Sydney Writers' Festival last year, which encouraged me to start sending articles back home to my local paper - they were published too! My internship paid off, I will be starting a Publicist position at the Sydney Writers' Festival in February 2020.
–
Claire Keenan, Bachelor of Media (Communication and Journalism)

Bachelor of **Music**

Program code 3436

Duration 4 years (embedded Honours option)

2020 lowest selection rank[1] 80.00 + audition

2020 lowest ATAR[2] 79.60

2021 GE rank[3] 80.00 + Audition

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

Structure

Music Core
+
Professional Practice (Performance)
+
Music Specialist Stream
+
Electives

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

Music streams

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

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

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

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

Career opportunities

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

Double degree options:

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

Admission

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

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

Bachelor of **Politics, Philosophy and Economics**

Program code 3478

Duration 3 years
(+ 1 year Honours option)

2020 lowest selection rank[1] 96.00

2020 lowest ATAR[2] 87.45

2021 GE rank[3] 96.00

Assumed knowledge
Mathematics Advanced

Structure

Politics, Philosophy & Economics Core Courses
+
Prescribed Elective Courses
+
Free Electives

This degree draws together the perspectives of three critical yet varied academic disciplines that will prepare you to effect global, social change. UNSW is the only university in Sydney and one of a handful in Australia to offer this exciting degree that examines current global concerns. As a student, you will be taught by leading experts from UNSW Arts & Social Sciences and UNSW Business School, and make valuable local, regional and global contacts through hands-on learning opportunities.

Majors

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

Career opportunities

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

Double degree options:

- Law

Bachelor of **Social Science**

Program code 3321

Duration 3 years
(+ 1 year Honours option)

2020 lowest selection rank[1] N/A

2020 lowest ATAR[2] N/A

2021 GE rank[3] 80.00

Assumed knowledge None

Structure

Major
+
Social Science Core
+
Electives

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

Majors

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

Career opportunities

Social science skills can be applied in a range of settings – government, non-government, not-for-profit, social enterprise and collectives. Our graduates are highly successful in gaining employment in diverse roles and areas such as community development, health, the environment, research and policy analysis, political advising, organisational management, marketing and market research, corporate affairs management and private consulting.

Double degree options:

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

Bachelor of **Social Work (Honours)**

Program code 4033

Duration 4 years

2020 lowest selection rank[1] 80.00

2020 lowest ATAR[2] 71.55

2021 GE rank[3] 80.00

Assumed knowledge None

Structure

Social Work Core
+
Electives
+
Field Placement
+
Honours Stream

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

Majors

- Social Work

Career opportunities

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

Professionally recognised

This degree is professionally recognised. Graduates of this degree are eligible for membership of the Australian Association of Social Workers.

Pathways from TAFE NSW

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

Double degree options:

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

Arts & Social Sciences **double degrees**

Degree	Duration	2020 lowest selection rank[1]	2020 lowest ATAR[2]	2021 GE rank[3]
Arts/Education (Secondary)	4 years	80.00	70.10	80.00
Commerce/Education (Secondary)	4 years	95.00	90.10	96.00
Design/Education (Secondary)	4.7 years	80.00	70.00	80.00
Economics/Education (Secondary)	4 years	93.00	85.05	93.00
Fine Arts/Education (Secondary)	4 years	80.00	71.60	80.00
International Studies/Media (Communication & Journalism)	5 years	89.00	79.15	90.00
International Studies/Media (PR & Advertising)	5 years	89.00	81.00	90.00
International Studies/Media (Screen & Sound Production)	5 years	89.00	80.35	90.00
Media (Communication & Journalism)/ Arts	4 years	84.00	74.55	84.00
Media (PR & Advertising)/Arts	4 years	84.00	78.85	84.00
Media (Screen & Sound Production)/Arts	4 years	84.00	75.30	84.00
Media Arts/Education (Secondary)	4 years	80.00	<5 offers	80.00
Music/Arts*	5 years	80.00 + Audition	73.45	80.00 + Audition
Music/Commerce*	5 years	95.00 + Audition	<5 offers	96.00 + Audition
Music/Education (Secondary)*	5 years	80.00 + Audition	76.55	80.00 + Audition
Music/Engineering (Hons)*	6.7 years	93.00 + Audition	<5 offers	93.00 + Audition
Music/Media (Communication & Journalism)*	5 years	84.00 + Audition	<5 offers	84.00 + Audition
Music/Media (PR & Advertising)*	5 years	84.00 + Audition	N/A	84.00 + Audition
Music/Media (Screen & Sound Production)*	5 years	84.00 + Audition	<5 offers	84.00 + Audition
Music/Science*	5 years	85.00 + Audition	85.30	85.00 + Audition
Music/Advanced Science (Hons)*	6 years	95.00 + Audition	<5 offers	95.00 + Audition
Science/Education (Secondary)	4 years	85.00	76.15	85.00
Social Work (Hons)/Arts	5.7 years	80.00	73.35	80.00
Social Work (Hons)/Social Science	5.7 years	N/A	N/A	80.00
Social Work (Hons)/Criminology & Criminal Justice	5 years	82.00	74.30	82.00

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

To see a list of all UNSW double degrees, turn to page 104.

Built Environment

Transform your passion into purpose through design and learn to shape urban environments for the benefit of people and the planet. Develop skills through practice-based, interdisciplinary learning that emphasises holistic design from the room to the region.

Access purpose-built design labs and strong industry connections that will equip you with the skills and mentoring needed to positively shape the built environment.

Make your positive impact on the wellbeing of people and the planet. Shape future cities that are resilient, informed, connected, healthy, smart, liveable and inclusive.

Programs intertwine practice and theory across all disciplines of the built environment, giving you collaborative opportunities with students from different areas to gain more diverse project skills.

Career connections

Build connections with industry, expand your networks and advance your career through mentoring, professional placements and design studios with our industry and alumni partners.

Through interdisciplinary education, cross faculty initiatives, internships, Work Integrated Learning, mentoring, online courses, flexible pathways, internationalised programs and research projects, you will shape your own path to a global career.

Global perspective

Develop a global perspective by taking part in international studios, workshops and placements in Australia and across the globe.

Throughout your studies, you will have the opportunity to take part in overseas projects, attend lectures delivered by internationally renowned academics and practitioners, and create your own global network with your peers.

Real-world practice

You will interact across the built environment disciplines - collaboration is key to career development, employability and responding to urban challenges.

Career-ready Mentoring Program

The Career-ready Mentoring Program connects students in their final year of study with established alumni and industry professionals, providing practical support and a significant opportunity to focus on career development during the transition from study to work.

Design Futures Labs

The Design Futures Labs inspire exploration, innovation and research into fabrication, emerging technologies and design theories, equipping students with the knowledge and skills to develop projects from early concept design to resolution.

Work Integrated Learning

Professional placements, practicums and embedded industry learning experiences will be a valuable part of your study.

Industry exposure

Attend public lectures, exhibit your work and take advantage of the diverse alumni network.

Built Environment Portfolio Entry

At Built Environment we recognise your creative potential. With BE Portfolio Entry, you can submit a portfolio of your best creative work which showcases your talent. While some students are admitted based on their academic performance alone, submitting a portfolio can boost your chances of admission.

Any student with a preference for any of the following UNSW degrees can submit a portfolio:

- Bachelor of Architectural Studies
- Bachelor of Computational Design
- Bachelor of Industrial Design
- Bachelor of Interior Architecture
- Bachelor of Landscape Architecture

To be considered for entry, identify one (or more) of these degrees as a UAC preference before submitting your portfolio.

Submitting your portfolio is an easy online process. Visit the BE Portfolio Entry webpage for more information unsw.to/beportfolioentry

Bachelor of **Architectural Studies**

Program code 3261

Duration 3 years (+ 1 year Honours option)

2020 lowest selection rank[1] 95.00

2020 lowest ATAR[2] 87.90

2021 GE rank[3] 95.00

Assumed knowledge None

This degree prepares you for a professional career in architecture and other design-based industries. You will learn to design buildings and their settings to meet individual and community needs, taking sustainability, culture and economy into account. Together with the Master of Architecture, this is your launchpad into contemporary design practice.

Structure

11 Core Courses
+
6 Design studio Courses
+
2 Interdisciplinary Courses - working with students from other disciplines
+
2 Open Elective Courses (from within UNSW Built Environment OR other faculties at UNSW)
+
2 General Education Courses (from other faculties at UNSW)

Career opportunities

This degree will lead to a range of design and architecture career opportunities. Upon completion of an accredited Masters degree, career opportunities include Consulting Architect in private practice, Specialist Architect in areas such as heritage, Building Scientist, Environmental Consultant, Architect in multidisciplinary design practice, Architect in a government department or large commercial architectural firm, Architectural Critic, Academic and Researcher.

Study areas

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

Professional accreditation

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

UNSW-Tongji Double Degree in Architecture

Program code 3264

Duration 4 years

2020 lowest selection rank[1] ATAR + portfolio + interview

2020 lowest ATAR[2] N/A

2021 GE rank[3] N/A

Assumed knowledge None

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

Structure

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

Career opportunities

This degree prepares you for work in both China and Australia. Upon completion of an accredited masters, you will be career-ready to pursue careers as a Consulting Architect in a private practice, Specialist architect, Building Scientists, Architect in multidisciplinary design practice, Architect in government or in a large commercial practice architectural firm.

Study areas

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

Professional accreditation

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

Entry

Students commence this double degree at Tongji University. The Tongji academic year commences in September.

For more information on Tongji Double Degree entry see be.unsw.edu.au/tongji

Bachelor of **City Planning (Honours)**

Program code 3362

Duration 4 years (includes practice year)

2020 lowest selection rank[1] 80.00

2020 lowest ATAR[2] 71.15

2021 GE rank[3] 84.00

Assumed knowledge None

Learn to shape sustainable, equitable, healthy and inspiring built environments with the Bachelor of City Planning (Honours). From theoretical work around contemporary planning issues to Work Integrated Learning with many city, state and international partners, this program provides you with the necessary foundations for a career as a City Planner.

Structure

16 Core Courses
+
5 Practice Courses (Work Integrated Learning)
+
2 Interdisciplinary Courses - working with students from other disciplines
+
3 Elective Courses (from within the degree)
+
2 General Education Courses (from other faculties at UNSW)
+
1 Thesis Course

Career opportunities

You could pursue a career as a City Planner, Strategic Planner, Environmental Planner, Land use Planner, Urban Policy and Research Consultant, Urban Consultant or Development Assessment Planner. You may also become a specialist in planning law if you study City Planning (Honours) Laws degree.

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 **Computational Design**

Program code 3268

Duration 3 years (+ 1 year Honours option)

2020 lowest selection rank[1] 80.00

2020 lowest ATAR[2] 74.95

2021 GE rank[3] 80.00

Assumed knowledge None

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

Structure

18 Core Courses
+
1 Prescribed Elective
+
2 Interdisciplinary Courses - working with students from other disciplines on real projects
+
2 General Education Courses (from other faculties at UNSW)
+
1 Open Elective Course (from within UNSW Built Environment OR other faculties at UNSW)

Career opportunities

Architectural & Urban Design Specialist, Digital Optimisation Consultant (architecture/engineering firms), Software Solutions Developer, Design/ Production Manager (construction firms), Smart Cities Consultant (planning offices & Councils), Urban Data Analyst (business consultancy firms), Design Technology Manager (architecture design firms), Digital Fabrication and Smart Manufacturing Specialist, Animation Professional, Gaming Environment Developer, Building Information Model Implementer (BIM).

Study areas

- Animation
- Building Modelling
- Computer Aided Design (CAD)
- Design Studio
- Information Technology in Design
- Multimedia
- Rendering

Bachelor of **Construction Management and Property**

Program code 3332

Duration 3 years
(+ 1 year Honours option)

2020 lowest selection rank[1] 80.00

2020 lowest ATAR[2] 70.05

2021 GE rank[3] 85.00

Assumed knowledge None

Structure

20 Core Courses
+
2 Interdisciplinary Courses - working with students from other disciplines
+
2 General Education Courses (from other faculties at UNSW)

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

Career opportunities

Construction Manager, Project Manager, Site Manager, Property Developer, Property Valuation, Property and Asset Manager or Analyst, Quantity Surveyor, Estimator, Construction Planner, Construction Consultant, Specialised Legal Advisor, Corporate Real Estate Advisor.

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 Building (AIB), The Australian Institute of Quantity Surveyors (AIQS) and The Royal Institution of Chartered Surveyors (RICS).

I chose the Bachelor of Construction Management and Property program as it balances a mix of project management, business and engineering. 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. The BCMP program is tailored to meet the market need and my subjects have catered to current industry developments. While studying I attained a cadetship in the construction industry, it was a real light bulb moment when I was able to bring classroom concepts to work, and use them to make sense of real life situations!

–

Hamza Arshi
Bachelor of Construction Management and Property

Bachelor of **Industrial Design**

Program code 3387

Duration 3 years
(+ 1 year Honours option)

2020 lowest selection rank[1] 80.00

2020 lowest ATAR[2] 71.60

2021 GE rank[3] 80.00

Assumed knowledge None

Structure

10 Core Courses
+
8 Design studio Courses
+
2 Interdisciplinary Courses - working with students from other disciplines
+
2 Open Elective Course (from within UNSW Built Environment OR other faculties at UNSW)
+
2 General Education Courses (from other faculties at UNSW)
+
2 Elective Courses (from UNSW Built Environment)

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

Career opportunities

Product Designer within a multi-disciplinary design team (architectural and engineering consultancies), Product Designer within the manufacturing sector (consumer and public access products electrical, transport, scientific, medical, retail, furniture, telecommunications), Digital Multimedia Designer, Product Branding Marketer, Packaging Designer, Exhibition Designer, Graphic Designer, Service and Strategic Designer.

Study areas

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

Professional accreditation

Graduates of the Bachelor of Industrial Design are eligible for membership of the Design Institute of Australia (DIA).

Bachelor of **Interior Architecture (Honours)**

Program code 3256

Duration 4 years

2020 lowest selection rank[1] 80.00

2020 lowest ATAR[2] 70.25

2021 GE rank[3] 80.00

Assumed knowledge None

Structure

13 Core Courses
+
8 Practice studio Courses
+
2 Interdisciplinary Courses - working with students from other disciplines on real projects
+
2 Open Elective Course (from within UNSW Built Environment OR other faculties at UNSW)
+
2 General Education Courses (from other faculties at UNSW)
+
2 Elective Courses (from UNSW Built Environment)

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

Career opportunities

Professional Designer in architecture and design practices, Private Consultant, specialising in residential, retail, workplace, commercial or hospitality, Corporate Interior Designer specialising in multi-storey residential, retail, hospitality, medical, hotel or exhibition design, your own interior architecture or design practice, Project Manager, Construction Manager.

Study areas

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

Professional accreditation

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

Bachelor of **Landscape Architecture (Honours)**

Program code 3381

Duration 4 years

2020 lowest selection rank[1] 80.00

2020 lowest ATAR[2] 70.40

2021 GE rank[3] 80.00

Assumed knowledge None

Structure

13 Core Courses
+
10 Landscape studio Courses
+
2 Interdisciplinary Courses - working with students from other disciplines on real projects
+
2 Open Elective Course OR
2 Thesis development Courses
+
2 General Education Courses (from other faculties at UNSW)
+
1 Elective Course (from within the degree)

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

Career opportunities

Landscape Architect in private practice, Landscape Technical Officer, Project Manager or Strategic Planner in local or state government, Landscape Planning and Management Specialist, Designer with a landscape construction company.

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).

Built Environment **double degrees**

Degree	Duration	2020 lowest selection rank[1]	2020 lowest ATAR[2]	2021 GE rank[3]
Architecture (UNSW-Tongji)	4 years	ATAR + portfolio + interview	N/A	N/A

To see a list of all UNSW double degrees, turn to page 104.

UNSW Business School

Drive purposeful change to shape a better future. Equip yourself with a career focused education for long term success and thrive as an adaptive thinker in a fast changing world.

Broaden your expertise and become one of the most employable graduates in Australia. UNSW offers Australia's largest range of business majors, a career-focused approach and flexible double degrees. There's opportunity to complete internships, global business and consultancy projects, and social entrepreneurship practicums during your degree.

Belong to a connected cohort with opportunities to expand your network socially and professionally. Discover a rich and diverse student life, unique to UNSW, through both Business and general interest focused clubs and societies.

Learn from leading academics and business experts at a business school with top rankings in Australia across Accounting, Finance, Actuarial Studies and Information Systems.*

*QS Subject Rankings, 2020, Association for Information Systems Research Rankings 2015 - 2017, University of Nebraska at Lincoln Global Research Rankings of Actuarial Science and Risk Management & Insurance, 2019.

Join the club

Life at UNSW Business School is about more than lectures and tutorials. With formally affiliated business clubs and societies, you'll have the opportunity to engage with a wide range of students interested in and passionate about the same things as you. Clubs and societies hold regular industry nights, lecture review sessions and a range of social and professional networking events. UNSW Business Society (BSOC) is the largest society on campus and holds over 75 events a year, including first year camp and mentoring to help you settle in from the get-go.

Career Accelerator

Our unique degrees combine an extensive in-class education with a range of professional learning opportunities, exclusive to UNSW Business School. These Career Accelerator experiences are designed to make you a well-rounded graduate, ready to take the business world by storm.

Internships
Get real-world business experience while also earning credit towards your studies with an internship. Career Accelerator will unlock exclusive experiences with our industry partners, while also giving you the opportunity to bring your own internship or take on a social entrepreneurship practicum.

Mentoring
Seek advice from experienced industry professionals as part of our mentoring program, which ranges from online mentoring with AGSM MBA students through to six-week, face-to-face mentoring programs with industry leaders.

Networking and events
Expand your professional network and get an insight into the organisations that drive global business ecosystems with our industry networking events. You'll have opportunities to visit the offices of multinational organisations and attend regular Industry Insights presentations delivered by our partner organisations on campus.

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

› For more information, visit business.unsw.edu.au/career-accelerator

Bachelor of **Commerce**

Program code 3502

Duration 3 years
(+ 1 year Honours option)

2020 lowest selection rank[1] 95.00

2020 lowest ATAR[2] 85.85

2021 GE rank[3] 96.00

Assumed knowledge
Mathematics Advanced

Structure

First Year Business Core Courses (Integrated First Year)
+
One or Two Business School Majors
+
Mandatory WIL (Professional Development)
+
General Education
+
Graduate Portfolio

You can make big changes in the world with a career in business. UNSW's Bachelor of Commerce is an innovative three-year degree that will empower you to understand business essentials from day one. With built in professional development opportunities, you will improve your employability, ready to analyse current global business challenges and opportunities.

Career opportunities

As a commerce graduate there are endless and evolving opportunities. You will be qualified to pursue a range of careers across local and international organisations, 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

Graduates are eligible to apply for membership to various professional organisations according to the area of specialisation completed.

Double degree options:

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

Business School Majors

Study one or two business majors chosen from:

Accounting | Accounting is a broad and dynamic discipline that involves recording and analysing information to effectively guide and advise organisations, business and individuals in making strategic decisions. This major is professionally accredited by ACCA, CPA Australia, the Chartered Accountants Australia and New Zealand (CAANZ), the Chartered Institute of Management Accountants (CIMA) and the Institute of Public Accountants (IPA).

Business Analytics | Business Analytics focuses on producing and communicating actionable findings and insights from organisational data through descriptive, predictive and prescriptive analytics. Along with statistical modeling, programming and database management, this major has an emphasis on the ethical and legal issues of data governance.

Business Law | Business Law deals with risks, regulation and governance in business. The laws governing commerce are becoming more complex and compliance risk is a becoming a major challenge facing modern business. Business Law aims to protect consumers and commercial interests by giving a legal framework to all parts of commercial activity including fair trading, franchising, insolvency, e-business and commercial contracts.

Economics | Choose from **Business Economics**, or **Business Strategy and Economic Management**. Be 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, or the private sector.

Finance | Finance is a high risk, high reward 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.

Financial Technology | FinTech is used to create, enhance and disrupt financial services, from peer-to-peer lending and robo-advice to decentralised finance, such as Bitcoin. By identifying the demands of industry, FinTech sits at the forefront of industry needs, developing highly employable graduates.

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.

Information Systems | Information Systems helps businesses launch and thrive in the digital age. As a student, you will learn to develop, implement and manage information technology solutions for business including databases, enterprise systems, business intelligence systems, social media, networks and infrastructure to support business operations.

International Business | In today's global and highly competitive business ecosystem, companies operate 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.

Management | Understand the complex relationship between people, power and resources. You will apply strategic thinking and solid people management skills to a dynamic career in planning, leading and directing both people and organisations.

Marketing | Marketing is essential to every business in today's highly competitive marketplace. Marketers work within organisations or in an agency and aim to create differentiation and competitive advantage to grow an organisation's market share. They work in all stages of the product life cycle including innovation and new product development, campaign planning and execution through to digital and marketing analytics as well as the intepretation of marketing data to inform campaign and product choices.

Taxation | Every individual, private enterprise and government agency interacts with the taxation system, making tax experts highly sought after in every aspect of our economy. Delve into the intricate system of legislation and policy to understand the implications and influence of taxation on organisations.

I chose to combine Commerce and Economics as a double degree, as it unlocked a wide variety of opportunities and career paths, strengthening my problem solving, communication and analytical skills. As part of my degree I completed a for-credit Career Accelerator Global Business Practicum. This was an overseas internship at Commonwealth Bank in Jakarta, Indonesia which allowed me to gain valuable corporate experience in the banking sector.
–
Saul Brady, Bachelor of Commerce/Bachelor of Economics

Bachelor of **Actuarial Studies**

Program code 3586

Duration 3 years
(+ 1 year Honours option)

2020 lowest selection rank[1] 97.05

2020 lowest ATAR[2] 92.80

2021 GE rank[3] 97.50

Assumed knowledge
Mathematics Extension 1

Structure

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

Actuaries play a vital role in strategic planning and financial management in the financial services, insurance and superannuation industries. This degree challenges the mathematically-minded to find patterns and trends where others see only a mass of data, providing you with a solid foundation to enter the actuarial profession.

Career opportunities

Bachelor of Actuarial Studies graduates are highly sought after across industries in analytics roles. They also may find work within sectors such as insurance and superannuation as an Actuarial Analyst, Asset Management Trainee, Business Consultant, Credit Analyst, Data Analyst, Forecasting Analyst, Investment Banker, Insurance Analyst, Risk Assessment Officer, Statistical Research Analyst, Superannuation Advisor and Wealth Management Analyst.

Majors

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

Second major option taken from UNSW Business School majors or:
- Mathematics
- Statistics

Double degree options:

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

Professional accreditation

Students who achieve the required academic standard in the Actuarial Studies courses can gain some exemptions towards accreditation with the Actuaries Institute (Australia) and the VEE credit for the Society of Actuaries (USA).

Bachelor of **Commerce (International)**

Program code 3558

Duration 4 years

2020 lowest selection rank[1] 97.00

2020 lowest ATAR[2] 90.25

2021 GE rank[3] 97.00

Assumed knowledge
Mathematics Advanced

Structure

Commerce Core Courses
+
One Business School Major
+
International Studies Courses
+
Elective Courses Or Second Business School Major (elective courses can be used to create an international studies major)
+
Overseas Exchange

The Bachelor of Commerce (International) offers you cross-cultural perspectives as well as the business acumen for a career in a rapidly changing world. You will get a solid foundation in business, complete a Work Integrated Learning placement and go on a compulsory one-year overseas exchange, giving you insight into the business practices of your chosen region. Students also have the potential to study a language stream. All students studying the Bachelor of Commerce (International) receive a $5000 exchange scholarship. Students are also given the opportunity to be mentored by UNSW Business School's most accomplished graduates, our Alumni Leaders.

Career opportunities

This degree provides a solid foundation of business and prepares graduates for the challenges of working in global business. You may be employed by organisations with regional and global operations, as well as government and non-government agencies operating internationally in fields such as consulting, foreign affairs, media, finance, accounting and information systems.

Majors

Business discipline streams:
Refer to Bachelor of Commerce

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

Professional accreditation

Graduates are eligible to apply for membership to various professional organisations according to the area of specialisation completed.

Bachelor of **Economics**

Program code 3543

Duration 3 years
(+ 1 year Honours option)

2020 lowest selection rank[1] 93.00

2020 lowest ATAR[2] 83.75

2021 GE rank[3] 93.00

Assumed knowledge
Mathematics Advanced

Structure

Economics Core And Electives
+
Economics Major
+
Elective Courses or
Second Major

Economics is the study of the production, distribution and consumption of goods and services with a primary goal of improving efficiency and living standards. This degree provides you with a renowned professional qualification as well as analytical and statistical skills that can be applied to any role in business or finance. You will gain economic literacy as well as an in-depth understanding of issues in the local and world economies. You will also have the opportunity to complete a second specialisation from either the Business School or other approved faculties.

Career opportunities

Bachelor of Economics graduates find employment with major economic policy government departments, private sector employers and international organisations (such as the Reserve Bank, The World Bank Group and OECD). Positions include Business Analyst, Economic and Financial Forecaster, Economic Journalist, Economic Researcher, Financial Analyst, Consultant, Policy Advisor, Quantitative Analyst and Wealth Management Analyst.

Majors

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

And a second major from the the economics majors above OR the list of Business School majors OR a minor from the below:
- Accounting
- Business Law
- Finance
- Human Resource Management
- Information Systems
- International Business
- Management
- Marketing
- Mathematics (Science)
- Psychology (Science)
- Real Estate Studies
- Statistics
- Taxation

(sample list)

Double degree options:

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

Professional accreditation

Graduates are eligible to apply for membership to various professional organisations according to the area of major completed.

Bachelor of **Information Systems**

Program code 3979

Duration 3 years

2020 lowest selection rank[1] 90.00

2020 lowest ATAR[2] 80.00

2021 GE rank[3] 90.00

Assumed knowledge
Mathematics Advanced

Structure

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

Every organisational goal, strategy and function is driven by data and technology. The Bachelor of Information Systems provides you with specialist skills, knowledge and experience in information systems, giving you the foundation to develop and implement IT solutions in the context of a business.

Career opportunities

Graduates of the Bachelor of Information Systems may pursue a career as a Business Analyst, Business Intelligence Systems Developer, Cyber Security Specialist, e-Commerce Specialist, IS Development Specialist, IS/IT Architect, IS/IT Consultant, IT Infrastructure Developer, Network developer, Network and Systems Analyst, Management Consultant and Technical Manager.

Majors

- Information Systems

Double degree options:

- Commerce
- Actuarial Studies

Bachelor of Information Systems Admissions Scheme (BISAS)

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

Professional accreditation

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

Co-op degrees

A Co-op degree is a scholarship program that combines a single degree alongside relevant industry job placements, allowing you to apply your university skills and knowledge throughout your studies and from the onset of your career.

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

UNSW Business School offers four Co-op degrees:

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

Additional entry requirements

You are required to lodge a separate UNSW Co-op Program application with the Co-op Office in addition to a UAC application. Applications open in May and close on 30 September 2020.

For more information, visit co-op.unsw.edu.au

Business School **double degrees**

Degree	Duration	2020 lowest selection rank[1]	2020 lowest ATAR[2]	2021 GE rank[3]
Actuarial Studies/Advanced Mathematics (Hons)	5 years	97.05	90.60	97.50
Actuarial Studies/Commerce	4 years	97.05	90.60	97.50
Actuarial Studies/ Computer Science	4 years	97.05	90.60	97.50
Actuarial Studies/Economics	4 years	97.05	90.60	97.50
Actuarial Studies/ Information Systems	4 years	97.05	90.60	97.50
Actuarial Studies/Science	4 years	97.05	90.60	97.50
Commerce/Advanced Mathematics (Hons)	5 years	95.00	88.70	96.00
Commerce/Advanced Science (Hons)	4 years	95.00	85.70	96.00
Commerce/Arts	4 years	95.00	85.70	96.00
Commerce/Aviation Management	4 years	95.00	85.70	96.00
Commerce/Computer Science	4 years	95.00	85.70	96.00
Commerce/Design	4 years	95.00	85.70	96.00
Commerce/Fine Arts	4 years	95.00	85.70	96.00
Commerce/Economics	4 years	95.00	85.70	96.00
Commerce/Information Systems	4 years	95.00	85.70	96.00
Commerce/Media (PR & Advertising)	4 years	95.00	85.70	96.00
Commerce/Science	4 years	95.00	85.70	96.00
Economics/Advanced Science (Hons)	5 years	95.00	87.30	95.00
Economics/Arts	4 years	93.00	84.85	93.00
Economics/Advanced Mathematics (Hons)	5 years	95.00	87.30	95.00
Economics/Computer Science	5 years	93.00	88.85	93.00
Economics/Science	4 years	93.00	84.85	93.00

To see a list of all UNSW double degrees, turn to page 104.

Engineering

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

Learn from the #1 Engineering faculty in Australia with five-star ratings for employability, teaching and research.*

*QS Rankings by Subject 2020

Immerse yourself in exciting, real-world projects with the ChallENG program. Connect with students, academics and companies to gain the technical and professional skills needed to thrive.

Belong to our diverse and inclusive student community, with clubs and societies for you to network with like-minded peers and enrich your thinking.

UNSW students involved with the our Social impacts projects in Uganda.

Flexible First Year

Flexible First Year allows you to explore the different fields of engineering before deciding on your specialisation. The first year of engineering study has a core of common subjects, plus a wide choice of electives, so you can find the area that's right for you.

Real-world engineering

From day one, you will be developing your acumen as an engineer, in the classroom and through hands-on practical experience, all while building valuable industry networks.

Opportunities include learning from visiting industry leaders, creating and designing a project in our Makerspaces, participating in student projects, Maker Games or industrial training, attending industry recruitment events and going on international exchange. This means you get valuable real-world experience while completing your degree, equipping you for a successful career.

Meeting global challenges

Make a positive difference in the world through world-class education and research - combine your passion and creativity to rise to meet global challenges. You will have access to the world's best facilities and research coupled with an exciting education experience that will shape your future.

The ChallENG Program

The ChallENG Program will connect you with academics and industry partners to be part of exciting, real-world, project-based learning initiatives. The program prepares you for your future career by taking learning experiences to the next level. Be exposed to a multidisciplinary learning approach that emphasises the development of technical and design skills, expanding your professional expertise.

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

Industry engagement

Bridge the gap between university and industry as you're equipped with the skills and competencies needed to succeed in the real world. Each year, there are industry and student networking events available to empower you to build professional networks and kickstart your career.

Industrial training

Undertake 60 days of work experience in your chosen field of study as a requirement of your accredited degree, giving you real experience in an engineering environment.

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

Student societies

Join EngSoc and WIESoc, our flagship Engineering societies for access to a host of professional development programs, professional networking events and social activities throughout the year. Student societies aim to enrich the student experience whilst developing student skills.

Women in Engineering

There is a dedicated support network for the Women in Engineering (WIE) community. You can attend WIE workshops and inspiring 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

Faculty of Engineering Admission Scheme (FEAS)

Things don't always go to plan, and sometimes you need to take a different route. If you are anticipating an ATAR within 10 points of the Guaranteed Entry rank and want to study Engineering at UNSW, we encourage you to apply via FEAS. Be evaluated on your ability in mathematics, physics and other sciences, design and problem solving, as well as attitude and motivation towards engineering studies.

FEAS applies to most UNSW Engineering undergraduate programs, including the double degrees with a Guaranteed Entry rank of 93.00.

For more information, visit unsw.to/feas

Bachelor of **Science (Computer Science)**

Program code 3778

Duration 3 years
(+ 1 year Honours option)

2020 lowest selection rank[1]
93.00

2020 lowest ATAR[2] 83.40

2021 GE rank[3] 93.00

Assumed knowledge Mathematics Extension 1

In this degree you will study the design, construction and use of computer systems. You'll 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.

Structure

16 Computer Science Courses
+
6 Electives + 2 general education electives
+
Possible Minor in Accounting, Finance, Information Systems, Marketing, Maths, Psychology

Study areas

The available majors are:
- Artificial Intelligence
- Computer Networks
- Computer Science
- Database Systems
- eCommerce Systems
- Embedded Systems
- Programming Languages
- Security Engineering

Career opportunities

Graduates are employed in fields such as software engineering and development, digital security, database development, game development and systems analysis.

Double degree options:

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

This degree is accredited by the Australian Computer Society.

Bachelor of **Engineering (Honours)**

Program code 3707

Duration 4 years

2020 lowest selection rank[1]
93.00

2020 lowest ATAR[2] 83.70
(flexible first year stream)

2021 GE rank[3] 93.00

Assumed knowledge
Mathematics Extension 1 and Physics (except where specified)

Combining mathematics, natural sciences and computing, this degree is the foundation for a variety of specialised pathways into different engineering disciplines. You will learn how to apply yourself in engineering design and enquiry projects as well as professional practice, management and research for your thesis. There's flexibility in the first year for students who haven't yet decided their engineering specialisation.

Structure

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

Flexible first year stream

The Bachelor of Engineering (Honours) program includes a Flexible First Year stream. This stream is designed for those students who wish to study engineering but would like to delay their choice of which branch of engineering to study until the end of Year 1.

The first year of engineering study has a common core of courses, plus a choice of electives which allows you to study a number of areas that appeal to you without making a formal commitment until the end of your first year. This is ideal for students who know they want to be an engineer, but are unsure which direction to take.

This degree is accredited by Engineers Australia.

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

Aerospace Engineering (Honours)

2020 lowest ATAR[2] 85.15

Immerse yourself in the science and practice of air and space flight with this exciting degree. You'll cover design, development, testing and production of aerospace vehicles, maintenance and operation of aircraft, and aerospace research. In your final year you'll execute a team project, applying your skills through internationally-approved industry training.

Study areas

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

Career opportunities

Graduates pursue careers in a number of fields such as the space industry, national security, transportation, airlines, maritime construction and consulting.

Double degree options:

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

Bioinformatics Engineering (Honours)

2020 lowest ATAR[2] <5 offers

Assumed knowledge
Mathematics Extension 1 and Chemistry

Master the foundational disciplines of bioinformatics, a field at the convergence of computing and life sciences. In this degree you will learn how to develop technologies for storing, extracting, organising and interpreting the tsunami of genetic information to which we now have access.

Study areas

- Computing
- Mathematics
- Biology
- Bioinformatics

Career opportunities

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

Double degree options:

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

Chemical Engineering (Honours)

2020 lowest ATAR[2] 84.75

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

Study areas

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

Career opportunities

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

Double degree options:

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

Chemical Product Engineering (Honours)

2020 lowest ATAR[2] 84.75

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

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

Double degree options:

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

Civil Engineering (Honours)

2020 lowest ATAR[2] 86.00

Civil engineers are responsible for projects that enhance the overall quality of life. 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

Graduates are employed by professional consulting firms, construction companies, large public companies, government organisations and financial and management consultancies.

Double degree options:

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

Computer Engineering (Honours)

2020 lowest ATAR[2] 89.30

Computer Engineering will empower you to make a difference in today's world, where the internet, cars and phones are a fundamental element of people's lives. 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
Computer Engineering graduates work in a variety of industries including technology manufacturing, research laboratories, I.T., digital consulting firms, agritech, health, education, VLSI Design and embedded systems.

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

Electrical Engineering (Honours)

2020 lowest ATAR[2] 89.30

This degree focuses on the design, development, manufacture and management of complex hardware and software systems. With courses in telecommunications, photonics, microelectronics and more.

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

Career opportunities
Electrical Engineering opens up a huge range of challenging and rewarding career paths in fields such as electronics, quantum computing, networking, power distribution and robotics and control.

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

Environmental Engineering (Honours)

2020 lowest ATAR[2] 87.35

Combine 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 to develop effective solutions. Your work will be at the centre of an exciting multidisciplinary field including biologists, ecologists, geologists and engineers.

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. Graduates also seek employment in humanitarian engineering and sustainability with both government organisations and in the private sector.

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

Mechanical Engineering (Honours)

2020 lowest ATAR[2] 85.15

Any design you could dream of can be brought to reality by a mechanical engineer. Mechanical engineers apply scientific and engineering knowledge to develop, manufacture and operate machines and tools, which can then be used to develop other products. This degree teaches you how to design and manage the construction, operation and maintenance of machines used in many industries.

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 is high demand for Mechanical Engineering graduates in a wide range of industries such as power generation, transport, construction, mining, manufacturing, insurance and appliances.

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

Mechanical and Manufacturing Engineering (Honours)

2020 lowest ATAR[2] 85.15

Bridge the gap between new 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 – nearly anything that people drive, play with or live in.

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
Graduates work in a variety of industries such as automotive, defence, aerospace, transport, power generation, insurance, railway systems and management consultancy.

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

Mechatronic Engineering (Honours)

2020 lowest ATAR[2] 84.00

This degree teaches you the full spectrum of smart machine design. You'll graduate with skills in the development of autonomous systems like self-operating robots and vehicles, and a thorough knowledge of industrial automation which can be applied throughout the evolving field of smart machines and systems.

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

Career opportunities
Mechatronic engineers work in many industries such as manufacturing, automotive, aerospace, defence, mining, cargo handling and agriculture. You may also work in companies that design and manufacture consumer devices and technology such as mobile phones, video game consoles and biomedical devices.

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

Photovoltaics and Solar Energy Engineering (Honours)

2020 lowest ATAR[2] 87.25

In this degree you'll immerse yourself in the manufacture and use of solar cells, which capture and convert sunlight into electricity. Courses in technology development, manufacturing, quality control, reliability, policy, system design and more will prepare you for varied, high-level work in an industry that is vital for humanity's 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
Graduates work in fields such as manufacturing, quality control and reliability, computer-aided design of devices and systems, policy formation, programs for developing countries, solar cells and system design in organisations such as integration companies and research organisations.

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

Mining Engineering (Honours)

2020 lowest ATAR² <5 offers

This degree gives you a comprehensive understanding of how complex mining systems work together to service the global need for minerals. You will acquire 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
Graduates enjoy rewarding careers 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
- Engineering Science (Civil)
- Law
- Music
- Science

Petroleum Engineering (Honours)

2020 lowest ATAR² <5 offers

Become an expert at solving problems and designing technologies that work kilometres 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 also study courses that engage you in the socio-political context of the industry.

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
Graduates may pursue careers in the oil and gas industry, oil service companies, reservoir development, computer-generated modelling, environmental organisations, as well as banking and finance.

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

Renewable Energy Engineering (Honours)

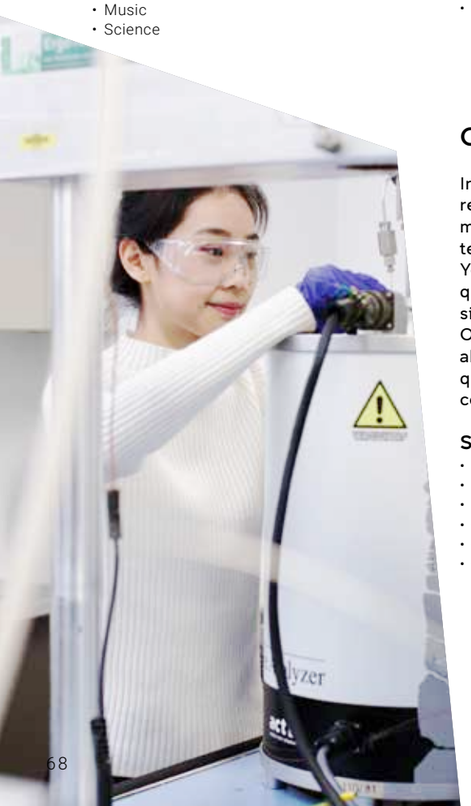
2020 lowest ATAR² 87.25

Explore the best ways to make use of renewable energy technologies in this cutting-edge degree. From solar thermal systems and photovoltaics to winds and biomass, you'll draw resources from all around UNSW to prepare you for research and professional work in this crucial, ever-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
Graduates 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, as well as 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
- Law
- Music
- Science



Quantum Engineering

In this degree you'll develop the skillset required for the next generation of microelectronics, microwave and telecommunications engineers. You'll learn how to work with a range of quantum systems, from high-frequency signals to very small electronic circuits. Our expert academics will teach you about systems like 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

Career opportunities
With the rapid growth in Quantum Engineering across the world there are countless career and research opportunities. You'll gain practical experience throughout your degree to prepare you for a successful career in the growing sector of next-generation electronic and communication devices, anywhere in the world.

Leading companies like Microsoft and IBM have large quantum engineering efforts internationally, including significant quantum activities in Australia. Local start-ups also offer a growing number of opportunities

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

Quantum Engineering stream is not yet accredited, the faculty is applying for provisional accreditation

Surveying (Honours)

2020 lowest ATAR² 91.20

Surveying: a perfect combination of indoors and outdoors, from supporting construction and infrastructure engineering to mapping and monitoring the landscape. In this degree you'll learn how to use GPS, laser scanners, mapping drones and surveying robots to create high-definition 3D models of both 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
Surveying graduates work in a variety of fields including urban and rural development, oil and gas exploration, mining and engineering construction, climate change monitoring, land management and planning, cadastral surveying and land law, hydrographic surveying as well as aerial imaging and cartography.

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

Software Engineering (Honours)

2020 lowest ATAR² 85.05

Assumed knowledge
Mathematics Extension 1

Become an expert in the processes, methods and tools for the design and development of high-quality, reliable software systems, from code-writing to delivery. This degree involves the application of software specification, design, implementation, testing and more, including workshops for team-based projects that will give you hands-on experience.

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

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

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

Telecommunications (Honours)

2020 lowest ATAR² 89.30

In this degree you'll learn all aspects of theory and application for 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 via 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
Graduates pursue careers with telecommunications service providers, major equipment and device manufacturers, large private industrial groups as well as small to medium service and technology providers or startups.

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

Bachelor of **Civil Engineering with Architecture (Honours)**

Program code 3635

Duration 4 years

2020 lowest selection rank¹
95.00

2020 lowest ATAR² 87.50

2021 GE rank³ 95.00

Assumed knowledge Mathematics Extension 1 and Physics

Structure
Civil Engineering discipline, including thesis project in final year
+
Architecture subjects
+
60 day Industrial Training

Extend your civil engineering bachelor degree with this program's courses in architecture. You'll get a foundation in architectural principles and learn about the connection between architects and engineers, inspiring you to become a conceptual thinker with both aesthetic and structural expertise – and to challenge the traditional boundaries of structural design.

Study areas
- Architecture
- Civil Engineering

Career opportunities
Graduates are employed 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

2020 lowest selection rank[1] 93.00

2020 lowest ATAR[2] 90.55

2021 GE rank[3] 93.00

Assumed knowledge
Mathematics Extension 1 and Chemistry, Physics

Structure

28 courses in Food Science
+
2 Electives
+
2 General Education

This degree will provide you with 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, food systems management and more, in addition to conducting research for a thesis.

Study areas

The available majors are:
- Food Science and Nutrition
- Food Science and Technology

Career opportunities

Graduates of Food Science pursue careers in food technology, product development, quality assurance, product testing, production and laboratory management, as dietitians or safety inspectors.

Curriculum approved by the Institute of Food Technologists.

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

Program code 3736

Duration 5 years

2020 lowest selection rank[1] 96.00

2020 lowest ATAR[2] 87.05

2021 GE rank[3] 96.00

Assumed knowledge Mathematics Extension 1 and Physics

Structure

Integrated Electrical Engineering Bachelor and Master degree, including two theses
+
Minor (4–6 courses)
+
General Education electives
+
60 days Industrial Training

In this five-year integrated program in Electrical Engineering you will extend your knowledge whilst working on cutting edge projects. You can also take a broadening discipline (minor) in an area 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 the program to suit your interests.

Study areas

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

Broadening (minor) disciplines available

- Commerce
- Computing
- Languages
- Mathematics
- Mechatronics
- Music
- Photovoltaics
- Physics
- Psychology

Career opportunities

Graduates can work in a huge 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 specialising in the application of 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

2020 lowest selection rank[1] 93.00

2020 lowest ATAR[2] 86.35

2021 GE rank[3] 93.00

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

Structure

Bachelor degree
+
12 Master of Biomedical Engineering courses
+
1 General Education
+
60 days Industrial Training

The Bachelor of Engineering (Honours) component of this double degree will give you a solid background in mathematics, natural sciences and computing, while in the Master of Biomedical Engineering you will learn principles as they apply to 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

Graduates 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.

Engineering double degrees

Degree	Duration	2020 lowest selection rank[1]	2020 lowest ATAR[2]	2021 GE rank[3]
Computer Science/Arts	4 years	93.00	83.40	93.00
Computer Science/ Media Arts	4 years	93.00	90.25	93.00
Computer Science/Science	4 years	93.00	83.40	93.00
Engineering (Hons)/Arts	5–5.7 years	93.00	83.40	93.00
Engineering (Hons)/Commerce	5.7 years	95.00	86.25	96.00
Engineering (Hons)/Computer Science	5 years	93.00	83.40	93.00
Engineering (Hons)/ Engineering Science	5 years	93.00	87.95	93.00
Bachelor of Engineering (Hons)/ Master of Biomedical Engineering	5 years	93.00	86.35	93.00
Bachelor of Engineering (Hons) / Master of Engineering (Electrical Engineering)	5 years	96.00	87.05	96.00
Engineering (Hons)/Science	5 years	93.00	83.40	93.00
Engineering (Hons)/Surveying	5 years	93.00	89.90	93.00

To see a list of all UNSW double degrees, turn to page 104.

Law

Be equipped to tackle tomorrow's big challenges. Immerse yourself in the real-world practice of law, sharpen your mind through the exploration of complex ideas and learn from a school that is underpinned by an ethos of justice for all.

Challenge yourself and embark on an international opportunity where you will experience different perspectives and legal systems at leading partner law schools across the world.

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

Experience an ethos of justice for all through real legal practice by helping members of the local community at our onsite community legal centre.

UNSW Law building

Join a top global Law School

Ranked the 14th law school in the world and 15th for Employer Reputation in the 2020 QS World Rankings, UNSW Law has been setting the pace as Australia's leader in progressive and rigorous legal education and research for almost 50 years.

Benefit from small classes

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

Become a member of UNSW Law Society

As one of our students you are eligible to join one of the country's most respected student-run law organisations – the UNSW Law Society. Belonging to this society will help you form new friendships, excel in your studies and develop your professional skills along with a passion for social justice. For more information, visit unswlawsoc.org

Extensive clinics and internships

Transform what you learn in the classroom into real life practice with the wide range of practical experiences available. For more information, visit law.unsw.edu.au/experiential-learning

Global opportunities

Build a global experience into your degree through exchange, by undertaking one of our overseas elective courses or an internship abroad. An overseas elective could take you to Zurich, New York, Berkeley, Vanuatu, China, India or South America. There are more than 80 exchange destinations at leading law schools around the world.

To view a full list of our exchange destinations, visit student.unsw.edu.au/partners

UNSW Law Careers Service

Our Law dedicated Careers Service supports you to secure a rewarding job at the end of your studies. Drawing upon their extensive experience working as lawyers in Australia and overseas, the careers team collaborates with employers, recruitment agencies and UNSW alumni to source and advertise opportunities for law students. For more information, visit law.unsw.edu.au/students/careers

End-to-end legal education

Completing a law degree is your first step towards becoming a lawyer, the second is completing Practical Legal Training (PLT). Every law graduate across Australia must complete PLT if they wish to practise as a lawyer. UNSW offers the Graduate Diploma in Legal Professional Practice (GDLPP), so you can graduate with all the qualifications you need to launch your legal career.

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

Step 2 – Complete your GDLPP at UNSW.

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

For more information, visit law.unsw.edu.au/plt

Law Admission Test (LAT)

UNSW Law 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 are a domestic applicant (Australian citizen, permanent resident, permanent humanitarian visa holder or a New Zealand citizen) and you want to study undergraduate Law at UNSW, you need to sit the Law Admission Test (LAT). The LAT is a two-hour test designed to assess your skills in thinking critically, analysing material, and organising and expressing ideas. It does not require any knowledge specific to law, so the best preparation you can do is to continue with your studies and download the practice paper from lat.acer.edu.au/practice-material

Who is eligible to sit the 2020 LAT?

- Students in Year 11 and 12 in 2020. 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 Law at UNSW.
- Students who have completed high school, but are not currently at university (e.g. on a gap year).

Students applying for an Internal Program Transfer (IPT) and Indigenous students undertaking the Pre-Law program at UNSW are not required to sit the LAT. International students are not eligible to sit the LAT.

How are LAT results used?

You will be assessed for entry on the basis of both your LAT score and your academic results (ATAR or equivalent).

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 which therefore places you further up the ranked list.

The guiding principle underlying the ranking process is that a student's academic results (e.g. ATAR) remains an important component of the selection criteria.

For more information, visit law.unsw.edu.au/LAT

LAT registration details

Registrations open: Monday 4 May 2020
Standard registrations close: Friday 14 August 2020
Late registrations close: Wednesday 9 September 2020 (a late fee will apply).
Test date: Tuesday 29 September 2020
Alternative test date: Tuesday 6 October 2020
Cost: Standard registration: $187
Concession registration: $100
Late registration: additional $50
To register, visit lat.acer.edu.au/register

What adjustment factors does UNSW Law accept?

- 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

Internal Program Transfer

If you are studying a non-law degree at UNSW and wish to transfer to law, you are not required to sit the LAT or apply via UAC. UNSW Law 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

Where is the LAT held?

The LAT will be offered in Canberra and Sydney. The exact test venue details will be released approximately 2 weeks prior to the test date.

New in 2020! Eligibility for remote proctoring extended to regional NSW

If you reside outside the greater Sydney, Newcastle and Wollongong areas you are now eligible to sit the LAT by remote proctoring.

For the 2020 LAT, remote proctoring is now available for candidates who reside outside of Major Cities of Australia (RA2 - RA5 in NSW as per the ABS rural and remote classification site), as well as candidates who reside interstate or overseas and are not able to travel to a test venue.

What is remote proctoring?

Remote proctoring involves sitting the test online with ProctorU under live supervision using your own computer in a suitable location with internet connectivity. Remote proctoring is only available on the main test day, Tuesday 29 September 2020.

Candidates must apply for remote proctoring as part of the online application process for the LAT. An additional fee applies, except for concession eligible applicants who reside in NSW, in an RA2 - RA5 location in NSW.

For more details on this visit lat.acer.edu.au/register/apply-for-remote-proctoring

Law

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

2020 lowest selection rank[1] 96.00

2020 lowest ATAR[2] 88.15

2021 GE rank[3] N/A

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 UNSW Law double degree program will provide you with a broader education to increase your understanding of the wider social implications of law. Our student-focused, interactive teaching approach emphasises experiential learning, and will equip you with analytical and practical skills for a wide range of career opportunities.

Please note: While there is 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 this detail.

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

Law double degrees

Program code	Degree	Duration
4737	Actuarial Studies/Law	5 years
3998	Advanced Mathematics (Hons)/Law	6 years
3997	Advanced Science (Hons)/Law	6 years
4782	Arts/Law	5 years
4783	Arts & Business/Law	6 years
4706	City Planning (Hons)/Law	6.7 years
4733	Commerce/Law	5 years
3786	Computer Science/Law	5 years
4763	Criminology & Criminal Justice/Law	5 years
4795	Data Science & Decisions/Law	5.7 years
4744	Economics/Law	5 years
3765	Engineering (Hons)/Law	6.7 years
4759	Fine Arts/Law	5 years
4788	International Studies/Law	6 years
4792	Media (Communication & Journalism)/Law	5 years
4789	Media (PR & Advertising)/Law	5 years
4752	Media (Screen & Sound Production)/Law	5 years
4755	Medicinal Chemistry (Hons)/Law	6.7 years
4774	Music/Law*	6 years
4797	Politics, Philosophy & Economics/Law	6 years
4722	Psychological Science/Law	5 years
4721	Psychology (Hons)/Law	6 years
4770	Science/Law	5 years
4772	Science & Business/Law	6 years
4787	Social Work (Hons)/Law	6.7 years
4871	Social Science/Law	5.5 years

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

To see a list of all UNSW double degrees, turn to page 104.

Medicine

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

You'll learn how to research and discover new information, build analytical and communication skills and develop a creative, open-minded approach to health.

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

Apply your skills to real patients and global health problems. Join a supportive community focused on improving life for all.

Applying for Bachelor of Medical Studies/ Doctor of Medicine

To join the BMed/MD, you must sit the University Clinical Aptitude Test (UCAT ANZ), which is held annually. You also need to ensure you complete the application process through UNSW's Medicine Application Portal as well as submitting a UAC application – both are required. The final step is an interview. If successful, you'll be offered a place.

For more information about applying for Medicine and types of entry, visit med.unsw.edu.au/med-how-to-apply

For more information on the UCAT ANZ, visit ucatofficial.com/ucat-anz

The UMAT has been replaced by the UCAT ANZ for entry into Medicine for 2020 onwards.

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

Special admission schemes are also available:

Rural Student Entry Scheme
rcs.med.unsw.edu.au/rural-student-entry-scheme

Indigenous Entry Scheme
rcs.med.unsw.edu.au/indigenous-entry-medicine

Gateway Medicine Entry Scheme
unsw.to/med-pathways

Key dates

UCAT ANZ bookings open:
2 March 2020

Medicine Information Evening:
March 2020. Check events.unsw.edu.au for more information

UCAT ANZ booking deadline:
11 May 2020

UCAT ANZ test dates:
July 2020

Medicine application portal closes:
Monday 30 September 2020

Study the most in-demand degree

As a testament to the quality of the training delivered by accomplished researchers, teaching staff and clinicians, the Bachelor of Medical Studies/Doctor of Medicine is the most popular first-preference choice in the state for school leavers in 2018-2020. Apply for the most in-demand degree in NSW and set yourself up for an exciting career in medicine.

Learn from leaders in the field

Start your health and medical studies at a university driven by innovation and excellence. UNSW is proud to rank 46th in the world for Medicine* and among Australia's leaders in medical education and research. Learn from world leaders in the fields of cancer, neuroscience, mental health, addiction, infectious disease, immunity and inflammation, and non-communicable disease such as cardiovascular disease.

*QS World University Rankings by Subject 2020

Access world class bio-medical and clinical training facilities

Undertake clinical training in some of Australia's largest metropolitan and rural hospitals. As a student, you will benefit from UNSW's important role as a leader in the broader Sydney Health Randwick Precinct development and access across our campuses cutting edge learning environments that translate research directly through to community impact.

Hands-on learning

Be immersed through hands-on learning with patient interactions from year one and develop as a skilled professional and innovative clinician with a strong grounding in research and teamwork.

Bachelor of **Medical Studies/Doctor of Medicine**

Program code 3805

Duration 6 years

Entry
Selection Rank + UCAT ANZ + interview

2020 lowest selection rank[1] ATAR + UCAT ANZ + interview

2020 lowest ATAR[2]
– Local Entry 96.20
– Rural Entry 91.05

2021 GE rank[3] N/A

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

Structure

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

We are ranked among the world's top 50 universities for Medicine. (QS World University Rankings by Subject, 2020). Our six-year integrated Medicine program, which leads to the awards of Bachelor of Medical Studies (BMed)/ Doctor of Medicine (MD), includes a ompulsory Independent Learning Project (ILP) to ensure that all graduates acquire in-depth knowledge of research principles and methods applicable to medicine and its professional practice, and to improve and diversify future career prospects. From 2021, students may complete an Honours project in place of the ILP.

The program consists of:

Bachelor of Medical Studies (BMed)

Collaborative learning and teamwork is an important component of the Bachelor of Medical Studies. Phase 1 begins with the Foundations course, leading into basic medical and social sciences in relation to the human life cycle, social, ethical and legal issues. Clinical and communication skills training commences from Phase 1. Phase 2 provides increased clinical exposure in hospitals placements combined with ongoing learning in biomedical sciences.

Doctor of Medicine (MD)

The MD includes the Independent Learning Project (ILP) followed by clinical courses in the disciplines of internal medicine, surgery, psychiatry, primary care, obstetrics, gynaecology and paediatrics. There is also an elective clinical course that could be undertaken interstate or overseas. Phase 3 consists of 10 eight-week courses with a clinical focus and includes relevant content from the biomedical sciences and the social sciences. Completion results in provisional registration, allowing commencement of a hospital internship before being recognised as a medical practitioner. UNSW Medicine offers select students an opportunity to complete the Medicine program at our Port Macquarie campus.

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 enables graduates 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 opportunities in medical research, health policy and medical education.

Majors

- Medical Studies
- Doctor of Medicine

Professional recognition

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

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

Double degree options:

- Arts

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

Bachelor of **Exercise Physiology**

Program code 3871

Duration 4 years

2020 lowest selection rank[1] 85.00

2020 lowest ATAR[2] 75.05

2021 GE rank[3] 90.00

Assumed knowledge
Mathematics Advanced and Chemistry

Structure

Exercise Science
+
Exercise Physiology
+
Clinical Practicum
+
Research Internships

Exercise physiologists play a vital role in the prevention and management of chronic disease and injury. This degree provides you with a comprehensive education in health and exercise – from foundational courses in chemistry and molecular biology, to anatomy, physiology and pathology, then advanced clinical exercise physiology specialisations tailored to your preferred career.

Majors

- Exercise Physiology

Career opportunities

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

Professional recognition

The UNSW Bachelor of Exercise Physiology is accredited with Exercise and Sports Science Australia (ESSA) essa.org.au, the national governing body for the Exercise Physiology profession.

Bachelor of **International Public Health**

Program code 3880

Duration 3 years (online)

2020 lowest selection rank[1] 80.00

2020 lowest ATAR[2] 81.45

2021 GE rank[3] 80.00

Assumed knowledge
English Standard

Structure

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

Want to address global health issues and join a workforce that operates across borders? Unlike other Australian undergraduate public health programs, the Bachelor of International Public Health is internationally integrated with emphasis on courses aimed at improving the health of populations worldwide. Courses focus on infectious disease challenges, Indigenous and Environmental health, women and children's health, and global chronic disease prevention. International Public Health students will also complete a capstone experience in the final year. This may include the option of either an internship placement or research project.

The BIPH is a fully online program, which includes unique coursework from two of the world's leading universities – UNSW Sydney and Arizona State University (ASU). Students can undertake this degree from anywhere around the world.

Career opportunities

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

Majors

- International Public Health

Medicine **double degrees**

Degree	Durarion	2020 lowest selection rank[1]	2020 lowest ATAR[2]	2021 GE rank[3]
Medical Studies/Doctor of Medicine/Arts	8 years	ATAR + UCAT ANZ + interview	N/A	N/A

To see a list of all UNSW double degrees, turn to page 104.

Science

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

Have the flexibility to explore different areas of science by choosing from a diverse range of cross-disciplinary and double degrees.

Engage with science to improve lives and communities all over the world alongside our team of ground-breaking scientific leaders.

The skills needed to reach your career goals are embedded in each degree, rated five-stars for graduate starting salary and positive graduate outcomes. *

* QS World Rankings, 2020

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 a world increasingly dominated by technology, there's increased demand for trained scientists in a diverse range of careers. With access to high-profile industry partners, you will be equipped to achieve your career goals and make an impact.

Learn from world-class teachers

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

Make profound scientific discoveries

Driven by the ethos of collaboration, exploration and accomplishment, here you can access world-class laboratories, clinics and simulators that will equip you with the tools to explore new frontiers and make profound scientific discoveries to benefit society.

Bachelor of **Advanced Science (Honours)**

Program code 3962

Duration 4 years

2020 lowest selection rank[1] 95.00

2020 Lowest ATAR[2] 86.15

2021 GE rank[3] 95.00

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

Innovative thinkers with exceptional scientific knowledge and skills will embrace this degree, which includes advanced level courses and an Honours year. The Advanced Science (Honours) program has 25 majors to choose from and an Honours year involving a supervised research project.

Career opportunities

Employment across a wide range of settings including public sector research in universities and government institutes such as CSIRO, 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 or science communication.

Structure

Major (choose one or two)
+
SCIF1131
+
Science Electives
+
Free Electives
(from any faculty at UNSW)
+
General Education
Non-Science Courses
+
1 year Honours

Majors

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

Bachelor of **Aviation (Flying)**

Program code 3980

Duration 3 years

2020 lowest selection rank[2] 80.00 + Interview

2020 Lowest ATAR[2] 70.15

2021 GE rank[3]
80.00 + interview

Assumed knowledge
Mathematics Advanced

Dreaming of becoming a pilot? You'll learn the science behind aviation as well as gain your flying licences. In addition to theoretical studies, you will gain up to 200 hours of flight training and approximately 30 hours of simulator training. You will also take aviation management courses to prepare you for industry roles.

Career opportunities

Pilots for regional or major commercial airlines, training centres, charter flights; or as aerial surveyors.

Professional accreditation

This degree is professionally recognised.

Important information

You will need to pay for the flight training costs portion of this degree. In 2021, 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 $135,750 (some elective fees and extra flying fees may apply). Additional flying costs will be incurred depending on a student's choice of third year flying practicum and if more than the 200 flight hours are required to achieve proficiency in any aspect of the flight training.

Admission

In addition to your ATAR (or equivalent), Aviation (Flying) requires an internal application directly to the UNSW School of Aviation. Students will then be invited to undergo an interview and if successful, will need to obtain a Class 1 Civil Aviation Authority (CASA) medical examination before flying training commences in second year.

Bachelor of **Aviation (Management)**

Program code 3981

Duration 3 years

2020 lowest selection rank[1] 80.00

2020 Lowest ATAR[2] 70.60

2021 GE rank[3] 80.00

Assumed knowledge
Mathematics Standard 2

This degree is focused on aviation management, rather than pilot training. You will do a range of courses in management areas such as operations management, aviation economics, law and regulations, airline marketing and safety.

Career opportunities

Management in airlines, freight companies, regulatory authorities, defence forces or airports. Specific examples include Airfreight Manager, Airport Planner, Flight Crew Scheduler, Aviation Consultant, Flight Analyst, Flight Safety Investigator, Aviation Revenue Manager and Airport or Fleet Planner.

Structure

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

Double degree options:

- Commerce

Bachelor of **Biotechnology (Honours)**

Program code 3053

Duration 4 years

2020 lowest selection rank[1] 85.00

2020 Lowest ATAR[2] 75.10

2021 GE rank[3] 85.00

Assumed knowledge
Mathematics Advanced, Chemistry

Biotechnologists work at the forefront in pharmaceuticals, food, industrial chemicals, crop and livestock farming, environmental clean-up and forensics. In this four-year degree, which includes an Honours year, you'll learn the fundamentals of science before delving deeper into the multidisciplinary world of biotechnology, with courses including molecular biology, microbiology, chemistry and genetics.

Career opportunities

Become a scientist or researcher with medical, biological or pharmaceutical research organisations. Graduates are working as research and development managers, clinical trial associates, in government regulation and policy, industry regulatory affairs or intellectual property management. There are also career options in marketing, sales, biotech investment and finance, and business development.

Structure

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

Bachelor of **Data Science and Decisions**

Program code 3959

Duration 3 years

2020 lowest selection rank[1] 95.00

2020 Lowest ATAR[2] 89.35

2021 GE rank[3] 95.00

Assumed knowledge
Mathematics Extension 1

As billions of devices feed data to central databases, businesses and governments require experts to interpret that data. In this degree, you will gain the theoretical and practical skills required to enter the lucrative field of data analysis - through a blend of mathematical methods, statistics, computing, business decisions and communication.

Career opportunities

Graduates from this degree may pursue a career as a Business Analyst, Customer Success Manager, Data Scientist, Data Engineer, Data Analyst, Data Manager, Data Architect, Database Administrator, Digital Data Analyst, Environmental Data Analyst, Forecast Modeller, Reporting Analyst, Statistician or University Educator.

Majors

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

Double degree options:

- Law

Structure

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

Bachelor of **Environmental Management**

Program code 3965

Duration 3 years
(+ 1 year Honours option)

2020 lowest selection rank[1] 80.00

2020 Lowest ATAR[2] 70.90

2021 GE rank[3] 80.00

Assumed knowledge
Mathematics Advanced, Chemistry

Environmental scientists help shape policy and regulations to create sustainable solutions. This degree will teach you the theory and practical skills you need to influence decisions by providing guidance on how to create a balance between economic, social and environmental concerns. Hands-on learning experience allows students to tackle real-world problems.

Career opportunities

Graduates pursue careers as Environmental Consultants, Policy Developers or Researchers within industry or with local, state or federal government. 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

Structure

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

Bachelor of **Life Sciences**

Program code 3966

Duration 3 years
(+ 1 year Honours option)

2020 lowest selection rank[1] 80.00

2020 Lowest ATAR[2] 70.20

2021 GE rank[3] 80.00

Assumed knowledge
Mathematics Advanced plus one or more of Biology, Chemistry

Life Sciences brings together the biological, environmental and medical sciences. This degree will appeal to those curious about life, from the way things work at the molecular level to the study of entire ecosystems. It is a pathway to postgraduate study, especially in the health and medical fields.

Career opportunities

A wide range of career options is available, including 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
- Marine and Coastal Science
- Microbiology
- Molecular and Cell Biology
- Pathology
- Pharmacology
- Physiology
- Psychology

Structure

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

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

Program code 3132

Duration 4 years

2020 lowest selection rank[1] 85.00

2020 Lowest ATAR[2] 76.80

2021 GE rank[3] 87.00

Assumed knowledge
Mathematics Extension 1, Physics

To create high-performance materials such as metals, ceramics, polymers and composites, you need a solid background in Materials Science. This degree will put you at the forefront of innovation in developing materials that are lighter, greener and stronger.

Career opportunities

Graduates are equipped to 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. Locally 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.

Structure

Materials Science Core Courses
+
Professional Electives
+
1 Year Honours
+
General Education; Non-Science And Engineering Courses

Bachelor of **Medical Science**

Program code 3991

Duration 3 years
(+ 1 year Honours option)

2020 lowest selection rank[1] 91.00

2020 Lowest ATAR[2] 81.20

2021 GE rank[3] 91.00

Assumed knowledge
Mathematics Advanced, Chemistry

Underpinning the practice of medicine, Medical Science delves into how the body functions - reactions to disease, drugs, treatments, and the role of genetics. The degree provides the basis for a career in biomedical research and for a move on to graduate medical or paramedical studies.

Career opportunities

Medical Science graduates 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.

Structure

Medical Science Core Courses
+
Sciif1111
+
Medical Science Electives
+
General Science Elective
+
Free Electives
(from any faculty at UNSW)
+
General Education
Non-Science Courses

Majors

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

Bachelor of **Medicinal Chemistry (Honours)**

Program code 3999

Duration 4 years

2020 lowest selection rank[1] 90.00

2020 Lowest ATAR[2] 80.00

2021 GE rank[3] 90.00

Assumed knowledge
Mathematics Advanced, Chemistry

Biology, biochemistry, pharmacology and essential chemistry techniques are among skills taught under this multidisciplinary degree, which encompasses all aspects of new drug design and development, from concept to clinic stages. In your Honours year, you will complete a supervised research project.

Career opportunities

Graduates are equipped with skills in modern molecular biology and pharmacology, underpinned with a comprehensive background in chemistry, with relevant synthetic skills necessary for synthesising complex drug candidates. Graduates are in high demand in local and global pharmaceutical companies involved in modern drug design, as well as in research, government and education sectors.

Structure

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

Double degree options:

- Law

Bachelor of **Psychological Science**

Program code 3435

Duration 3 years
(+ 1 year Honours option)

2020 lowest selection rank[1] 87.00

2020 Lowest ATAR[2] 77.20

2021 GE rank[3] 88.00

Assumed knowledge
Mathematics Standard 2 or Advanced (depending on major)

This degree allows you to study for an accredited three-year degree in Psychology at the same time as undertaking a complementary major in related areas including marketing, human resource management, management, criminology, linguistics, philosophy, vision science and neuroscience.

Career opportunities

Psychologists are employed in a broad range of areas incldluing: 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 completing a complementary major outside of the Faculty of Science, students are deemed to have met their general education requirements.

Majors

- Criminology
- Human Resource Management
- Linguistics
- Management
- 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

2020 lowest selection rank[1] 98.00

2020 Lowest ATAR[2] 91.85

2021 GE rank[3] 98.00

Assumed knowledge
Mathematics Advanced

Psychology is the study of mind and behaviour. Topics of study include learning, memory, cognition, perception, neuroscience, and developmental, forensic, social, and abnormal psychology. Students gain an integrated and comprehensive knowledge in the main discipline areas of psychology and develop strong research, analytical and communication skills.

Career opportunities

Psychologists work in a range of organisations within both 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, statistical and data analysis, and many other areas.

Structure

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

Professional accreditation

This is an Australian Psychology Accreditation Council (APAC) accredited 4-year undergraduate sequence in Psychology. This program 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

2020 lowest selection rank[1] 95.00

2020 Lowest ATAR[2] 89.00

2021 GE rank[3] 95.00

Assumed knowledge
Mathematics Extension 1

Structure
Major
+
SCIF1131
+
Science Electives
+
Free Electives
(from any faculty at UNSW)
+
General Education
Non-Science Courses
+
1 year Honours

High-achieving students who want to specialise in mathematics as a basis for an increasing range of quantitative careers - in areas such as finance and environmental modelling - will be attracted to the Advanced Mathematics degree. The four-year degree combines advanced coursework with an Honours-level research project.

Career opportunities
Opportunities exist 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

Bachelor of **Science**

Program code 3970

Duration 3 years
(+ 1 year Honours option)

2020 lowest selection rank[1] 85.00

2020 Lowest ATAR[2] 75.00

2021 GE rank[3] 85.00

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

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

If you want to pursue a career in science but aren't sure what field, this degree offers flexibility. You are encouraged to choose a broad range of courses in your first year, to expand your general understanding, then choose from a wide selection of major options in second and third year.

Career opportunities
Recent graduates work in business, industry, government and universities. They are employed in areas as diverse as pharmaceutical and medical research, public policy, occupational health and safety, environmental research and industry, manufacture of new products, forensic science, patent law, cognitive science, oceanography, food manufacture, 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
- 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:
- Actuarial Studies
- Arts
- Commerce
- Computer Science
- Economics
- Education (Secondary)
- Engineering (Hons)
- Fine Arts
- Law
- Music
- Social Science

I found that UNSW was more flexible with degree programs and offered other majors that complemented my interests. I was able to get involved with uni life and societies in my third year, which opened many doors for me! It was a big year and I felt privileged to be able to do outreach events like Girls In Science and Science Week for local high schools.

—

Karoleena Ivanov,
Bachelor of Science

Bachelor of **Science (International)**

Program code 3987

Duration 4 years

2020 lowest selection rank[1] 88.00

2020 Lowest ATAR[2] 78.15

2021 GE rank[3] 88.00

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

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

Scientists increasingly need to be experts in their field and qualified to interact effectively with colleagues around the world. This degree focuses on a Science major as well as cross-cultural skills, knowledge and understanding. It includes subsidised study overseas at a UNSW partner university.

Career opportunities
This is a flexible degree with a broad range of career options in Australia and overseas. Graduates are 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
Students must complete one approved Bachelor of Science (International) major and one language minor. Science discipline areas: refer to Bachelor of Science.

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

Note
Students must complete an International exchange of 24 - 48 units of credit
(4 - 8 courses at an approved UNSW overseas partner university)

Bachelor of **Science and Business**

Program code 3925

Duration 3 years

2020 lowest selection rank[1] 90.00

2020 Lowest ATAR[2] 80.65

2021 GE rank[3] 90.00

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

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

Are you a future entrepreneur who wants to pursue a business career in a scientific industry? This degree is two-thirds Science and one-third Business. You will graduate with skills for working in the scientific industry as well as an understanding of the commercial environment in which you are employed.

Career opportunities
A variety of research, communication, leadership and management roles in science and technology-based public and private sectors. Graduates are skilled in the commercial applications of scientific research giving them a competitive edge in the graduate labour market. Examples include brand manager, product development manager, medical sales and technical specialist and marketing and communications specialist. Recent graduates have also started a variety of successful science-based commercial businesses.

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

Double degree options:
- Law

Bachelor of **Vision Science**

Program code 3181

Duration 3 years

2020 lowest selection rank[1] 94.00

2020 Lowest ATAR[2] 85.50

2021 GE rank[3] 96.00

Assumed knowledge
Mathematics Advanced, Chemistry, Physics, English Advanced

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

Vision Science is the study of the sensory processes that underlie vision and the development and use of vision-related technologies. This degree aims to develop scientists who understand how we see and interact with our world. Graduates will have 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, and research design, methods and experimentation.

Career opportunities
Employment opportunities exist in a wide range of optics, vision science and ophthalmology research laboratories which involve the development of vision correction devices such as contact lenses, spectacles, ocular implants, imaging, and drug development. Specific examples include work as an Ophthalmic Assistant, in ophthalmic industries and in eye and vision research.

Bachelor of **Vision Science / Master of Clinical Optometry**

Program code 3182

Duration 5 years

2020 lowest selection rank[1] 99.50

2020 Lowest ATAR[2] 92.65

2021 GE rank[3] N/A

Assumed knowledge
Mathematics Advanced, Chemistry, Physics and English Advanced

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

This degree combines the theoretical discipline of vision science with the clinical art of primary eye care. Graduates of this program can register as an optometrist in Australia having studied the physiology of the eye, the diagnosis and management of people with ocular disease or with special needs (children, low vision, sports vision, workplace needs), the psychophysics of vision and the neuroscience of the brain.

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

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

Science double degrees

Degree	Duration	2020 lowest selection rank[1]	2020 lowest ATAR[2]	2021 GE rank[3]
Advanced Mathematics (Hons)/Arts	5 years	95.00	92.05	95.00
Advanced Mathematics (Hons)/ Computer Science	5 years	95.00	89.70	95.00
Advanced Mathematics (Hons)/ Engineering (Hons)	6 years	95.00	87.90	95.00
Advanced Science (Hons)/Arts	5 years	95.00	87.60	95.00
Advanced Science (Hons)/ Computer Science	5 years	95.00	87.25	95.00
Advanced Science (Hons)/ Engineering (Hons)	6 years	95.00	85.00	95.00
Advanced Science (Hons)/Fine Arts	5 years	95.00	89.60	95.00
Advanced Science (Hons)/ Social Science	5.7 years	N/A	N/A	95.00
Environmental Management/Arts	4.7 years	80.00	70.00	80.00
Materials Science and Engineering (Hons)/Commerce	5.7 years	95.00	<5 offers	96.00
Materials Science and Engineering (Hons)/Engineering Science in Chemical Engineering	5 years	93.00	93.05	93.00
Materials Science and Engineering (Hons)/Master of Biomedical Engineering	5 years	93.00	88.15	93.00
Science/Arts	4 years	85.00	75.15	85.00
Science/Fine Arts	4 years	85.00	75.85	85.00
Science/Social Science	4.7 years	N/A	N/A	85.00

To see a list of all UNSW double degrees, turn to page 104.

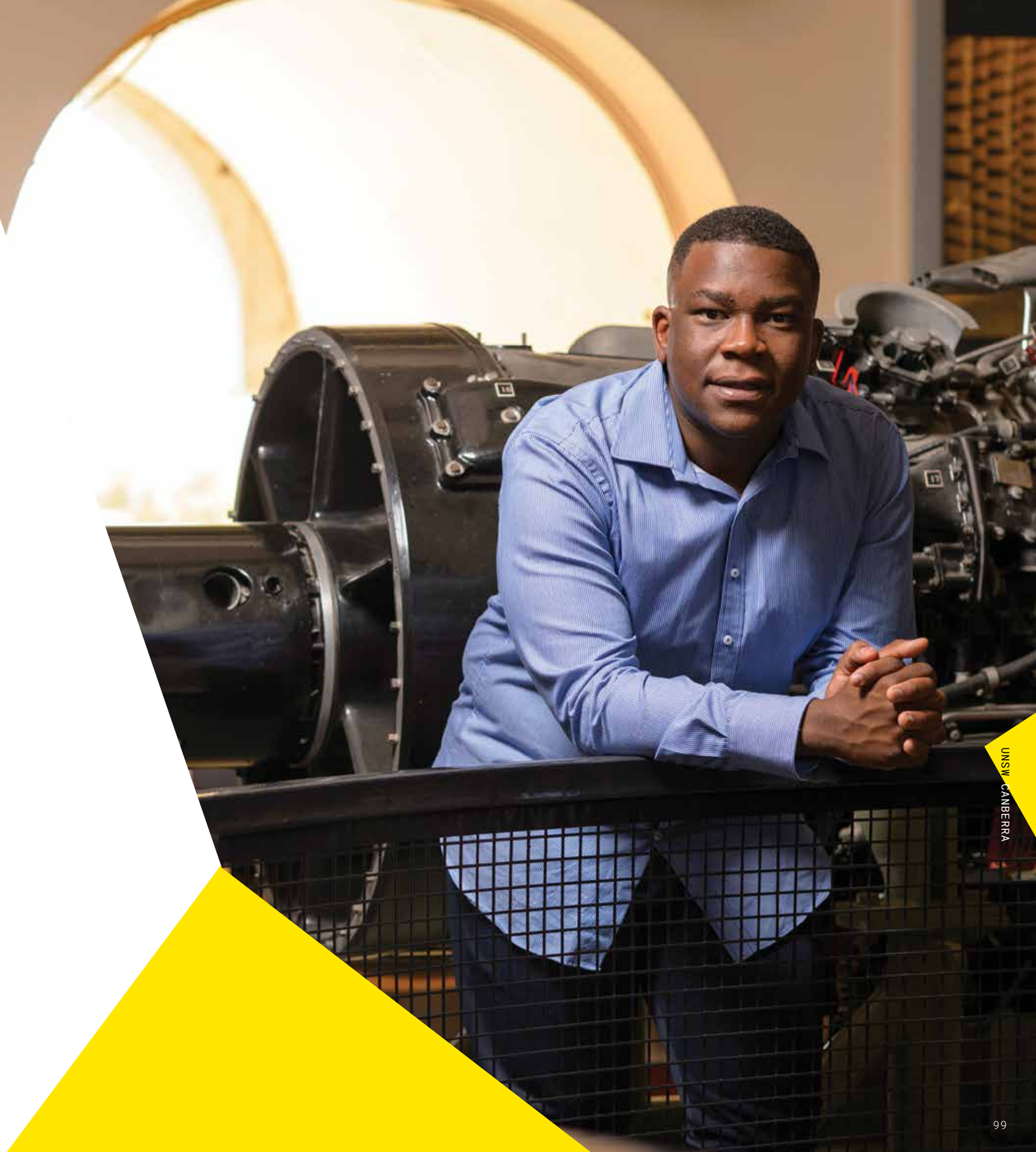
UNSW Canberra

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.



Admission to UNSW Canberra Degrees

UNSW Canberra 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 the Australian Defence Force Academy (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 defence.gov.au/APSCareers/DCUS.asp for more information.

Bachelor of **Arts**

Offered to Defence

Program code 4400

Duration 3 years (+ 1 year Honours option)

2020 lowest selection rank[1] 75.00 + Defence selection

2020 lowest ATAR[2] 71.00

2021 GE rank[3] N/A

Assumed knowledge 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)

2020 lowest selection rank[1] 80.00 + Defence selection

2020 lowest ATAR[2] 76.95

2021 GE rank[3] N/A

Assumed knowledge None

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)

2020 lowest selection rank[1] 80.00 + Defense selection

2020 lowest ATAR[2] 80.30

2021 GE rank[3] N/A

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

2020 lowest selection rank[1] 85.00 + Defence selection (Defence, DCUS) 93.00 (Non-Defence)

2020 lowest ATAR[2] 78.40 (Defence, DCUS) 90.10 (Non-Defence)

2021 GE rank[3] 93.00 (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.

This degree will prepare you for career undertaking these sort of roles within the Australian Defence force, the Department of Defence or with the companies that supply and/or support the ADF.

Bachelor of **Engineering (Honours) Civil**

Offered to Defence, DCUS, Non-Defence

Program code 4473

Duration 4 years

2020 lowest selection rank[1] 85.00 + Defence selection (Defence, DCUS) 93.00 (Non-Defence)

2020 lowest ATAR[2] 86.05 (Defence, DCUS) <5 offers (Non-Defence)

2021 GE rank[3] 93.00 (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

2020 lowest selection rank[1] 85.00 + Defence selection (Defence, DCUS) 93.00 (Non-Defence)

2020 lowest ATAR[2] 82.35 (Defence, DCUS) <5 offers (Non-Defence)

2021 GE rank[3] 93.00 (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

2020 lowest selection rank[1] 85.00 + Defence selection (Defence, DCUS) 93.00 (Non-Defence)

2020 lowest ATAR[2] 85.05 (Defence, DCUS) 92.15 (Non-Defence)

2021 GE rank[3] 93.00 (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 **Science**

Offered to Defence

Program code 4410

Duration 3 years (+ 1 year Honours option)

2020 lowest selection rank[1] 75.00 + Defence selection

2020 lowest ATAR[2] 74.20

2021 GE rank[3] N/A

Assumed knowledge Mathematics Advanced, 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

2020 lowest selection rank[1] 85.00 + Defence selection

2020 lowest ATAR[2] 86.00

2021 GE rank[3] N/A

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.

Bachelor of **Technology (Aviation)**

Offered to Defence

Program code 4437

Duration 3 years

2020 lowest selection rank[1] 80.00 + Defence selection

2020 lowest ATAR[2] 73.20

2021 GE rank[3] N/A

Assumed knowledge Mathematics Advanced, Physics

Pilots, air combat officers, maritime aviation warfare officers and joint battlefield airspace controllers all have particular roles in aviation, infrastructure and safety management systems. In this degree, you will develop an understanding of those functions, as well as sound knowledge of the safety practices that underpin aviation.

Career opportunities

The Bachelor of Technology (Aviation) covers technical and operational aspects of aircraft safety and management. A key element of this program is the focus on the human factors in the aviation discipline. There is also an emphasis on the functions of pilots, air combat officers and aircraft controllers and their role in aviation.

Canberra **double degrees**

Degree	Duration	2020 lowest selection rank[1]	2020 lowest ATAR[2]	2021 GE rank[3]
Engineering (Hons)(Aeronautical)/Science	5 years	93.00	< 5 offers	93.00
Engineering (Hons)(Civil)/Science	5 years	93.00	< 5 offers	93.00
Engineering (Hons)(Electrical)/Science	5 years	93.00	< 5 offers	93.00
Engineering (Hons)(Mechanical)/Science	5 years	93.00	< 5 offers	93.00

To see a list of all UNSW double degrees, turn to page 104.

Degree index

Degree	Duration (years)	2021 GE rank[3]	2020 IB[4]	Page
Art & Design				
Design	3F	80.00	29	30
Design/Media (PR & Advertising)	4.7F	84.00	31	31
Fine Arts	3F	80.00	29	31
Fine Arts/Arts	4F	80.00	29	31
Media Arts	3F	80.00	29	30
Arts & Social Sciences				
Arts	3F	80.00	29	36
Arts and Business	3F	90.00	34	36
Arts/Education (Secondary)	4F	80.00	29	35
Commerce/Education (Secondary)	4F	96.00	37	37
Criminology & Criminal Justice	3F	82.00	30	35
Design/Education (Secondary)	4.7F	80.00	29	36
Economics/Education (Secondary)	4F	93.00	36	38
Fine Arts/Education (Secondary)	4F	80.00	29	36
International Studies	4F	90.00	33	39
International Studies/ Media (Communication and Journalism)	5F	90.00	33	43
International Studies/ Media (PR & Advertising)	5F	90.00	33	43
International Studies/ Media (Screen and Sound Production)	5F	90.00	33	43
Media Arts/Education (Secondary)	4F	80.00	29	38
Music	4F	80.00 + Audition	29 + Audition	41
Music/Arts	5F	80.00 + Audition	29 + Audition	43
Music/Education (Secondary)	5F	80.00 + Audition	29 + Audition	38
Music/Media (Communication and Journalism)	5F	84.00 + Audition	31 + Audition	41
Music/Media (PR and Advertising)	5F	84.00 + Audition	31 + Audition	43
Music/Media (Screen and Sound Production)	5F	84.00 + Audition	31 + Audition	41
Music/Commerce	5F	96.00 + Audition	37 + Audition	41
Music/Engineering (Hons)	6.7F	93.00 + Audition	36 + Audition	41
Music/Science	5F	85.00 + Audition	31 + Audition	41
Music/Advanced Science (Hons)	6F	95.00 + Audition	37 + Audition	41
Media (Communication & Journalism)	3F	84.00	31	40
Media (Communication & Journalism)/Arts	4F	84.00	31	41
Media (PR and Advertising)	3F	84.00	31	40
Media (PR and Advertising)/Arts	4F	84.00	31	41
Media (Screen & Sound Production)	3F	84.00	31	40
Media (Screen & Sound Production)/Arts	4F	84.00	31	41
Politics, Philosophy & Economics	3F	96.00	38	41
Science/Education (Secondary)	4F	85.00	31	38
Social Science	3F	80.00	29	42
Social Work (Hons)	4F	80.00	29	42
Social Work (Hons)/Arts	5.7F	80.00	29	41
Social Work (Hons)/ Social Science	5.7F	80.00	29	41
Social Work (Hons)/ Criminology & Criminal Justice	5F	82.00	30	41
Built Environment				
Architectural Studies	3F	95.00	37	48
City Planning (Hons)	4F	84.00	29	49
Computational Design	3F	80.00	29	49
Construction Management & Property	3F	85.00	29	50
Industrial Design	3F	80.00	29	50
Interior Architecture (Hons)	4F	80.00	29	51
Landscape Architecture (Hons)	4F	80.00	29	49
UNSW-Tongji Double Degree in Architecture	4F	N/A	N/A	48
UNSW Business School				
Actuarial Studies	3F	97.50	39	57
Actuarial Studies (Co-op)	3F	97.50 + Co-op	39 + Co-op	59
Actuarial Studies/ Advanced Mathematics (Hons)	5F	97.50	37	59
Actuarial Studies/ Commerce	4F	97.50	37	59
Actuarial Studies/ Computer Science	4F	97.50	37	59
Actuarial Studies/ Economics	4F	97.50	37	59
Actuarial Studies/ Information Systems	4F	97.50	37	59
Actuarial Studies/ Science	4F	97.50	37	59
Commerce	3F	96.00	37	56
Commerce (Co-op)	3F	96.00 + Co-op	38 + Co-op	59
Commerce (Co-op) (Hons)	4F	96.00 + Co-op	38 + Co-op	59
Commerce (International)	4F	97.00	39	57
Commerce/Advanced Mathematics (Hons)	5F	96.00	37	59
Commerce/Advanced Science (Hons)	4F	96.00	37	59
Commerce/Arts	4F	96.00	37	59
Commerce/Aviation Management	4F	96.00	37	59
Commerce/ Computer Science	4F	96.00	37	59
Commerce/Design	4F	96.00	37	59
Commerce/Fine Arts	4F	96.00	37	59
Commerce/Economics	4F	96.00	37	57
Commerce/Information Systems	4F	96.00	37	57
Commerce/Media (PR & Advertising)	4F	96.00	37	57
Commerce/Science	4F	96.00	37	57
Economics	3F	93.00	36	58
Economics/Advanced Mathematics (Hons)	5F	95.00	37	57
Economics/Advanced Science (Hons)	5F	95.00	37	57
Economics/Arts	4F	93.00	37	57
Economics/ Computer Science	5F	93.00	36	57
Economics/Science	4F	93.00	37	57
Information Systems	3F	90.00	34	58
Information Systems (Co-op) (Hons)	3F	96.00 + Co-op	38 + Co-op	57
Engineering				
Computer Science	3F	93.00	36	64
Computer Science/Arts	4F	93.00	36	71
Computer Science/ Media Arts (Hons)	4F	93.00	36	71
Computer Science/Science	4F	93.00	36	71
Engineering (Hons) All specialisations	4F	93.00	36	64-69
Engineering (Hons)/Arts	5-5.7F	93.00	36	71
Engineering (Hons) (Civil with Architecture)	4F	95.00	37	69
Engineering (Hons)/ Commerce	5.7F	96.00	37	71
Engineering (Hons)/ Computer Science	5F	93.00	36	71
Engineering (Hons)/ Engineering Science	5F	93.00	36	71
Engineering (Hons)/M Biomedical Engineering	5F	93.00	36	71
Engineering (Hons)/ Science	5F	93.00	36	71
Engineering (Hons) (Civil)/Surveying	5F	93.00	36	71
Engineering (Hons) (Electrical)/M Engineering (Electrical)	5F	96.00	38	70

Degree	Duration (years)	2021 GE rank[3]	2020 IB[4]	Page
Food Science (Hons)	4F	93.00	36	70
Law				
Actuarial Studies/Law	5F	N/A	38 + LAT	77
Advanced Mathematics (Hons)/Law	6F	N/A	38 + LAT	77
Advanced Science (Hons)/Law	6F	N/A	38 + LAT	77
Arts/Law	5F	N/A	38 + LAT	77
Arts & Business/Law	6F	N/A	38 + LAT	77
City Planning (Hons)/ Law	6.7F	N/A	38 + LAT	77
Commerce/Law	5F	N/A	38 + LAT	77
Computer Science/Law	5F	N/A	38 + LAT	77
Criminology & Criminal Justice/Law	5F	N/A	38 + LAT	77
Data Science & Decisions/Law	5.7F	N/A	38 + LAT	77
Economics/Law	5F	N/A	38 + LAT	77
Engineering (Hons)/Law	6.7F	N/A	38 + LAT	77
Fine Arts/Law	5F	N/A	38 + LAT	77
International Studies/ Law	6F	N/A	38 + LAT	77
Media (Communication & Journalism)/Law	5F	N/A	38 + LAT	77
Media (PR & Advertising)/Law	5F	N/A	38 + LAT	77
Media (Screen & Sound Production)/Law	5F	N/A	38 + LAT	77
Medicinal Chemistry (Hons)/Law	6.7F	N/A	38 + LAT	77
Music/Law	6F	N/A	38 + LAT + Audition	77
Politics, Philosophy & Economics/Law	6F	N/A	38 + LAT	77
Psychological Science/ Law	5F	N/A	38 + LAT	77
Psychology (Hons)/Law	6F	N/A	38 + LAT	77
Science/Law	5F	N/A	38 + LAT	77
Science & Business/Law	6F	N/A	38 + LAT	77
Social Science/Law	5.5F	N/A	38 + LAT	77
Social Work (Hons)/Law	6.7F	N/A	38 + LAT	77

Degree	Duration (years)	2021 GE rank[3]	2020 IB[4]	Page
Medicine				
Exercise Physiology	4F	90.00	31	83
International Public Health (Online)	3F	80.00	29	83
Medical Studies/Doctor of Medicine	6F	N/A	ATAR + UCAT ANZ + Interview	82
Medical Studies/Doctor of Medicine/Arts	8F	N/A	ATAR + UCAT ANZ + Interview	83
Science				
Advanced Mathematics (Hons)	4F	95.00	37	94
Advanced Mathematics(Hons)/Arts	5F	95.00	37	97
Advanced Mathematics (Hons)/Computer Science	5F	95.00	37	97
Advanced Mathematics (Hons)/Engineering (Hons)	6F	95.00	37	97
Advanced Science (Hons)	4F	95.00	37	90
Advanced Science (Hons)/ Arts	5F	95.00	37	97
Advanced Science (Hons)/ Computer Science	5F	95.00	37	97
Advanced Science (Hons)/ Engineering (Hons)	6F	95.00	37	97
Advanced Science (Hons)/ Fine Arts	5F	95.00	37	97
Advanced Science (Hons)/ Social Science	5.7F	95.00	37	97
Aviation (Flying)	3F	80.00 + Interview	29 + Interview	90
Aviation (Management)	3F	80.00	29	89
Biotechnology (Hons)	4F	85.00	31	89
Data Science & Decisions	3F	95.00	37	90
Environmental Management	3F	80.00	29	90
Environmental Management/Arts	4.7F	80.00	29	97
Life Sciences	3F	80.00	29	91
Material Science & Engineering (Hons)	4F	87.00	31	91
Material Science & Engineering (Hons)/ Commerce	5.7F	96.00	37	95

Degree	Duration (years)	2021 GE rank[3]	2020 IB[4]	Page
Material Science & Engineering (Hons)/ Engineering Science in Chemical Engineering	5F	93.00	36	95
Materials Science & Eng(Hons)/M Biomedical Engineering	5F	93.00	36	95
Medical Science	3F	91.00	34	92
Medicinal Chemistry (Hons)	4F	90.00	34	92
Psychological Science	3F	88.00	32	93
Psychology (Hons)	4F	98.00	40	93
Science	3F	85.00	31	94
Science (International)	4F	88.00	32	95
Science/Arts	4F	85.00	31	95
Science/Fine Arts	4F	85.00	31	95
Science/Social Science	4.7F	85.00	31	95
Science and Business	3F	90.00	34	95
Vision Science	3F	96.00	37	96
Vision Science/Master of Clinical Optometry	5F	N/A	43	96
Canberra (defence students)				
Arts	3F	N/A	27 + Defence Selection	100
Business	3F	N/A	29 + Defence Selection	100
Technology (Aeronautical)	3F	N/A	31 + Defence Selection	103
Technology (Aviation)	3F	N/A	29 + Defence Selection	103
Science	3F	N/A	27 + Defence Selection	102

Degree	Duration (years)	2021 GE rank[3]	2020 IB[4]	Page
Canberra (defence and DCUS students)				
Computing & Cyber Security	3F	N/A	29 + Defence Selection	100
Engineering (Hons) (Aeronautical)	4F	N/A	31 + Defence Selection	101
Engineering (Hons) (Civil)	4F	N/A	31 + Defence Selection	101
Engineering (Hons) (Electrical)	4F	N/A	31 + Defence Selection	102
Engineering (Hons) (Mechanical)	4F	N/A	31 + Defence Selection	102
Canberra (non-defence students)				
Engineering (Hons) (Aeronautical)	3F	93.00	36	99
Engineering (Hons) (Aeronautical)/Science	5F	93.00	36	101
Engineering (Hons) (Civil)	4F	93.00	36	99
Engineering (Hons) (Civil)/Science	5F	93.00	36	101
Engineering (Hons) (Electrical)	4F	93.00	36	100
Engineering (Hons) (Electrical)/Science	5F	93.00	36	101
Engineering (Hons) (Mechanical)	4F	93.00	36	100
Engineering (Hons) (Mechanical)/Science	5F	93.00	36	101

DEGREE INDEX

1. The 2020 Lowest Selection Rank (LSR) is the adjusted rank (ATAR plus adjustment factors) you would have needed to gain entry to this degree in 2020. To see a complete picture of UNSW offer data, visit degrees.unsw.edu.au
2. The 2020 Lowest ATAR is the lowest ATAR (before adjustment factors were applied) to which an offer was made (based on data up to January round 2, 2020). Where <5 offers is listed, this indicates that less than 5 ATAR-based offers were made and so the ATAR has not been published. N/A indicates no offers were made on the basis of ATAR.
3. For more information on Guaranteed Entry, please visit unsw.edu.au/ge
4. The 2020 IB Diploma is an indication of the IB you would have needed to gain entry to this degree in 2020. It is to be used as a guide only.

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 futurestudents.unsw.edu.au 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 26-103) or online at degrees.unsw.edu.au

Bridging courses

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

Visit unsw.edu.au/bridging for more information.

Additional selection criteria

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

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

Visit degrees.unsw.edu.au to find out whether your degree has any additional selection criteria.

Guaranteed Entry

Guaranteed Entry (GE) provides clarity by publishing a GE Selection Rank that assures your entry to UNSW in a particular degree. When considering your application for GE, we look at your ATAR plus any eligible adjustment factors. You can find the GE Selection Rank for each degree in the following pages or you can check online at degrees.unsw.edu.au. Don't forget, if you don't get GE for your degree of choice in December Round 2, you may still have a chance in a subsequent UAC offer round if there are places available in that degree.

Get guaranteed at unsw.edu.au/ge

Deferring

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

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

Key dates

It's important to get your application in on time, check the key dates for admission at uac.edu.au

Applying is easy.

Step 1 – Head online

All domestic applications for undergraduate study are made via UAC. Head online to uac.edu.au to get more information and to ensure you fully understand the process before you get started.

Step 2 – Check your dates

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

Step 3 – Apply

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

Step 4 – Accept your offer

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

Adjustment factors

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

How do I apply?

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

Educational Access Scheme

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

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

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

To be eligible to apply for consideration you must:

- Be an Australian or New Zealand citizen, or a permanent resident of Australia (includes holders of a permanent humanitarian visa) AND
- Have experienced long-term educational disadvantage so that your Year 11 and/or Year 12 studies (or equivalent) have been affected by circumstances beyond your control
- Achieve an ATAR or equivalent
- Not be currently enrolled in or have previously undertaken university, TAFE, college or other tertiary level studies either here or overseas (tertiary being defined as Diploma level or above).

Visit uac.edu.au/eas for all the details.

A maximum of 10 points can be used toward your UNSW admission across these adjustment factor schemes.

Alternative entry

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

UNSW Gateway Early Conditional Offer Scheme

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

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

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

Faculty-specific entry pathways

UNSW Art & Design Portfolio Entry
If you are anticipating an ATAR (or equivalent) within 10 points of the Guaranteed Entry rank, UNSW Art & Design invites you to submit a portfolio of art, design, media or written work to support your application. While some students are admitted based on their academic performance alone, submitting a portfolio can boost your chance of an offer.

For more information, visit
artdesign.unsw.edu.au/portfolio-entry

UNSW Built Environment Portfolio Entry
At UNSW Built Environment, we recognise your creative potential. If you are anticipating an ATAR (or equivalent) within 10 points of the Guaranteed Entry rank, you can submit a portfolio of your best creative work to showcase your talent and boost your chance of an offer.

For more information, visit
unsw.to/beportfolioentry

Faculty of Engineering Admissions Scheme (FEAS)
If you are passionate about all things engineering and you are anticipating an ATAR (or equivalent) within 10 points of the Guaranteed Entry rank, then the Faculty of Engineering Admissions Scheme (FEAS) is for you! You will need to submit a personal statement along with your school report and a short video demonstrating how and why you are suited to engineering studies.

For more information, visit eng.unsw.edu.au/feas

Bachelor of Information Systems Admission Scheme (BISAS)
You may be interested in the Bachelor of Information Systems Admission Scheme (BISAS) if you are anticipating an ATAR (or equivalent) within 10 points of the Guaranteed Entry rank. You will also need to complete a questionnaire and attend an interview.

For more information, visit
business.unsw.edu.au/bisas

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

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

Pathways for domestic students

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

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

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

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

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

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

For more information, visit
unsw.edu.au/unswprep17-19

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

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

Entry programs for Australian Aboriginal and Torres Strait Islander People

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

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

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

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

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

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

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

Scholarships

UNSW scholarships provide financial support for full-time study for the duration of your degree program, so you can make the most of your time as a student here. Along with short-term awards, grants and other forms of student support, we can help you realise your dreams of studying with us.

Equity scholarships

An equity scholarship may assist you if you are experiencing financial or other educational disadvantage relating to university access and study. There are scholarship programs available for students from low-SES backgrounds, regional, rural and remote areas, and for students who are Aboriginal and/or Torres Strait Islander. If you are from an identified low-SES background you do not need to separately apply for an equity scholarship as this will automatically be generated as part of your UAC undergraduate application, unless you want us to know about additional hardships that may have impacted your senior schooling.

To check if you meet the identified low-SES criteria, visit uac.edu.au/assets/documents/eas/eas-socio-economicindexes-for-areas-seifa.pdf

To check if you meet the UAC categories for additional hardships, visit
uac.edu.au/eas
uac.edu.au/equity

Merit scholarships

Merit scholarships recognise students who demonstrate exceptional academic achievements or other outstanding qualities such as elite sporting ability or leadership potential. Scholarships are also available to travel overseas on an exchange program, pursue Honours or undertake research projects that may help you succeed in your chosen field. Most Merit scholarships require an application online and some are awarded automatically based on Year 12 results.

How to apply

Equity Scholarships

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

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

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

or

2. An Equity Scholarships Application via UAC (uac.edu.au/equity)

Merit Scholarships

Step 1 – Search

Visit scholarships.unsw.edu.au and search for scholarships by category. Click on each scholarship program for more information and application instructions.

Step 2 – Register

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

Step 3 – Apply

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

Step 4 – Submit

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

UNSW Co-op Program

As the foremost career development scholarship in Australia, the UNSW Co-op Program offers high-achieving high school leavers leadership and professional development training, networking opportunities, mentoring, and financial support of $19,600 per year, guaranteed for four years*.

Australia's leading companies take part in the program to recruit high-potential graduates. The Co-op Program is offered across selected degrees in Business, Engineering and Science. Scholarship candidates are selected on the basis of their academic ability, but also on their communication skills, leadership potential and commitment to the four-year program.

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

How Co-op helps

- Connects you with more than 3,000 Co-op alumni.
- Helps you forge life-changing personal and professional connections.
- Recruits Australia's best and brightest.
- Awards over $6.5 million in scholarships every year ($19,600 per scholar).
- Partners with more than 150 leading Australian companies.
- Combines academic excellence with real industry experience.
- Supports global opportunities for you to represent Australia on the world stage.
- Produces professionals, not just graduates.
- Launches great careers!

We are looking for Co-op scholars who:

- Are active in their school and/or community
- Show initiative and leadership
- Make a significant contribution to their school or community
- Communicate well
- Enjoy working with other people
- 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 specialisation
- Are ambitious and keen to contribute
- Care about what is happening in the community, the country and the world at large.

If this sounds like you, and you are an Australian citizen, Australian permanent resident, Australian permanent humanitarian visa holder or a New Zealand citizen, we strongly encourage you to apply.

Applications close on Wednesday, 30 September 2020. For more information, visit coop.unsw.edu.au

International Student Admissions

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

Entry requirements

Entry requirements for international students are different to those for domestic students. Please refer to page 121 for a guide to international entry requirements.

English language requirements

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

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

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

Alternative entry and pathways

The alternative entry schemes listed below are available to you as an international student if you are studying an Australian High school qualification. Combined with your ATAR or equivalent, they may assist you in meeting our entry requirements. More information can be found on pages 112-113 of this guide.

- UNSW Art & Design Portfolio Entry
- UNSW Built Environment Portfolio Entry
- Faculty of Engineering Admissions Scheme (FEAS)
- Degree transfer – internally
- TAFE or university study

International Students are not eligible for adjustment factors.

In addition, you may consider these pathways designed specifically for international students:

UNSW Diploma Programs

Our Diploma programs are designed for international students who miss out on direct entry to a UNSW degree and who want to fast track to the second year* of an undergraduate degree in Business, Computer Science, Engineering or Science at UNSW Sydney.

Diploma in Engineering specialisations include: Aerospace, Chemical, Chemical Product Engineering, Civil, Computer Engineering, Electrical, Environmental, Manufacturing, Mechanical, Mechatronic, Mining, Petroleum, Photovoltaics and Solar Energy, Renewable Energy, Telecommunications, Bioinformatics and Materials Science.

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

A **Diploma in Business** is your first step towards a career in business and finance. The Diploma in Business is a pathway into the Bachelor of Commerce and the Bachelor of Economics. On successful completion of the Diploma you will progress straight into second year of a undergraduate degree at UNSW Business School, the #1 ranked Business school in Australia.

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

For more information, visit diploma.unswglobal.unsw.edu.au

UNSW Foundation Studies

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

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

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

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 February 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

Fees and expenses

Tuition Fees

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

Deposit

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

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

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	INTL ATAR	INTL IB
Art & Design		
Design ● ●	75.00	26
Fine Arts ● ●	75.00	26
Media Arts ● ●	75.00	26
Arts & Social Sciences		
Arts ●	75.00	26
Arts and Business ●	85.00	31
Criminology & Criminal Justice ●	77.00	27
Education (Secondary)/Arts	75.00	26
Education (Secondary)/Commerce	90.00	33
Education (Secondary)/Design	75.00	26
Education (Secondary)/Economics	88.00	32
Education (Secondary)/Fine Arts	75.00	26
Education (Secondary)/Media Arts	75.00	26
Education (Secondary)/Music ●	75.00	26
Education (Secondary)/Science	80.00	29
International Studies ●	84.00	30
Media (Communication & Journalism) ●	79.00	28
Media (PR & Advertising) ●	79.00	28
Media (Screen & Sound Production) ●	79.00	28
Music ● ●	75.00	26
Politics, Philosophy & Economics ●	91.00	34
Social Science ●	75.00	26
Social Work (Hons) ●	75.00	26
Built Environment		
Architectural Studies ●	90.00	33
City Planning (Hons) ●	75.00	26
Computational Design ●	75.00	26
Construction Management and Property	75.00	26
Industrial Design ●	75.00	26
Interior Architecture (Hons) ●	75.00	26
Landscape Architecture (Hons) ●	75.00	26
Business School		
Actuarial Studies ●	94.00	36
Commerce ●	90.00	34
Commerce (International)	92.00	35
Economics ●	88.00	32
Information Systems ●	85.00	31
Engineering		
Engineering (Hons) ● ● ●	88.00	32
Civil Engineering with Architecture (Hons)	90.00	33
Computer Science ● ●	88.00	32
Food Science (Hons) ●	88.00	32
Bachelor of Engineering (Honours), Master of Biomedical Engineering ●	88.00	32
Bachelor of Engineering (Honours), Master of Engineering (Electrical)	91.00	34
Law		
Combined Law ●	94.00	36
Medicine		
Exercise Physiology	80.00	29
International Public Health (online only)	75.00	27
Medical Studies/Doctor of Medicine ● ●	96.00	38
Science		
Advanced Mathematics (Hons) ●	90.00	33
Advanced Science (Hons) ●	90.00	33
Aviation (Flying) ●	75.00	27
Aviation (Management) ●	75.00	27
Biotechnology (Hons)	80.00	29
Data Science and Decisions ●	90.00	33
Environmental Management ●	75.00	27
Life Sciences	75.00	27
Materials Science and Engineering (Hons) ●	80.00	29
Medical Science	86.00	31
Medicinal Chemistry (Hons) ●	85.00	31
Psychological Science ●	82.00	30
Psychology (Hons) ●	93.00	36
Science ●	80.00	29
Science (International)	83.00	30
Science and Business ●	85.00	31
Vision Science ●	89.00	33
Bachelor of Vision Science/ Master of Clinical Optometry	95.00	37
UNSW Diploma in Computer Science	74.00	25
UNSW Diploma in Business	70.00	25
UNSW Diploma in Engineering ●	74.00	25
UNSW Diploma in Science ●	70.00	25
UNSW Foundation Studies ●	see program notes below	

Entry guide key

- ● This degree can be combined with other degrees. Refer to pages 102-105 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 102-105 for a the full list. Please note, there are additional entry requirements for entry to Law/Music.
- ● Incudes all Engineering specialisations within the Bachelor of Engineering (Honours). See page 102-105 for the full list.
- ● Applicants may be eligible for the Faculty of Engineering Admissions Scheme (FEAS). For more information visit unsw.to/feas
- ● Applicants may be eligible for UNSW Art & Design's Portfolio Entry Scheme. For more information visit artdesign.unsw.edu.au/international-portfolio-entry
- ● Applicants may be eligible UNSW Built Environment's Portfolio Entry Scheme. For more information visit unsw.to/beportfolioentry
- ● 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

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

Medicine
All international applicants are required to sit ISAT. Applicants must also submit an online registration form available from med.unsw.edu.au and attend an interview. Please read the faculty admissions information carefully.

UNSW Foundation Studies
UNSW Foundation Studies is a pathway for entry into most 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 55. For further information, please refer to page 117 or visit ufs.unsw.edu.au

UNSW Diplomas
The UNSW Diplomas Program is a pathway for entry into most UNSW Science and Engineering Bachelor degrees. For further information, please refer to page 117 or visit diploma.unswglobal.unsw.edu.au

What's on at UNSW

We have a busy schedule of events throughout 2020.
For more information and to register, head to unsw.to/whatson

March	18	Medicine Information Evening
	27	UNSW United Nations Workshop
April	7 & 30	Year 10 Info Evening
	14, 16, 20 & 23	Experience UNSW Built Environment Workshops
	17	Experience UNSW Business Day
	24	Experience UNSW Science Day
May	7	UNSW LAT Information Evening
	19 & 28	Year 10 Info Evening
	21	Experience UNSW Engineering Day
	27	Experience UNSW Science Day
June	11	Art & Design Degrees Info Evening
	16 & 18	Degrees and Scholarships Info Evening
	24	UNSW United Nations Workshop
July	6 - 10	UNSW Gateway Winter Program
	29	Experience UNSW Built Environment Workshop
August	22	ADFA Open Day
September	5	UNSW Open Day
	29 - 1 Oct	UNSW Gateway Spring Program
December	9	Experience Art & Design Annual Graduate Exhibition
	17	UNSW Info Day

Campus tours

Run all year round, our campus tours are guided by experienced Student Ambassadors who will give you a first-hand insight into the student experience at UNSW. To view our upcoming tour dates and register your attendance, visit unsw.to/campus-tours

Still curious?

Future Students Office

Degree and admission advice for domestic future students

Ask a question: unsw.edu.au/ask

1300 UNI NSW (1300 864 679)

futurestudents.unsw.edu.au

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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.