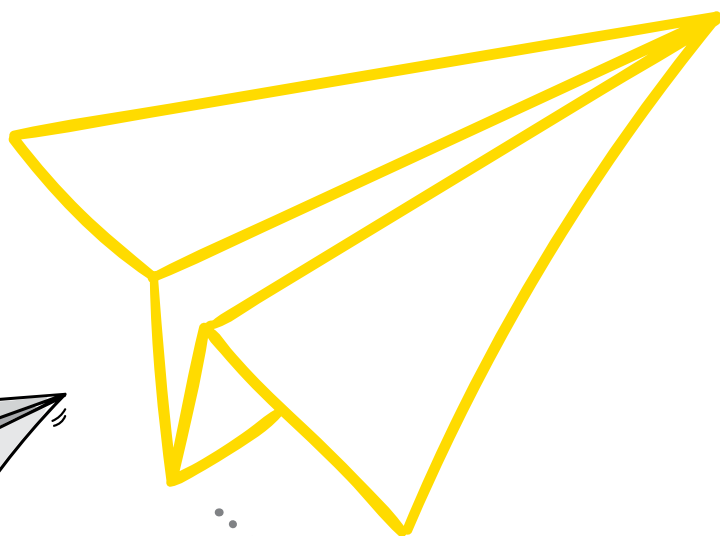
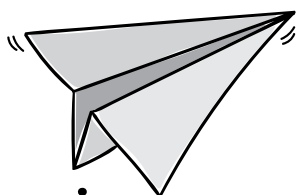




UNSW
SYDNEY

Australia's
Global
University

2018 Undergraduate Guide

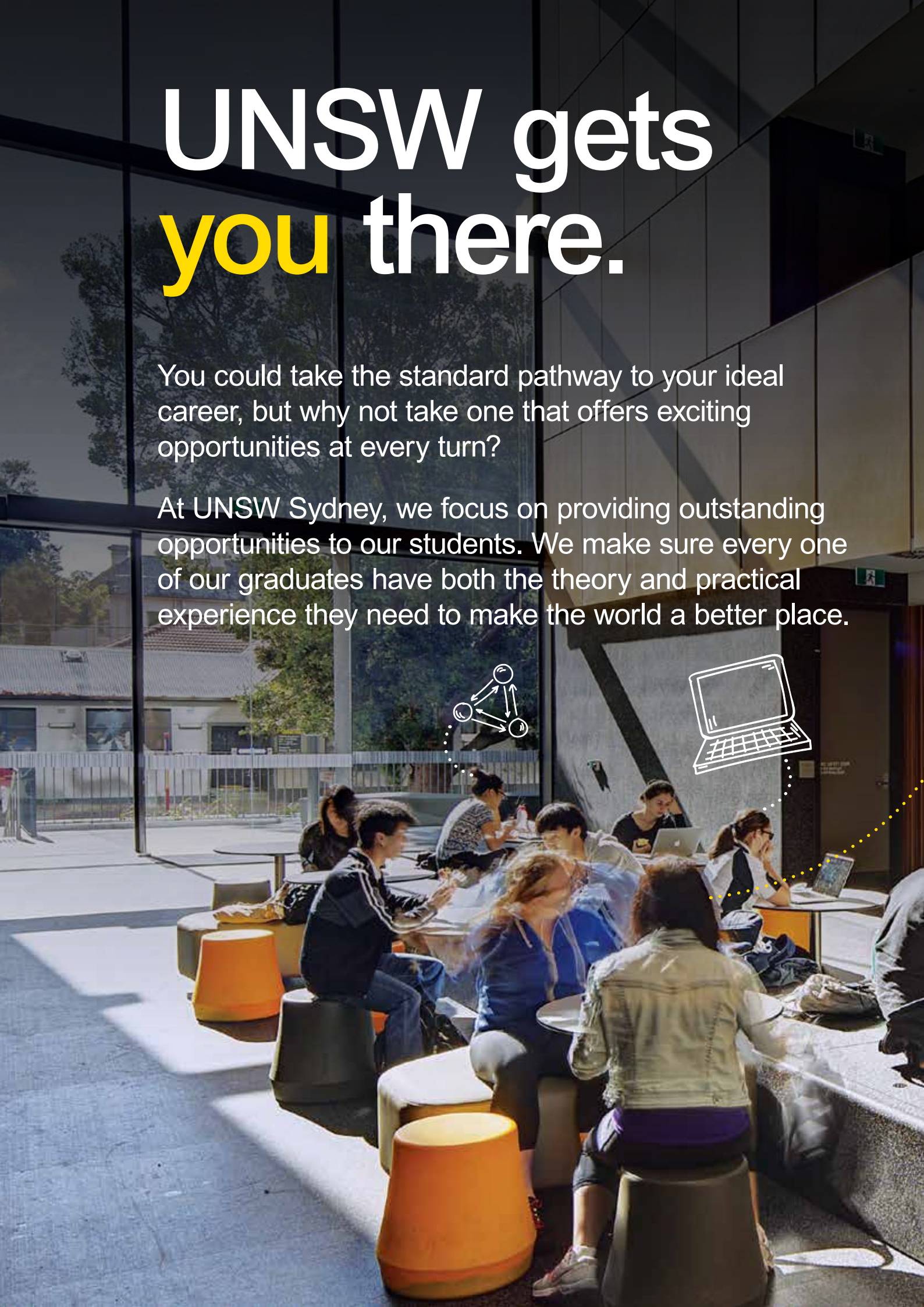


**Your
journey
starts here.**

UNSW gets **you** there.

You could take the standard pathway to your ideal career, but why not take one that offers exciting opportunities at every turn?

At UNSW Sydney, we focus on providing outstanding opportunities to our students. We make sure every one of our graduates have both the theory and practical experience they need to make the world a better place.





Top world ranking

UNSW is ranked 49th in the 2016 QS World University Rankings.



Top choice

LinkedIn's 30 most in-demand employers hire more UNSW graduates than any other university in Australia.



Campus development

Since 2009, UNSW has invested more than \$1.2b in new student and research facilities.

Your
world is
waiting.

You're in the **heart** of the action...

2

Your journey starts here



International airport 15mins



Coogee Beach 15mins

To date we've spent over \$1.2 billion on infrastructure to bring students the most cutting-edge facilities.

Our state-of-the-art research facilities rub shoulders with great cafés, shops, libraries, interesting clubs, societies and heaps of support services – all made to be accessible and welcoming.

From exhibiting in our edgy Art & Design gallery, to studying in our sustainably designed Tyree Energy Technologies building, or catching a live music gig at the Roundhouse – *whatever you're looking for* – UNSW stands out.



Kensington Campus



UNSW Art & Design



UNSW Canberra, ADFA



UNSW Kensington Campus

Our largest campus is based in Kensington – a short ride to the city centre and world-famous beaches, including Coogee and Bondi. It's big, but it's so easy to get around and all the conveniences are on hand, from recreational facilities to residential options, food and entertainment.

UNSW Art & Design

Our specialist Art & Design Faculty is situated in a purpose-built building in trendy Paddington. This area is bustling with cinemas, cafés, restaurants, bars and parks, and is within walking distance of the city centre. Plus, it's only 5kms from our Kensington Campus.

The campus incorporates high quality facilities such as museum standard galleries and state-of-the-art workshops, open studios and private workspaces, research and digital labs, student lounges and spaces for collaboration.

UNSW Canberra at ADFA

UNSW Canberra at the Australian Defence Force Academy (ADFA) is the Canberra campus of UNSW. Situated in the nation's capital, UNSW Canberra is a part of our world-class university operating in a military environment and also offers some non-defence degrees.

UNSW Canberra undergraduate students are employees of the Australian Defence Force. They live and study on campus, have access to the latest technology and facilities and enjoy the range of museums, galleries and open spaces that Canberra has to offer.



UNSW

ROBERT WEBSTER BUILDING

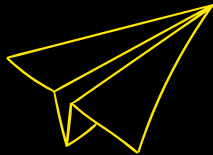
A photograph of a university campus. In the foreground, there are green bushes and a paved walkway with several people walking. In the middle ground, a wide set of stairs leads up to a building with a glass facade and a large, stylized tree sculpture. A yellow circle with the text "You are here" is overlaid on the right side of the image. A dotted yellow line starts from the circle and points towards the building in the background. A yellow paper airplane icon is also visible near the end of the dotted line.

**You are
here**

Explore with Australia's **Global** University.

6

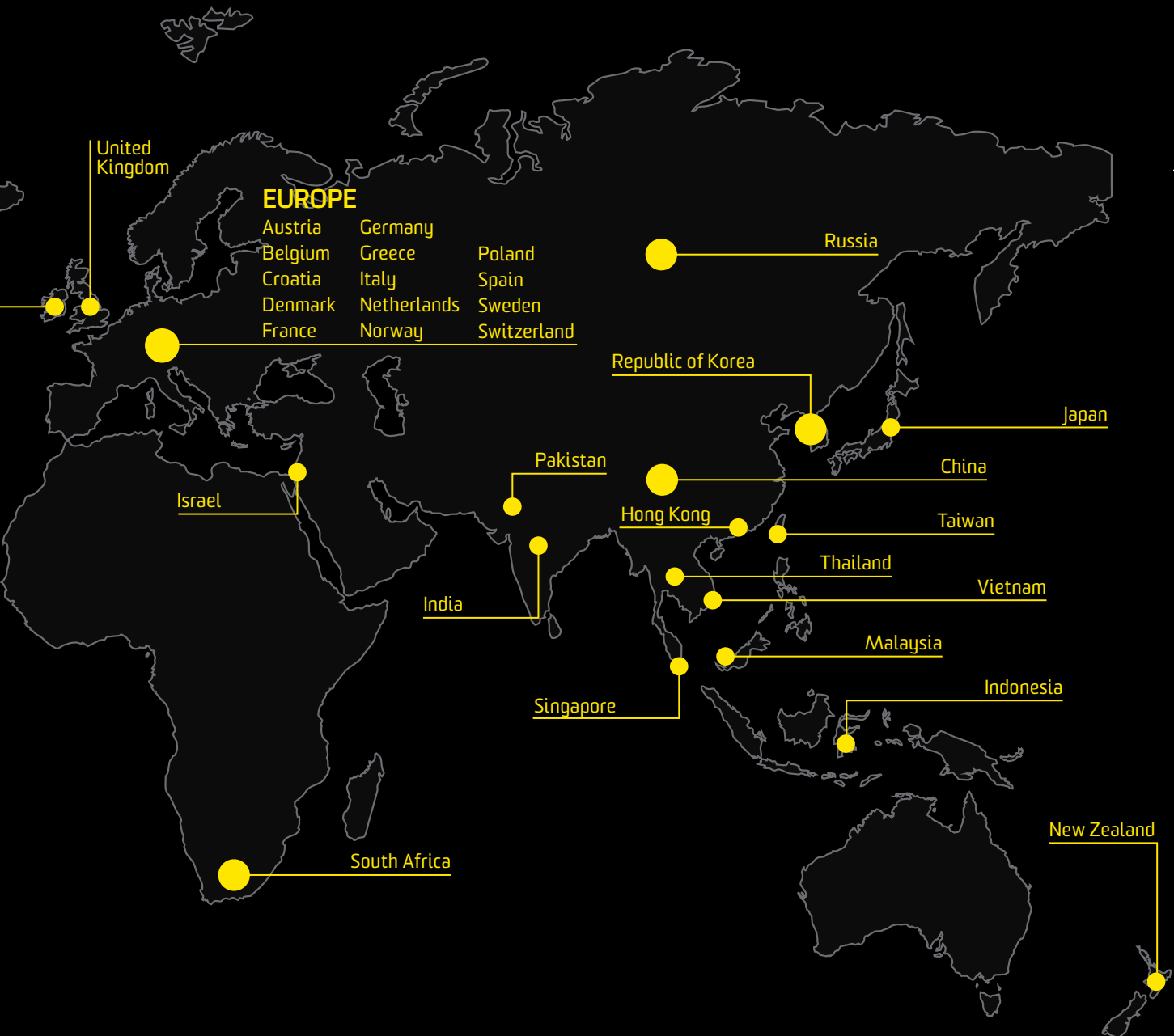
Your journey starts here



Going on exchange shouldn't
be a question of if, but when.

In a global society the chance to study abroad isn't just a bonus; it's an opportunity not to be missed. At UNSW, there are so many ways to incorporate an exchange adventure into your degree and study in a country you're passionate about. You just have to decide on where and when.





Broaden your horizons

Exchange is an incredibly enriching experience, both personally and professionally. It gives you insight into a new culture and community while giving you a competitive edge in the international workforce, not to mention it looks great on your resume!

Where will you go?

UNSW offers exchange opportunities at over 200 universities in 39 countries. Basing yourself in Asia, North America, Europe or South America at one of the world's top universities, you could learn a new language, embrace a different culture, establish global professional networks and make lasting international friendships.

Who is eligible?

All UNSW students who meet the criteria are eligible to apply for exchange and there are even scholarships to help you on your way. Students can go on exchange for a semester or one year. If you enrol in some degrees, such as a Bachelor of International Studies, one-year on exchange is built right into your degree.

unsw.edu.au/exchange

Vibrant student life.

8

Your journey starts here

Arc @ UNSW is the student organisation at UNSW. Arc's mission is to make your life at uni more interesting, more fun, more personally rewarding, and ultimately more affordable. We guarantee that we have something for everyone.

Clubs & Societies

UNSW boasts over 290 unique Clubs & Societies that cater to every interest and hobby you can possibly imagine. Clubs are a great way to meet cool new people who share your quirks and passions. Perhaps you'll see what unfolds as part of the Origami Society, or try to catch 'em all with PokeSoc. If you can't find what you're looking for, make up your own!

arc.unsw.edu.au/clubs-societies

Parties & Events

Arc promises to excite and delight you all day, every day. You can soak up the sunshine and get the ultimate Instagram at Spring Festival, Artsweek and Foundation Day. Then by night you can tear up the dancefloor at a legendary session party, or slay some big trivia. There's always a great excuse to devour free ice-cream, enjoy the outdoor cinema or take part in UNSW's legendary Zedtown experience.

arc.unsw.edu.au/events-parties

Sport

Arc Sport supports over 30 varying sports clubs, each catering to every level of athletic prowess. There's also our intervarsity teams who annually compete at the Australian Unigames, Eastern Unigames, Snow Games and Indigenous Unigames. If you're looking for something low key, there's Social Sport every afternoon on campus where the emphasis is fun and friends.



arc.unsw.edu.au/sport-clubs

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, a pen, or an hour, we've got 30 different programs to suit every level of expertise. The personal and professional development you'll get is an added bonus.

arc.unsw.edu.au/volunteering





Wellness

Between classes, clubs, sport, and social activities, university can become a lot to handle. That's where we come in, helping teach you to take 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, exam preparation workshops to puppy rooms and massages. We're here to help you get through the day.

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 Shirts 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!

arc.unsw.edu.au/o-week



Find **your** place at UNSW.

Accommodation options.

10

Your journey starts here

Living on campus is about community, convenience & comfort...

UNSW has more than doubled its on-campus student accommodation over four years, providing homes for more than 5,000 students.

From the moment you put your bags down, you'll be surrounded by friends you feel like you've known forever, a brimming social and study calendar and more amenities than you'll know what to do with.

Each of UNSW's six on-campus colleges offers a unique setting, from the living spaces of the \$110 million redeveloped Kensington Colleges to the stunning UNSW Terraces. Across all colleges the student culture thrives, creating a welcoming, supportive environment.

Get in the spirit

Social, sporting, cultural and charitable activities are on all year round, bringing people of different backgrounds together and providing the basis of significant, lifelong friendships.

Room for more

Students can choose from single or shared rooms and apartments; fully, partially or self-catered, and there are also off-campus accommodation options. Prices start from \$234 per week.

Take a virtual tour on the website, or come and check it out in person.

...it's also about choice:



Colleges

The Kensington Colleges

40 week contract

Choosing to live at the Kensington Colleges is choosing to be part of the rich history and tradition of UNSW, while living in a state-of-the-art, modern facility. Made up of three vibrant communities, Basser, Philip Baxter & Goldstein, as a resident you'll find a strong sense of community, academic and pastoral support. Find life-long friends at the various inter-college competitions and events.

Fig Tree Hall

40 week contract

An alcohol free college with gender segregated floors, prayer contemplation rooms and dietary needs such as vegetarian and halal catered for.

UNSW Hall

44 week contract

An oldie but a goodie, providing great value for money. Enjoy the benefits of having breakfast and dinner catered and the freedom to experience lunch in one of the many cafés on campus.

Colombo House

52 week contract

A hybrid option giving you the independence and freedom to cook your own meals and clean your room, but still be a part of a strong community with lots of events and activities throughout the year.

Apartments

Barker Street Apartments

52 week contract

Located on campus overlooking the lush Village Green, most apartments are five bedroom shared living, but there are options for couples and families and accessible rooms.

High Street Apartments

52 week contract

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

Mulwarree Apartments

52 week contract

Located next to Randwick Racecourse and approximately 1.5 kilometres from UNSW, Mulwarree is the perfect fit for students that are keen to live close to campus, but not right next to the lecture block!

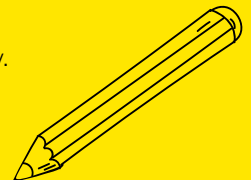
University Terraces

52 week contract

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

Affiliated Colleges on Campus

UNSW has lots of other great options right here on campus! Check out the website below and look for the link to 'Affiliated Colleges' for more information and how to apply.



Visit our website

accommodation.unsw.edu.au

to take a virtual tour

Scholarships.

12

Your journey starts here

Every year we provide over \$83 million in scholarships to help students of all circumstances reach their goals.

Applications open July and close on 30 September



Get started on your application early so you are ready to submit on time. Some scholarships may be offered in later rounds, but the main round closes 30 September.

Search for High School Leavers



Use the online search tool to see what's available. Start broad by looking for those available for High School Leavers. You can then narrow it down by faculty, degree, rural, Indigenous, equity, academic, sporting, etc.

Scholarships by category



Scholarships are offered in a number of broad categories including rural, Indigenous, academic, sporting, equity, accommodation, travel and exchange, as well as for specific degrees or faculties. Look for the 'Other Options' drop down list in the search tool as a starting point.

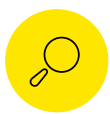
To be considered for a scholarship, all you have to do is submit an application by the deadline.



Step 1

Register

Visit scholarships.unsw.edu.au, don't forget you will need your UAC number.



Step 2

Search and apply

Start with a broad search, like High School Leaver, and then click on the scholarship names for more info.



Step 3

Complete your application

Once you register and enter your details, you can apply for as many scholarships as you are eligible – you may require supporting documentation.



Step 4

Submit online by the due date

Click submit! You will get a confirmation email once we have your application. High School Leaver scholarships close on 30 September.

You have to be in it to win it!

Search, register and apply online at:

scholarships.unsw.edu.au & coop.unsw.edu.au



UNSW Co-op Program

As the leading career development scholarship in Australia, the UNSW Co-op Program offers high achieving students training, leadership and professional development, networking opportunities, mentoring and financial support of \$18,200 per year, for a minimum of 4 years.

Australia's leading companies take part in the program with the view to recruit high-potential employees. The Co-op Program is offered across select degrees in Business, Engineering, Built Environment and Science. Candidates for the scholarship are selected not only on the basis of their academic ability, but also their communication skills and leadership potential.

Why Co-op?

1

Recruiting Australia's best and brightest

2

Awarding \$6.5m in scholarships every year (\$18,200 per scholar p.a.)

3

150+ partnerships with Australia's leading companies

4

Combining academic excellence with real work experience

5

Connecting with 2800+ Co-op Alumni

6

Life changing personal and professional connections

7

Supporting global experience representing Australia on the world stage

8

Producing professionals, not just graduates

9

Launching great careers!



Meet our current scholars at coop.unsw.edu.au



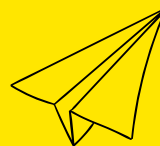
Applications open May and close on 30 September.

We are looking for Co-op scholars who:

- are active in school and/or community activities
- show initiative and leadership
- make a significant contribution to school or community
- communicate well
- enjoy working with other people
- want to be active within the university and Co-op community
- have a real and genuine interest in a career in industry or a government enterprise in their chosen program
- are ambitious and keen to contribute
- care about what is happening in the community, country and the world at large.

If this sounds like you, and you are an Australian citizen or permanent resident we strongly encourage you to apply.

How to apply.



14

Your journey starts here

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

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 commonly accepted overseas qualifications as well.

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 struggling 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 in the following pages or you can find it online at unsw.edu.au/degrees.

Additional selection criteria

Some degrees at UNSW require something in addition to your UAC application. These may be tests (UMAT, LAT), an audition (Music), an extra application to UNSW (Aviation, Co-op or Medicine), or something else. Check unsw.edu.au/degrees for any additional selection criteria for your degree.

Bridging Courses

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

unsw.edu.au/bridging



Your application.

Quick steps to studying at UNSW.



1. All applications for undergraduate study are made via the Universities Admissions Centre (UAC). Head online and read the 'Applying FAQs' to ensure you fully understand the process before you get started.
2. The on-time closing date for Main Round UAC applications is 30 September 2017. Late applications may be accepted, but will incur a late fee, so best to get in early. Double check all UAC key dates at uac.edu.au.
3. Lodge your application online at uac.edu.au/undergraduate/apply. You can nominate up to nine degrees you'd like to study in order of your preference. Don't forget to lodge your other important applications, e.g. accommodation, scholarships and bonus points.
4. This is what you've been waiting for! The majority of offers will be made in the UAC Main Round. UNSW will contact you via email with instructions on how to accept and enrol.

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 you for GE we look at your ATAR plus any eligible bonus points. You can find the GE Selection Rank for each degree in the following pages or you can check online at unsw.edu.au/degrees. Don't forget, if you don't get GE for your degree of choice, it doesn't mean you're not going to be made an offer, it just means you need to wait for the UAC Main Round to see if you have a place in that degree.

Deferring

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



Fee information

To find the most up-to-date information on fees, including the 2017 & 2018 student contribution ranges, go to: unsw.edu.au/fees

Bonus points.

16

Your journey starts here

UNSW offers a variety of bonus points to prospective students. A maximum of 10 bonus points may be used to assist with entry to our degrees.

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 bonus points.

To be eligible you must:

- Be a domestic student (i.e. an Australian citizen or permanent resident or New Zealand citizen).
- Complete an Australian Senior Secondary Certificate (Year 12) in the two years prior to admission to UNSW and receive an ATAR or equivalent.
- Achieve the required performance bands in relevant Year 12 subjects.
- Not have a record of study at university.

How do I apply?

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

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

Elite Athletes & Performers (EAP)

The Elite Athletes and Performers (EAP) Program recognises achievements in areas of sport, academia, leadership, and/or music at an elite level. You may be eligible for up to five bonus points.

To be eligible you must:

- Have completed activities in Years 11 and/or 12.
- Be a domestic student (i.e. an Australian citizen or permanent resident or New Zealand citizen).
- Complete an Australian Senior Secondary Certificate (Year 12) or equivalent in the two years prior to admission to UNSW and receive an ATAR or equivalent.
- Not have a record of study at university.

How do I apply?

Students must submit an application and provide supporting documentation by November 30 each year to be considered for bonus points.

To see a list of the commonly accepted achievements, and how many points you may be eligible for, download the EAP Bonus Points Guide at unsw.edu.au/eap.

Educational Access Scheme

Life isn't always smooth-sailing. Things like illness, financial hardship, language difficulties and attending a particular school can mean you don't always get your best marks in Years 11 and 12. If these situations apply to you, submit an application for the Educational Access Scheme via UAC. 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 as to how your circumstances have directly impacted your study.

For more info visit uac.edu.au/eas.

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.

Portfolio entry

If you are expecting an ATAR within 10 points of the cut-off for all of our Art & Design single degrees and most of our Built Environment degrees, you can submit a portfolio to boost your chances of an offer.

artdesign.unsw.edu.au/portfolio

be.unsw.edu.au/alternative-admission

Engineering pathway

If you are passionate about all things Engineering and you are anticipating an ATAR or equivalent between 82.00 and 91.95, then the Faculty of Engineering Admissions Scheme (FEAS) is for you!

eng.unsw.edu.au/feas

Information Systems pathway

You may be interested in the Bachelor of Information Systems Admission Scheme (BISAS) if you are anticipating an ATAR or equivalent between 81.00 and 90.95. You will also need to complete a questionnaire and attend an interview.

business.unsw.edu.au/bisas

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 cut-off for a degree – simply start in a similar degree with a lower cut-off, study for one year and use IPT to apply to transfer into your dream degree.

unsw.edu.au/ipt

TAFE or uni study

If you have studied one year in a degree at another uni, or have completed a Cert IV, Diploma or Advanced Diploma, you may be eligible for a place at UNSW. Contact the Future Students Office to discuss your options and how your qualifications will be assessed for entry to UNSW: +61 2 9385 1844 or email futurestudents@unsw.edu.au.

futurestudents.unsw.edu.au/how-to-apply

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.

unsw.edu.au/unswprep17-19

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 at UNSW. 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 – Science. Once completed, you can use your results to apply for a place in a degree at UNSW.

unsw.edu.au/upp

Indigenous Pre-Programs

If you are an Australian Aboriginal or Torres Strait Islander, there are pre-programs in the areas of business, law, medicine and social work available to you.

nuragili.unsw.edu.au/pre-programs

UNSW Foundation Studies

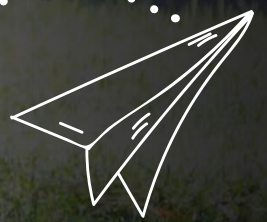
After successful completion of the UNSW Foundation Studies one year program, you may be eligible for a place via a provisional offer to an undergraduate degree at UNSW.

ufs.unsw.edu.au



Even if you're unsure where you're heading, we can get you there. No matter what you're considering, one thing's for certain...

...UNSW
can get you
where you
want to go.



Over 50,000 students in nine unique faculties.

20

Your journey starts here

Art & Design

At UNSW Art & Design, we believe in the pursuit of creative excellence. We lead Australia with a focus on media innovation and emerging technologies. We are the destination of choice for those looking to embark on a career in contemporary art, design or creative media technology.

artdesign.unsw.edu.au



Global Top 30

Ranked in the Global Top 30 for art and design.



Industry Partners

900+ industry partners offer pathways into creative industries.



New Campus

New, purpose built campus offers state of the art facilities.

Arts & Social Sciences

At UNSW Arts & Social Sciences, we explore big ideas, create new knowledge and tackle critical social issues. A commitment to equity, diversity and social justice lies at the centre of our ethos.

arts.unsw.edu.au



Top 50

Ranked in the Top 50 by faculty in the QS World University Rankings.



Strong Industry Links

UNSW is recognised as one of the Australian universities with the strongest links to industry. Arts & Social Sciences linkages included government, agencies, professional bodies, cultural institutions, corporate and community organisations.



Expert Teaching

You'll be taught by industry experts and world class scholars. In this environment you will develop the capacity to make an informed engagement with pressing national and global issues.

Built Environment

At UNSW Built Environment we develop global leaders in architecture, planning and construction. We develop your passion for architecture and design and your passion to build a better society.

be.unsw.edu.au



Top World Ranking

UNSW Built Environment is ranked 19th in the world in the 2016/2017 QS World University Rankings.



Award winning staff

Learn from acclaimed academics and practicing leaders from industry, ensuring you receive relevant, inspiring education, resulting in excellent career prospects.



Multi-million dollar investments

UNSW Built Environment is endorsed by industry through ground-breaking endowments, donations and scholarships in support of our vision for a more sustainable and liveable built environment.

Visit our website
unsw.edu.au/futurestudents
to discover your niche.

Business School

We are creating the next generation of business leaders and entrepreneurs. The key to your success begins at UNSW Business School.

business.unsw.edu.au



Top subject rankings

Accounting & Finance, Information Systems, Economics & Econometrics.



Strong industry links

Engagement with industry, government and community partners.



Top choice

Study destination for high-achievers seeking a business degree.

Engineering

UNSW Engineering students create ideas and turn them into innovative solutions to make the world a better place. Our goal is to teach students to be engineers who not only change lives, but change the world.

engineering.unsw.edu.au



No. 1 Engineering Faculty in Australia*

* 2016 ARWUISJTU Rankings



Most Employable University

UNSW has been awarded Most Employable in the Top 100 Future Leaders Awards 2016*.

* GradConnect and Australian Financial Review



\$3M in Engineering undergraduate scholarships on offer every year.

Law

UNSW Law is one of the worlds top ranking law schools and Australia's leader in progressive and rigorous legal education and research.

law.unsw.edu.au



Top 13

Ranked in the top 13 law schools in the world.*
* 2016 QS World Rankings



Excellence in research

UNSW Law has achieved top rankings in research receiving an ERA rating of 5, the highest possible score, in the most recent round of ratings.



More clinics and internships than any other Australian Law School.

As a leading research-intensive university, we focus on interdisciplinary and collaborative research that leads to real change in public policy and the law.

Medicine

UNSW Medicine combines excellence in medical education with exceptional opportunities for students.

med.unsw.edu.au



Ranks 46th

UNSW Medicine is ranked 46 in the world*.
* 2016 QS World Rankings



The best and the brightest

We attract the best and brightest students to learn alongside our world-leading researchers and clinicians.



Pursue careers worldwide

Our unique MD program gives you the skills and qualifications to pursue careers worldwide.

Science

Science is the gateway to the future, underpinning society's advancement while pioneering the unknown. At UNSW you will Learn, Explore and Discover.

science.unsw.edu.au



Facility Investment

\$25m Quantum labs + \$125m Biomedical Precinct.



Overseas partners

UNSW-China research partnerships lead to \$10m Torch Innovation Precinct.



Top NSW ATAR

B Science has the highest ATAR cut-off in NSW (85.00 in 2017).

UNSW Canberra at ADFA

unsw.adfa.edu.au



Unique engineering specialisations

We have the largest engineering number of programs in the ACT and surrounding regions.



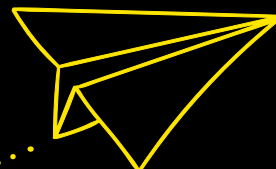
Small Class Sizes

UNSW Canberra has the best university teacher to student ratio in Australia.



50 Years

UNSW Canberra has been educating leaders in defence, government and industry in Canberra for half a century.



Art & Design							
Degree Name	Majors Available	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Assumed Knowledge	Career Opportunities
Art Theory ²	Art History • Visual Culture • Colonial/Postcolonial Studies • Visual Studies • Critical Theory • Digital and Design • Histories • Museum Studies	80.00	80.00	28	3F	None	Arts and cultural management, policy making and administration, Galleries, libraries, museums and archives, 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.
		Can be combined with Arts, Law, Social Research and Policy					
Design (Hons) ²	Ceramics • Graphic Design • Interactive Media • Jewellery Design • Object Design (furniture and lighting) • Spatial Design • Textiles	80.00	80.00	28	4F	Visual Arts	Graphics, media, interaction and digital design, Communications, branding and advertising, UX and service design, Design management and strategy, Social innovation and entrepreneurship, App development, data visualisation and responsive design, Creative consultancies, design and media studios, design-led businesses, Object, furniture and lighting design, Film, television, online and mobile production and post-production, Design for exhibitions, galleries and museums, Costume, theatre and events design, Design teaching and academics, Jewellery and wearables design, Packaging, illustration and publishing, Textile, fabric and fashion design.
		Can be combined with Commerce, Education (Secondary), Media (PR & Advertising)					
Fine Arts (Hons) ²	Drawing • Interactive Media • Painting • Photography • Printmaking • Sculpture Performance Installation • Textiles	80.00	80.00	28	4F	Visual Arts	Advertising, art direction, Galleries, libraries and museums sector, Arts and cultural administration and policy making, Arts education and training, Arts writing, publishing and criticism, Commercial and news photography, Curating and artistic program management in festivals, museums, galleries and public spaces, Exhibition planning, design and installation, Entertainment, digital media and technology industries, Theatre, film and television production, Urban planning, site activation and public art.
		Can be combined with Advanced Science (Hons), Arts, Commerce, Education (Secondary), Law, Science					
Media Arts (Hons) ²	Animation • Digital Media • Interactive and Cross Media	80.00	80.00	28	4F	None	Animation design and production, Video, online and mobile media, Interaction, user experience and environments, Game development and production, Digital publishing, advertising and communications, Digital strategy, Film, television, online and mobile production, Multiplatform 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.
		Can be combined with Computer Science, Education (Secondary)					

Art & Design Dual Degrees									
Degree Name	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Degree Name	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years
Art Theory/Arts	80.00	82.00	28	4F	Fine Arts/Arts	80.00	82.00	28	4F
Art Theory/Social Research & Policy	80.00	80.00	28	4.5F	Media Arts (Hons)/Computer Science	92.00	92.00	34	5F
Design (Hons)/Media (PR & Advertising)	85.00	86.00	31	5F					

Arts & Social Sciences							
Degree Name	Majors Available	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Assumed Knowledge	Career Opportunities
Arts	Asian Studies • Chinese Studies • Creative Writing • Criminology • Development Studies • Economics (Business) • English • Environmental Humanities • European Studies • Film Studies • French Studies • Geography (Science) • German Studies • History • Human Resource Management (Business) • Indigenous Studies (Nura Gili) • International Business (Business) • International Relations • Japanese Studies • Korean Studies • Linguistics • Media Culture and Technology • Music Studies • Philosophy • Politics • Sociology and Anthropology • Spanish and Latin American Studies • Theatre and Performance Studies	80.00	82.00	28	3F	None	Our graduates can be found working in diplomacy, publishing, the arts, international affairs, education, journalism, politics, university and public administration, interpreting and translating, business, media and research.
		Can be combined with Advanced Mathematics (Hons), Advanced Science (Hons), Art Theory, Commerce, Computer Science, Economics, Education (Secondary), Engineering (Hon), Environmental Management, Fine Arts, Law, Medical Studies/Doctor of Medicine, Science, Social Work (Hons)					
Arts and Business	Asian Studies • Chinese Studies • Creative Writing • Criminology • Development Studies • English • Environmental Humanities • European Studies • Film Studies • French Studies • German Studies • History • Indigenous Studies (Nura Gili) • International Relations • Japanese Studies • Korean Studies • Linguistics • Media Culture and Technology • Music Studies • Philosophy • Politics • Sociology and Anthropology • Spanish and Latin American Studies • Theatre and Performance Studies	90.00	90.00	33	3F	None	This degree provides you with the tools to work in management, marketing and strategy roles in a range of industries and organisations. Your choice of major will help to shape your career options.
		Can be combined with Law					
Criminology & Criminal Justice	Criminology • Social Science and Policy	83.00	84.00	30	3F	None	Policy, research, analyst and advocacy roles in government, non-government, community and private organisations.
		Can be combined with Law, Social Work (Hons)					

Arts & Social Sciences							
Degree Name	Majors Available	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Assumed Knowledge	Career Opportunities
International Studies	Asian Studies • Development Studies • European Studies • International Business • International Relations • Language Studies	92.00	93.00	34	4F	None	International business, government agencies (including foreign affairs, investment banks and other financial institution, United Nations agencies, journalism and media, tourism and trade, humanitarian aid & human rights organisation, international development agencies.
Can be combined with Law, Media (Communication & Journalism), Media (PR & Advertising), Media (Screen & Sound Production)							
Media (Communication & Journalism)	Media • Communication • Journalism	85.00	86.00	31	3F	None	Journalism, public relations and advertising, corporate, organisational and public sector communication.
Can be combined with International Studies, Law, Music							
Media (PR & Advertising)	Media • Advertising • Public Relations	85.00	86.00	31	3F	None	Public relations, advertising, media relations and organisational communication in corporate, political and non-profit organisations.
Can be combined with Commerce, Design (Hons), International Studies, Law, Music							
Media (Screen & Sound Production)	Media • Screen and Sound • Media Production	85.00	86.00	31	3F	None	Content producer in the evolving contemporary media industry. Also roles in the audio visual industry, such as television and film production, sound design, editing, film criticism and research.
Can be combined with International Studies, Law, Music							
Music ³	Creative Practice • Music Studies • Sonic Arts • Music Pedagogy	ATAR + Audition	80.00 + Audition	IB Diploma + Audition	4F	See note ⁴	Performance, private teaching, recording, arts administration, music journalism, arranging and composing.
Can be combined with Advanced Science (Hons), Arts, Commerce, Education (Secondary), Engineering (Hons), Law, Media (Communication & Journalism), Media (PR & Advertising), Media (Screen & Sound Production), Science							
Social Research & Policy	Development Studies • Economics • Environmental Humanities • Globalisation Studies • Human Resource Management • Indigenous Studies • International Business • International Relations • Marketing • Media • Culture and Technology • Politics • Social Science and Policy • Sociology and Anthropology	80.00	80.00	28	3F	None	Graduates are highly successful in gaining diverse employment in the public, community and private sectors in areas such as community development, health, the environment, research and policy analysing, political advising, organisational management, marketing and market research, corporate affairs management and private consulting.
Can be combined with Advanced Science (Hons), Art Theory, Law, Science, Social Work (Hons)							
Social Work (Hons)	Social Work	80.00	80.00	28	4F	None	Social Workers operate in diverse areas, including: hospitals, government departments, welfare agencies, industry/corporate, community organisations, and as independent consultants.
Can be combined with Arts, Criminology and Criminal Justice, Law, Social Research and Policy (Hons), Media (Communication & Journalism), Media (PR & Advertising), Media (Screen & Sound Production), Science							
UNSW Prep (17–19) Arts & Social Sciences	Academic Study Skills • Social Science Skills • Selected courses from UNSW Arts & Social Sciences	See note ⁵	N/A	See note ⁵	1F	None	See Arts.

Art & Social Sciences Dual Degrees									
Degree Name	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Degree Name	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years
Education (Secondary)/Arts	80.00	82.00	28	4F	Music/Education (Secondary) ³	80.00 + Audition ⁴	80.00 + Audition	28 + Audition	5F
Education (Secondary)/Commerce	96.30	97.00	38	4F	Music/Engineering (Hons) ³	92.00 + Audition ⁴	92.00 + Audition	34 + Audition	6.5F
Education (Secondary)/Design (Hons)	80.00	80.00	28	5F	Music/Media (Communication & Journalism) ³	85.00 + Audition ⁴	86.00 + Audition	31 + Audition	5F
Education (Secondary)/Economics	93.00	94.00	35	4F	Music/Media (PR & Advertising) ³	85.00 + Audition ⁴	86.00 + Audition	31 + Audition	5F
Education (Secondary)/Fine Arts	80.00	80.00	28	4F	Music/Media (Screen & Sound Production) ³	85.00 + Audition ⁴	86.00 + Audition	31 + Audition	5F
Education (Secondary)/Media Arts (Hons)	80.00	80.00	28	5F	Music/Science ³	85.00 + Audition ⁴	85.00 + Audition	31 + Audition	5F
Education (Secondary)/Science	85.00	85.00	31	4F	Music/Advanced Science (Hons) ³	95.00 + Audition ⁴	96.00 + Audition	37 + Audition	6F
International Studies/Media (Communication & Journalism)	92.00	93.00	34	5F	Social Work (Hons)/Arts	80.00	82.00	28	5.5F
International Studies/Media (PR & Advertising)	92.00	93.00	34	5F	Social Work (Hons)/Social Research & Policy	80.00	80.00	28	5.5F
International Studies/Media (Screen & Sound Production)	92.00	93.00	34	5F	Social Work (Hons)/Criminology & Criminal Justice	83.00	84.00	30	5F
Music/Arts ³	80.00 + Audition	82.00 + Audition	28 + Audition	5F					
Music/Commerce ³	96.30 + Audition	97.00 + Audition	38 + Audition	5F					

Built Environment							
Degree Name	Study Areas	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Assumed Knowledge	Career Opportunities
Architectural Studies ²	Design Studio • Communications • History and Theory • Technology • Practice • Computer Modelling • Technical Drawing and Model Making • Materials • Structure and Construction	95.60	96.00	37	3F	None	Consulting architect in private practice, specialist architect in areas such as heritage, building scientist, environmental consultant, multidisciplinary design practice, government architect's office, large commercial architectural firms, architectural critic; academic and researcher.

Built Environment Dual Degrees				
Degree Name	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years
UNSW/Tongji Dual Degree in Architecture ^a	90.00 + Portfolio + Interview	N/A	33 + Portfolio + Interview	4F

Business School							
Degree Name	Majors Available	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Assumed Knowledge	Career Opportunities
Actuarial Studies	Actuarial Studies and second major option: <ul style="list-style-type: none"> Accounting Business Economics Business Law Business Strategy and Economics Management Finance Financial Economics Human Resource Management Information Systems International Business Management Marketing Mathematics Real Estate Studies Statistics Taxation 	97.30	98.00	39	3F	Mathematics Extension 1	<p>Accredited by Actuaries Institute (Australia) for Part I exemption. Actuarial Analyst, Asset Management Trainee, Credit Analyst, Forecasting Analyst, Insurance Analyst, Risk Assessment Officer, Statistical Research Analyst, Superannuation Advisor, Wealth Management Analyst.</p> <p>Can be combined with</p> <p>Advanced Mathematics (Hons), Commerce, Economics, Law, Science</p>
Actuarial Studies (Co-op) ⁶	See Actuarial Studies	ATAR + Co-op	98.00 + Co-op	39 + Co-op	4F	Mathematics Extension 1	Accredited by Actuaries Institute (Australia) for Part I exemption. Part II exemption is met if Honours year is undertaken in the Co-op Program. As above.
Commerce	Accounting • Business Economics • Business Law • Business Strategy and Economic Management • Finance • Financial Economics • Human Resource Management • Information Systems • International Business • Management • Marketing • Real Estate Studies • Taxation	96.30	97.00	38	3F	Mathematics	<p>Private and public sectors in jobs such as Accountant, Economic Policy Advisor, Financial Analyst, Human Resources Officer, IS/IT Consultant, Management Consultant and Marketing Coordinator.</p> <p>Can be combined with</p> <p>Actuarial Studies, Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Aviation (Management), Design (Hons), Economics, Education (Secondary), Engineering (Hons), Fine Arts, Information Systems, Law, Media (PR & Advertising), Music, Science, Computer Science</p>
Commerce (International)	See Commerce and International Studies	97.25	98.00	39	4F	Mathematics	This degree provides a solid foundation of business including international studies component and one year compulsory overseas exchange to prepare you for the challenges of working in global business. Degree attracts employers with regional and global operations, as well as government and non-government agencies operating internationally. See Commerce and International Studies degrees.
Commerce (Co-op) ⁶	Accounting and Business Management – Information Systems • Marketing + a second major from Commerce, see Commerce degree	ATAR + Co-op	97.00 + Co-op	38 + Co-op	4F	Mathematics	See Commerce degree.
Commerce (Co-op) (Hons) ⁶	Finance	ATAR + Co-op	97.00 + Co-op	38 + Co-op	4F	Mathematics	See Commerce degree.
Economics	Economics • Econometrics • Financial Economics and second major option: <ul style="list-style-type: none"> Accounting Business Law Finance Human Resource Management Information Systems International Business Management Marketing Mathematics Psychology Real Estate Studies Statistics Taxation or any major offered in the Bachelor of Arts	93.00	94.00	35	3F	Mathematics	<p>Major economic policy government departments, private sector employers and international organisations (such as the Reserve Bank, The World Bank Group and OECD). Economics and Financial Forecaster, Economics Researcher, Financial Analyst, Policy Advisor, Wealth Management Analyst, Management Consultant, Business Analyst, Quantitative Analyst, Statistical Analyst.</p> <p>Can be combined with</p> <p>Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Law, Education (Secondary), Science</p>

Business School							
Degree Name	Majors Available	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Assumed Knowledge	Career Opportunities
Information Systems ²	Information Systems	90.00	91.00	33	3F	Mathematics	Business Analyst, Business Intelligence Systems Developer, e-Commerce Specialist, IS Development Specialist, IS/IT Architect, IS/IT Consultant, IT Infrastructure Developer, Network Analyst and Systems Analyst.
							Can be combined with Commerce
Information Systems (Co-op) ³	Information Systems	ATAR + Co-op	96.00 + Co-op	38 + Co-op	4F	Mathematics	See Information Systems degree.
UNSW Prep (17–19) Business	Academic Study Skills • Mathematics Skills • Managing Organisations & People • Marketing Fundamentals	See note ⁵	N/A	See note ⁵	1F	None	See Commerce degree.

Business School Dual Degrees

Degree Name	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Degree Name	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years
Actuarial Studies/Commerce	97.30	98.00	39	4F	Commerce/Science	96.30	97.00	38	4F
Actuarial Studies/Economics	97.30	98.00	39	4F	Commerce/Science (Advanced Mathematics) (Hons)	96.30	97.00	38	5F
Actuarial Studies/Science (Advanced Mathematics) (Hons)	97.30	98.00	39	5F	Commerce /Advanced Science (Hons)	96.30	97.00	38	5F
Actuarial Studies/Science	97.30	98.00	39	4F	Commerce/Science (Computer Science)	96.30	97.00	38	4F
Commerce/Arts	96.30	97.00	38	4F	Commerce/Media (PR & Advertising)	96.30	97.00	38	4F
Commerce/Economics	96.30	97.00	38	4F	Economics/Arts	93.00	94.00	35	4F
Commerce/Information Systems	96.30	97.00	38	4F	Economics/Science	93.00	94.00	35	4F
Commerce/Aviation Management	96.30	97.00	38	4F	Economics/Science (Advanced Mathematics) (Hons)	95.00	96.00	37	5F
Commerce/Fine Arts	96.30	97.00	38	4F	Economics/Advanced Science (Hons)	95.00	96.00	37	5F
Commerce/Design (Hons)	96.30	97.00	38	5F					

Engineering

Degree Name	Majors Available	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Assumed Knowledge	Career Opportunities
Aerospace Engineering (Hons)	Aerodynamics • Flight Mechanics • Propulsion • Space Craft • Structures • Systems	92.00	92.00	34	4F	Mathematics Extension 1, Physics	Graduates can work on the design, manufacture and operation of flight vehicles with major satellite companies or airlines, research for civil and military aerospace organisations, and in the space, defence, automotive, and power industries.
							Can be combined with Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Law, Music, Science
Bioinformatics Engineering (Hons)	Computing • Math • Biology • Bioinformatics (the integration of computing maths and biology) • Elective options include Computing Maths and Biology • such as: Biochemistry • Molecular Biology • Statistics • Machine Learning • Algorithms • Visualisation • Computer Interfacing • Networks and Database Visualisation	92.00	92.00	34	4F	Mathematics Extension 1, Chemistry	Bioinformatic, Pharmaceutical, Agrotech, Banking and finance, Big data, Consulting, Development, Digital services, Education, Health, I.T., Logistics, Research, Software engineering, Computer Security plus many others!
							Can be combined with Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Law, Master of Biomedical Engineering, Music, Science
Chemical Engineering (Hons)	Chemical Engineering. Elective options include advanced reaction engineering, advanced process control, fuel and energy, and environmental science and technology.	92.00	92.00	34	4F	Mathematics Extension 1, Physics, Chemistry	Chemical engineers can pursue careers in water treatment and recycling, environmental management, manufacturing, food processing, the energy and petrochemical industries, and research, from molecular level up to full heavy-industry scale.
							Can be combined with Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Law, Master of Biomedical Engineering, Music, Science
Civil Engineering (Hons)	Civil Engineering • Engineering Construction and Management • Geotechnical Engineering • Structural Engineering • Transport Engineering • Water Engineering	92.00	92.00	34	4F	Mathematics Extension 1, Physics	Graduates can find employment with specialist consulting firms (which vary in size from sole practitioners to major firms employing hundreds of engineers), construction companies, large public companies, government organisations which construct, manage and maintain public utilities, and financial and management consultancies.
							Can be combined with Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Engineering Science (Mining or Environmental), Law, Music, Science, Surveying
Civil Engineering with Architecture (Hons)	Civil Engineering • Architecture	95.60	96.00	37	4F	Mathematics Extension 1, Physics	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, and management consultancies.
Computer Engineering (Hons)	Embedded Systems • Telecommunications • Electronics • System and Control • Advanced Computing • Elective Options include: Artificial Intelligence • Computer Architecture • Digital Systems • Networking • Graphics • Operating Systems • Databases • Software Engineering	92.00	92.00	34	4F	Mathematics Extension 1, Physics	Graduates can work in Embedded Systems, VLSI Design, Agrotech, Banking and finance, Big data, Consulting, Development, Digital services, Education, Health, I.T., Logistics, Research, Software engineering, Computer Security, plus many others!
							Can be combined with Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Law, Master of Biomedical Engineering, Music, Science

Engineering							
Degree Name	Majors Available	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Assumed Knowledge	Career Opportunities
Computer Science	Majors: Artificial Intelligence • Human-computer Interactions • Computer Networks • Databases systems • E-commerce • Robotics • Study Areas: Information Systems • Japanese • Philosophy • Psychology • Plus many more!	92.00	92.00	34	3F	Mathematics Extension 1	Careers are diverse depending on the specialisations studied with many graduates employed as programmers, system analysts and database administrators. Software companies, commercial institutions, robotics, web companies, AI and IT units are big employers of Computer Science Graduates. Can be combined with Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Engineering (Hons), Law, Media Arts (Hons), Science
Electrical Engineering (Hons)	Energy Systems • Microsystems • Photonics • Systems and Control • Signal Processing • Wireless and Data Networks	92.00	92.00	34	4F	Mathematics Extension 1, Physics	Electrical Engineering opens up a huge range of challenging and rewarding career paths. Potential employers are found in telecommunications, biomedical, electricity authorities and in large private industrial groups such as Thales, Alstom, BHP, Boeing Australia, Honeywell, Dolby AUstralia, IBM and Google. Can be combined with Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Law, Master of Biomedical Engineering, Masters of Engineering in Electrical Engineering, Music, Science
Environmental Engineering (Hons)	Environmental Engineering • Environmental Studies • Geotechnical Engineering • Transport Engineering • Water and Waste Engineering	92.00	92.00	34	4F	Mathematics Extension 1, Physics	There is a broad range of rewarding career opportunities available to Environmental Engineers across the water, construction, energy, and manufacturing industries. Graduates may also consult on major tender projects such as recycling or desalination plants, and plan sustainable infrastructure. Can be combined with Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Engineering Science (Civil), Law, Music, Science
Flexible First Year	Design and Computing • Engineering Fundamentals • Mathematics • Physics	92.00	92.00	34	1F	Mathematics Extension 1, Physics	See individual degrees (Flexible First Year is for students who want to be an engineer, but are unsure which discipline of engineering they would feel comfortable signing up for. In the second year students must apply for an internal program transfer into their chosen degree program). Can be combined with Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Music, Science
Food Science (Hons)	Food Science and Technology • Food Science and Nutrition	92.00	92.00	34	4F	Mathematics, Chemistry	Career opportunities depend on specialisation but will generally include any industry or organisation that processes or handles food and beverages. Some examples roles include quality assurance, new product development, food production management, analysing goods for nutrient content or researching better ways to preserve or package food.
Geospatial Engineering (Hons)	Computer Graphics • Databases • Geographic Information Systems • GIS • GPS • Remote Sensing • Satellite and Airborne Imaging • Web-GIS	92.00	92.00	34	4F	Mathematics Extension 1, Physics	Geospatial information constantly reveals new insights about our world, with graduates working in emergency services, urban planning, health, management of natural resources, insurance, transport planning, telecommunications, Google and the United Nations. Can be combined with Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Law, Music, Science
Industrial Chemistry (Hons)	Industrial Chemistry. Elective options include advanced polymers • advanced reaction engineering • advanced process control and advanced research thesis.	92.00	92.00	34	4F	Mathematics Extension 1, Physics, Chemistry	Industrial Chemists use their broad understanding of chemistry and environmental sustainability in pharmaceutical companies, polymer manufacturing, petrochemical processing, manufacturing and food science. You might even find yourself challenging the norm in cutting edge research! Can be combined with Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Law, Music, Science
Mechanical and Manufacturing Engineering (Hons)	Computer Aided Manufacturing (CAM) • Computer Aided Design (CAD) • Materials Science • Process Technology and Automation • Process Modelling and Simulation • Reliability and Maintenance Engineering	92.00	92.00	34	4F	Mathematics Extension 1, Physics	Graduates work in a wide variety of manufacturing industries, such as automotive, defence and aerospace – essentially any industry which creates a new product out of raw materials. For the young entrepreneurs, you may even choose to create a start-up and introduce ground-breaking products to the world! Can be combined with Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Law, Music, Science
Mechanical Engineering (Hons)	Composite Structures • Computer Aided Design (CAD) • Computer Aided Manufacturing (CAM) • Fluid Dynamics • Heat Transfer • Materials Science • Noise and Vibration • Power Generation • Thermodynamics	92.00	92.00	34	4F	Mathematics Extension 1, Physics	Mechanical Engineering continues to evolve with improvements in technology, with Engineers employed to design construct and optimise machines that are smaller yet more powerful than any before them. There is high demand in a wide range of industries such as power generation, transport, construction, mining, insurance and appliances. Can be combined with Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Law, Master of Biomedical Engineering, Music, Science

Engineering							
Degree Name	Majors Available	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Assumed Knowledge	Career Opportunities
Mechatronic Engineering (Hons)	Computing • Control Systems • Electronics • Mechanical Design Skills • Microprocessors	92.00	92.00	34	4F	Mathematics Extension 1, Physics	<p>Mechatronic Engineers work in one of the many industries where automation is in demand, such as manufacturing, automotive mining, cargo handling and agriculture. You may also work in companies that design and manufacture consumer devices such as mobile phones, video game consoles and biomedical devices.</p> <p>Can be combined with</p> <p>Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Law, Master of Biomedical Engineering, Music, Science</p>
Mining Engineering (Hons)	Mining Engineering • Geotechnical engineering • Mine Design and Planning • Mining Management and Sustainability • Mining Systems • Mining Technologies (ventilation • rock breakage, etc).	92.00	92.00	34	4F	Mathematics Extension 1, Physics	<p>With a degree in Mining Engineering, you can decide if you want to work out in the field or in the office. Graduates enjoy fruitful careers in mining companies at the operational or corporate level, service supply companies, the quarrying industry, the tunnelling industry, consultancy firms, universities, investment firms and government.</p> <p>Can be combined with</p> <p>Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Law, Music, Science, Engineering Science (Civil)</p>
Petroleum Engineering (Hons)	Computer modelling and simulation to support development and production of oil and gas resources • Drilling Engineering • Formation Evaluation • Integrated Field Development • Natural Gas Engineering • Petroleum Geology and Geostatistics • Petroleum economics • Reservoir Engineering	92.00	92.00	34	4F	Mathematics Extension 1, Physics	<p>Large investments in liquified natural gas and the emergence of unconventional oil and gas resources mean there is a strong future ahead in Petroleum Engineering. Graduates may pursue careers in major petroleum & gas companies, coal seam gas production, geothermal energy production, carbon dioxide sequestration, banking and finance, legal firms, and environmental organisations.</p> <p>Can be combined with</p> <p>Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Law, Music, Science</p>
Photovoltaics and Solar Energy Engineering (Hons)	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	92.00	92.00	34	4F	Mathematics Extension 1, Physics	<p>Rapid growth in the industry means there is an increased need for specialised photovoltaic engineers. Graduates can work with manufacturers of solar cells, research organisations, system design and integration companies, energy utilities and communication companies. There's no limit to what you can achieve in photovoltaic engineering – reach for the Sun!</p> <p>Can be combined with</p> <p>Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Law, Music, Science</p>
Renewable Energy Engineering (Hons)	Biomass • Energy Efficiency and Appliances • Geothermal Systems • Hydro Turbine • Photovoltaics • Renewable Energy • Solar Architecture • Solar Thermal Systems • Tidal and Wave Energy • Wind Power	92.00	92.00	34	4F	Mathematics Extension 1, Physics	<p>Careers in Renewable Energy Engineering are becoming increasingly popular as global awareness of energy sustainability improves. Graduates can work in a wide range of companies, designing, installing and operating renewable energy generating systems and constructing energy efficient buildings. Positions are available in manufacturing, research organisations, system design and integration companies, energy utilities and consultancies.</p> <p>Can be combined with</p> <p>Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Law, Music, Science</p>
Software Engineering (Hons)	Software Engineering • Software Development • Software Process • System Design • Elective options include • Artificial Intelligence • Computer Architecture • Graphics • Human-computer Interaction • System Design and Implementation • Computer Interfacing • Networks • Project Management	92.00	92.00	34	4F	Mathematics Extension 1	<p>Apart from software development and computing, Software Engineers have work opportunities in telecommunications, defence, security finance and electronics. You may even apply your knowledge in other areas such as business, medicine, power and transport.</p> <p>Can be combined with</p> <p>Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Law, Music, Science</p>
Surveying (Hons)	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	92.00	92.00	34	4F	Mathematics Extension 1, Physics	<p>Surveying is a global profession currently facing a major skills shortage. There are excellent career opportunities available in government, the mining industry, private surveying firms, construction firms, architecture and civil engineering firms working in land management and planning, cadastral surveying and land law, hydrographic surveying, aerial imaging and cartography.</p> <p>Can be combined with</p> <p>Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Law, Music, Science, Computer Science</p>
Telecommunications (Hons)	Data Communications Systems • Data Encoding • Compression and Encryption • Satellite and Optical Fibre Networks • Voice Communication Systems	92.00	92.00	34	4F	Mathematics Extension 1, Physics	<p>The telecommunications field is developing rapidly, with growing demand for graduates as technology advances. Graduates can work for telecommunications service providers such as iiNet or Skype and major equipment and device manufacturers such as Cisco, Apple or Huawei. You may even choose to join an exciting new start-up, such as Airhop Communications, Devicescape, or UNSW's own Zedelef.</p> <p>Can be combined with</p> <p>Advanced Mathematics (Hons), Advanced Science (Hons), Arts, Commerce, Computer Science, Law, Music, Science</p>
UNSW Prep (17–19) Engineering	Academic Study Skills • Mathematics Skills • Intro to the World Wide Web • Spreadsheets & Databases • Communicating in Engineering • Fundamentals of Physics	See note ⁵	N/A	N/A	1.5F	None	See Engineering (Flexible First Year).

Engineering Dual Degrees

Degree Name	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Degree Name	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years
Computer Science/Arts	92.00	92.00	34	4F	Engineering (Hons)/Engineering Science (Civil/Mining or Mining/Civil)	92.00	92.00	34	5F
Computer Science/Engineering (Hons)	92.00	92.00	34	5F	Engineering (Hons)/Engineering Science (Environmental/Civil or Civil/Environmental)	92.00	92.00	34	5F
Computer Science/Media Arts (Hons)	92.00	92.00	34	4F	Engineering (Hons)/Master of Biomedical Engineering	92.00	92.00	34	5F
Computer Science/Science	92.00	92.00	34	4F	Engineering (Hons)/Master of Engineering in Electrical Engineering	96.00	96.00	38	5F
Engineering (Hons)/Arts	92.00	92.00	34	5-5.5F	Engineering (Hons)/Science	92.00	92.00	34	5F
Engineering (Hons)/Commerce	96.30	97.00	38	5.5F	Engineering (Hons) (Civil)/Surveying	92.00	92.00	34	5F
Engineering (Hons)/Computer Science	92.00	92.00	34	5F					

Law Dual Degrees¹³

Degree Name	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Degree Name	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years
Actuarial Studies/Law	ATAR + LAT	N/A	IB Diploma + LAT	5F	Media (Screen & Sound Production)/Law	ATAR + LAT	N/A	IB Diploma + LAT	5F
Art Theory/Law	ATAR + LAT	N/A	IB Diploma + LAT	5F	Medicinal Chemistry (Hons)/Law	ATAR + LAT	N/A	IB Diploma + LAT	6.5F
Arts & Business/Law	ATAR + LAT	N/A	IB Diploma + LAT	6F	Music/Law	ATAR + LAT + Audition	N/A	IB Diploma + LAT + Audition	6F
Arts/Law	ATAR + LAT	N/A	IB Diploma + LAT	5F	City Planning (Hons)/Law	ATAR + LAT	N/A	IB Diploma + LAT	6.5F
Commerce/Law	ATAR + LAT	N/A	IB Diploma + LAT	5F	Science & Business/Law	ATAR + LAT	N/A	IB Diploma + LAT	6F
Computer Science/Law	ATAR + LAT	N/A	IB Diploma + LAT	5F	Science (Advanced Mathematics) (Hons)/Law	ATAR + LAT	N/A	IB Diploma + LAT	6F
Criminology and Criminal Justice/Law	ATAR + LAT	N/A	IB Diploma + LAT	5F	Science (Advanced) (Hons)/Law	ATAR + LAT	N/A	IB Diploma + LAT	6F
Economics/Law	ATAR + LAT	N/A	IB Diploma + LAT	5F	Science/Law	ATAR + LAT	N/A	IB Diploma + LAT	5F
Engineering (Hons)/Law	ATAR + LAT	N/A	IB Diploma + LAT	6.5F	Social Research & Policy/Law	ATAR + LAT	N/A	IB Diploma + LAT	5.5F
Fine Arts/Law	ATAR + LAT	N/A	IB Diploma + LAT	5F	Social Work (Hons)/Law	ATAR + LAT	N/A	IB Diploma + LAT	6.5F
International Studies/Law	ATAR + LAT	N/A	IB Diploma + LAT	6F	Psychological Science/Law	ATAR + LAT	N/A	IB Diploma + LAT	5F
Media (Communication & Journalism)/Law	ATAR + LAT	N/A	IB Diploma + LAT	5F	Psychology (Hons)/Law	ATAR + LAT	N/A	IB Diploma + LAT	6F
Media (PR & Advertising)/Law	ATAR + LAT	N/A	IB Diploma + LAT	5F					

Medicine

Degree Name	Majors Available	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Assumed Knowledge	Career Opportunities
Exercise Physiology	Exercise Physiology	85.00	86.00	31	4F	Mathematics and Chemistry	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.
Medical Studies/Doctor of Medicine ¹⁰	Medical Studies • Doctor of Medicine	ATAR + UMAT + Interview	N/A	IB Diploma + UMAT + Interview	6F	English Standard - Band 4 or higher	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, Cardiology, Oncology, Orthopaedics, Paediatrics etc.
							Can be combined with Arts

Medicine Dual Degrees

Degree Name	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years
Medical Studies/Doctor of Medicine/Arts ¹⁰	ATAR + UMAT + Interview	N/A	IB Diploma + UMAT + Interview	7.75F

Science

Degree Name	Majors Available	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Assumed Knowledge	Career Opportunities
Advanced Mathematics (Hons)	Applied Mathematics • Pure Mathematics • Quantitative Risk* • Advanced Statistics • * This study plan is by invitation only	95.00	95.00	37	4F	Mathematics Extension 1	Opportunities in banking, insurance and investment, environmental modelling, oceanography, meteorology, computing, information technology, government, education and research.
							Can be combined with Actuarial Studies, Arts, Commerce, Computer Science, Economics, Engineering (Hons), Law

Science							
Degree Name	Majors Available	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Assumed Knowledge	Career Opportunities
Advanced Science (Hons)	Advanced Physical Oceanography • Advanced Physics • Anatomy • Archaeology and Palaeoenvironments • Bioinformatics • Biological Science • Biotechnology • Chemistry • Climate Dynamics • Climate Systems Science • Earth Science • Ecology • Genetics • Geochemistry • Human Geography • Marine and Coastal Studies • Materials Science • Mathematics • Microbiology • Molecular and Cell Biology • Neuroscience • Pathology • Pharmacology • Physical Geography • Physiology • Psychology • Statistics • Vision Science	95.00	95.00	37	4F	Mathematics and Chemistry plus one or more of Biology, Earth & Environmental Science, Physics or Mathematics Extension 1 (depending on chosen area of study)	Employment with research institutes, start-up innovation companies, university or industry in Australia or overseas, technology management, analysis in business or finance, psychology, medical research and development, environmental protection or forensic science. Can be combined with Actuarial Studies, Arts, Commerce, Computer Science, Economics, Engineering (Hons), Fine Arts, Law, Music, Social Research and Policy (Hons)
Aviation (Flying) ⁹	Aviation (Flying)	ATAR + Interview	80.00 + Interview	IB Diploma + Interview	3F	Mathematics	Pilots for regional or major commercial airlines, training centres, charter flights, or as aerial surveyors.
Aviation (Management)	Management	80.00	80.00	28	3F	Mathematics	Management in airlines, freight companies, regulatory authorities, defence forces or airports.
Biotechnology (Hons)	Biotechnology	85.00	85.00	31	4F	Mathematics and Chemistry	Scientist or researcher with medical, biological or pharmaceutical research organisations.
Data Science and Decisions	Quantitative Data Science • Computational Data Science • Business Data Science	94.00	94.00	36	3F	Maths Extension 1	Examples include data scientist, data engineer, data analyst, statistician, business analyst, data manager.
Engineering (Hons) in Materials Science and Engineering	Physical Metallurgy • Process Metallurgy • Materials Engineering • Ceramic Engineering	85.00	85.00	31	4F	Mathematics Extension 1, Physics	Work in areas of research and development, quality, technical support, process improvement, team leadership and management, technical sales, marketing and more for companies producing engineered materials, metals, ceramics and plastics. Can be combined with Commerce, Engineering Science in Chemical Engineering, Master of Biomedical Engineering
Environmental Management	Biology • Earth Science • Ecology • Environmental Chemistry • Geography • Marine Science	80.00	80.00	28	3F	Mathematics and Chemistry	Environmental consultants or officers within industry or with local, state or federal government. Employers may include National Parks and Wildlife or the Environmental Protection Authority. Can be combined with Arts
Life Sciences	Anatomy • Biology • Biological Chemistry • Biotechnology • Ecology • Genetics • Marine Science • Microbiology • Molecular and Cell Biology • Pathology • Pharmacology • Physiology • Psychology	80.00	80.00	28	3F	Mathematics plus one or more of Biology, Chemistry, Earth & Environmental Science (depending on chosen area of study)	Life sciences have valuable applications in health, agriculture, medicine, pharmaceutical and food science industries.
Medical Science	Human Anatomy • Molecular Biology • Molecular Genetics • Medical Microbiology • Neurobiology • Human Pathology • Medical Pharmacology • Medical Physiology	91.00	92.00	34	3F	Mathematics and Chemistry	Medical research, paramedical professions, health policy, medical laboratory science, pathology and forensic science, pharmaceutical and related industries.
Medicinal Chemistry (Hons)	Medicinal Chemistry	90.00	90.00	33	4F	Mathematics and Chemistry	Work in pharmaceutical and biotechnology industries. Graduates 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. Additional employment opportunities include the research, government, management, legal, and education sectors. Can be combined with Law
Nanoscience (Hons)	Nanotechnology	85.00	85.00	31	4F	Mathematics Extension 1, Chemistry and Physics	Develop and commercialising products in the emerging nanotechnology industry. Opportunities in business, research, industry or enterprise.
Psychological Science	Criminology • Human Resource Management • Linguistics • Management • Marketing • Neuroscience • Philosophy • Psychology • Vision Science	87.00	88.00	31	3F	Mathematics	Work in clinical, legal, organisational, educational and research settings, in both the private and public sectors. Across industries including health care and social assistance; public administration and safety; education and training; and administrative and support services. Can be combined with Law
Psychology (Hons)	Psychology	98.00	99.00	40	4F	Mathematics	Work in a wide variety of different contexts, including clinical, legal, organisational, educational and research settings in both private and public sector. Psychologists are employed across several industries including health care and social assistance; public administration and safety; education and training; and administrative and support services. Can be combined with Law
Science	Anatomy • Bioinformatics • Biology • Biotechnology • Chemistry • Earth Science • Ecology • Food Science • Genetics • Geography • Marine Science • Materials Science • Mathematics • Microbiology • Molecular and Cell Biology • Neuroscience • Pathology • Pharmacology • Physical Oceanography • Physics • Physiology • Psychology • Statistics • Vision Science	85.00	85.00	31	3F	Mathematics and Chemistry plus one or more of Biology, Earth & Environmental Science, Physics or Mathematics Extension 1 (depending on chosen area of study)	Variety of fields in science and technology-based industries and businesses in management, research and communication within industry, government and the private sector. Recent graduates work in business, industry, government and universities. They are employed in areas as diverse as pharmaceutical and medical research, occupational health and safety, environmental research and industry, manufacture of new products, forensic science, patent law, cognitive science, oceanography, food manufacture, science teaching, science journalism, meteorology, optics and applications of mathematics and statistics in the finance industry. Can be combined with Actuarial Studies, Arts, Commerce, Computer Science, Economics, Education (Secondary), Engineering (Hons), Fine Arts, Law, Music, Social Research and Policy

Science							
Degree Name	Majors Available	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Assumed Knowledge	Career Opportunities
Science (International)	See Science and International Studies	87.00	88.00	31	4F	Mathematics and Chemistry plus one or more of Biology, Earth & Environmental Science, Physics or Mathematics Extension 1 (depending on chosen area of study)	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 and communications, within industry, government and the private sector.
Science and Business	Anatomy • Bioinformatics • Biology • Biotechnology • Chemistry • Earth Science • Ecology • Food Science • Genetics • Geography • Marine Science • Materials Science • Mathematics • Microbiology • Molecular and Cell Biology • Neuroscience • Pathology • Pharmacology • Physical Oceanography • Physics • Physiology • Psychology • Statistics • Vision Science	90.00	90.00	33	3F	Mathematics and Chemistry plus one or more of Biology, Earth & Environmental Science, Physics or Mathematics Extension 1 (depending on chosen area of study)	Variety of fields in science and technology-based industries and business in management, research and communication within industry, government and the private sector. Graduates are skilled in the context of working in the scientific industry as well as having an understanding of the commercial environment in which they are employed. Can be combined with Law
Vision Science	Vision Science	95.00	97.00	37	3F	Mathematics, Chemistry, Physics and English Advanced	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. Can be combined with Master of Clinical Optometry
Vision Science/ Master of Clinical Optometry	Vision Science • Optometry	97.00	99.00	39	5F	Mathematics, Chemistry, Physics and English Advanced	Optometrist. May specialise in clinical practice, paediatric optometry, contact lenses, public health, sports vision, low vision rehabilitation or behavioural optometry.
UNSW Prep (17–19) Science	Studies will include: Academic Study Skills • Mathematics Skills • Elective course	See note ⁵	N/A	See note ⁵	1F		See Science.

Science Dual Degrees

Degree Name	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Degree Name	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years
Advanced Mathematics (Hons)/Arts	95.00	95.00	37	5F	Environmental Management/Arts	80.00	82.00	28	4.5F
Advanced Mathematics (Hons)/Computer Science	95.00	95.00	37	5F	Engineering (Hons) in Materials Science and Engineering/Master of Biomedical Engineering	92.00	92.00	34	5F
Advanced Mathematics (Hons)/Engineering (Hons)	95.00	95.00	37	6F	Engineering (Hons) in Materials Science and Engineering/Engineering Science in Chemical Engineering	92.00	92.00	34	5F
Advanced Science (Hons)/Arts	95.00	95.00	37	5F	Engineering (Hons) in Materials Science and Engineering/Commerce	96.30	97.00	38	5.5F
Advanced Science (Hons)/Computer Science	95.00	95.00	37	5F	Science/Arts	85.00	85.00	31	4F
Advanced Science (Hons)/Engineering (Hons)	95.00	95.00	37	6F	Science/Social Research and Policy	85.00	85.00	31	4.5F
Advanced Science (Hons)/Fine Arts	95.00	95.00	37	5F	Science/Fine Arts	85.00	85.00	31	4F
Advanced Science (Hons)/Social Research and Policy	95.00	95.00	37	5.5F					

UNSW Canberra

Degree Name	Majors Available	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Assumed Knowledge	Career Opportunities
Arts ¹¹	Business • English • Geography • History • Indonesian • International & Political Studies	ATAR + DFR entry	N/A	IB Diploma + DFR entry	3F	English	Flexible degree that provides students with the opportunity to acquire high-level understanding and advanced analytical skills in key arts discipline areas.
Business ¹¹	Business	ATAR + DFR entry	N/A	IB Diploma + DFR entry	3F	English	The Business degree is designed to enhance business skills among future leaders and managers within the ADF and improve their relationships with external business providers.
Computing and Cyber Security ¹¹	Computing and Cyber Security	ATAR + DFR entry	N/A	IB Diploma + DFR entry	3F	Mathematics	Degree 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.
Engineering (Aeronautical) Honours ¹¹	Aeronautical Engineering	ATAR + DFR entry	N/A	IB Diploma + DFR entry	4F	Mathematics and Physics (Chemistry Desirable)	Aeronautical Engineering is the study of the design, development, or operation of aeroplanes or spaceships.
Engineering (Civil) Honours ¹¹	Civil Engineering	ATAR + DFR entry	N/A	IB Diploma + DFR entry	4F	Mathematics and Physics (Chemistry Desirable)	Civil Engineers are involved in the design, construction, operation, and management of infrastructure and facilities, such as roads, bridges, airfields, ports, harbours, buildings and all types of structures.
Engineering (Electrical) Honours ¹¹	Electrical Engineering	ATAR + DFR entry	N/A	IB Diploma + DFR entry	4F	Mathematics and Physics (Chemistry Desirable)	Electrical Engineers keep the world running smoothly by designing new and improved electrical systems. These include communication systems, electrical and electronic appliances, computers, radar and surveillance systems, medical equipment and power systems.
Engineering (Mechanical) Honours ¹¹	Mechanical Engineering	ATAR + DFR entry	N/A	IB Diploma + DFR entry	4F	Mathematics and Physics (Chemistry Desirable)	Mechanical Engineers find employment in design, construction or operation areas of manufacturing processes, industrial machinery, logistics, ships, yachts and submarines within ADF or industry.
Science ¹¹	Aviation • Chemistry • Computer Science • Geography • Information Systems • Mathematics • Oceanography • Physics	ATAR + DFR entry	N/A	IB Diploma + DFR entry	3F	English, Mathematics for majors of Mathematics, Physics, Chemistry and Oceanography, and Physics for majors of Physics and Oceanography	Graduates will have acquired scientific knowledge in a range of specialist areas and developed intellectual and practical problem-solving skills which can be applied in many areas in the ADF and in other careers.

UNSW Canberra							
Degree Name	Majors Available	2017 Cut-off	2018 GE Rank ¹	2017 IB Diploma	No. of Years	Assumed Knowledge	Career Opportunities
Technology (Aeronautical) ¹¹	Technology (Aeronautical)	ATAR + DFR entry	N/A	IB Diploma + DFR entry	3F	Mathematics and Physics (Chemistry Desirable)	Degree is primarily designed for RAAF officer cadets who intend to become aircrew and wish to enhance their understanding of the operation and performance of aircraft.
Technology (Aviation) ¹¹	Technology (Aviation)	ATAR + DFR entry	N/A	IB Diploma + DFR entry	3F	Mathematics and Physics (Chemistry Desirable)	Degree 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.
Engineering (Hons) Aeronautical Engineering (Non-Defence) ¹²	Aeronautical Engineering	ATAR + Application	ATAR + Application	IB Diploma + Application	4F	Mathematics and Physics (Chemistry Desirable)	As an Aeronautical Engineer you could work in aircraft, defence or space industries on the design and manufacture of light aircraft, passenger aircraft and military jets.
Engineering (Hons) Aeronautical Engineering and Science (Non-Defence) ¹²	Maths • Physics • Aeronautical Engineering	ATAR + Application	ATAR + Application	IB Diploma + Application	5F	Mathematics and Physics (Chemistry Desirable)	Aeronautical Engineering is the study of the design, development, or operation of aeroplanes or spaceships.
Engineering (Hons) Civil Engineering (Non-Defence) ¹²	Civil Engineering	ATAR + Application	ATAR + Application	IB Diploma + Application	4F	Mathematics and Physics (Chemistry Desirable)	You could work in all fields of infrastructure development, from constructing skyscrapers through to design and building dams and bridges. You could also work in regulatory and planning roles with government agencies, specialist consulting firms; construction companies; large public companies; government organisations which construct, manage and maintain public utilities; and financial and management consultancies.
Engineering (Hons) Civil Engineering and Science (Non-Defence) ¹²	Maths • Physics • Civil Engineering	ATAR + Application	ATAR + Application	IB Diploma + Application	5F	Mathematics and Physics (Chemistry Desirable)	Civil Engineers are involved in the design, construction, operation, and management of infrastructure and facilities, such as roads, bridges, airfields, ports, harbours, buildings and all types of structures.
Engineering (Hons) Electrical Engineering (Non-Defence) ¹²	Electrical Engineering	ATAR + Application	ATAR + Application	IB Diploma + Application	4F	Mathematics and Physics (Chemistry Desirable)	You may work with a telecommunications or electricity company, with large industrial groups in fields ranging from steelmaking to mobile phone manufacturing or with specialist firms making hi-tech biomedical or internet products and in service industries such as electricity and water, large private industrial groups, new technology firms, telecommunications and wireless electronics, internet services, biomedical instrumentation, manufacturing, and transport.
Engineering (Hons) Electrical Engineering and Science (Non-Defence)	Maths • Physics • Computer Science • Electrical Engineering	ATAR + Application	ATAR + Application	IB Diploma + Application	5F	Mathematics and Physics (Chemistry Desirable)	Electrical Engineers keep the world running smoothly by designing new and improved electrical systems. These include communication systems, electrical and electronic appliances, computers, radar and surveillance systems, medical equipment and power systems.
Engineering (Hons) Mechanical Engineering (Non-Defence) ¹²	Mechanical Engineering	ATAR + Application	ATAR + Application	IB Diploma + Application	4F	Mathematics and Physics (Chemistry Desirable)	As a Mechanical Engineer, you could work in the automotive, aerospace and transport industries, power generation, refineries, insurance industries, building services, railway systems design, consumer goods design and production and management consultancies.
Engineering (Hons) Mechanical Engineering and Science (Non-Defence) ¹²	Maths • Physics • Mechanical Engineering	ATAR + Application	ATAR + Application	IB Diploma + Application	5F	Mathematics and Physics (Chemistry Desirable)	Mechanical Engineers find employment in design, construction or operation areas of manufacturing processes, industrial machinery, logistics, ships, yachts and submarines within ADF or industry.

Notes:

¹ If you achieve a selection rank (ATAR, or equivalent, plus applicable bonus points) of this published rank, you will have Guaranteed Entry to this degree in the UAC Main Round as long as the degree is listed as your highest eligible preference. See page 18 or visit unsw.edu.au/ge for more information.

² UNSW Art & Design and Built Environment offers students (with an ATAR below the published cutoff) the opportunity to be considered for admission based on a combination of creative potential (demonstrated through submission of a creative portfolio) and ATAR. Further information, as well as exact submission dates, can be found at: artdesign.unsw.edu.au/futurestudents/how-apply/portfolio-entry and be.unsw.edu.au/alternative-admission.

³ Audition: See UNSW School of Arts & Media Music website sam.arts.unsw.edu.au for more information on Auditions.

⁴ Applicants are expected to have reached the level of at least Grade 7 AMEB Performance (or equivalent) and HSC Music 2 (2 unit), HSC Music Extension (3 unit) or Grade 6 AMEB Musicianship (or equivalent).

⁵ To be eligible for a UNSW Prep (17–19) program, you must be Educational Access Scheme eligible (see page 17) and have a minimum ATAR of 50.00. You must also submit a Personal Statement. See unsw.edu.au/unswprep17-19 for more information.

⁶ Co-op application, interview and minimum 96.00 ATAR. See coop.unsw.edu.au for more information and to apply.

⁷ Business Information Systems Admission Scheme is available to students who may not meet the ATAR entry requirement. Visit business.unsw.edu.au/bisas for more information.

⁸ For more information on Tongji Dual Degree entry see: be.unsw.edu.au/tongji

⁹ In addition to your ATAR, Aviation (Flying) requires an application directly to the UNSW School of Aviation, an interview and a CASA medical examination. For more information visit unsw.edu.au/lying

¹⁰ Faculty application form, interview, Undergraduate Medicine and Health Admission Test (UMAT) are required for this degree. Visit med.unsw.edu.au for more information.

¹¹ In addition to your ATAR, or equivalent, you'll need to complete the requirements of Defence Force Recruiting. Contact your nearest Defence Force Recruiting Office for more information.

¹² In addition to your ATAR, or equivalent, you'll need to complete an application on the UNSW Canberra website. Please see unsw.adfa.edu.au/non-defence-applicants for more information and to apply.

¹³ In addition to your ATAR or equivalent, you'll need to sit the Law Admissions Test. Visit law.unsw.edu.au/lat for more information.

What's on at UNSW...

We run tons of events just for you! To find out more about any of these events go to whatson.unsw.edu.au

Your journey starts here

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March

20
17

UNSW Semester 1 begins

- 1 Register for UMAT
umat.acer.edu.au
- 21 Built Environment Student
& Parent Info Night
- 21 Engineering & Science
Student & Parent Info Night
- 23 Year 12 Medicine Info Evening

April

- 1 Medicine online applications
open med.unsw.edu.au
- * Check be.unsw.edu.au/workshops
for details on Built Environment school
holiday workshops

May

- 1 Co-op Program online
applications open
- 1 Check law.unsw.edu.au/LAT
for updates on LAT key dates
- 10 Year 10 Subject Selection & Info Evening
- 23 Year 10 Subject Selection & Info Evening
- 25 Year 10 Subject Selection & Info Evening
- 31 Year 10 Subject Selection & Info Evening

June

- 1-4 HSC & Careers Expo
- 2 UMAT registrations close 5pm
- 7 Scholarships Info Evening
- 22 Art & Design Student/
Parent Info Evening
- 22-25 Western Sydney Careers Expo

July

UNSW Semester 2 begins

- 1 UNSW Scholarship
applications open
scholarships.unsw.edu.au
- 26 UMAT exam
- * Check be.unsw.edu.au/workshops
for July event dates.

August

- 1 Elite Athletes and Performers
Bonus Points applications open
unsw.edu.au/eap
- 26 ADFA Open Day

September

- 1 Built Environment Portfolio
applications open
- 2 UNSW Open Day
openday.unsw.edu.au
- 30 UAC, Co-op, Medicine &
Scholarships applications close
- * Luminocity exhibition:
be.unsw.edu.au/luminocity
- * Sit the Law Admission Test:
law.unsw.edu.au/lat

October

- 16 HSC written exams begin

November

- 10 HSC written exams end
- 15 Built Environment Portfolio
applications close
- 30 Elite Athletes and Performers
applications close

December

- 1-31 Built Environment graduation
exhibitions
- 15 NSW ATAR release date*
- 16 UNSW Info Day*
infoday.unsw.edu.au
- UAC close of Main Round preferences*
- UAC Main Round offers released*

* At print these dates were still being confirmed – make sure you check the websites for updated information: uac.edu.au and whatson.unsw.edu.au

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campustours.unsw.edu.au



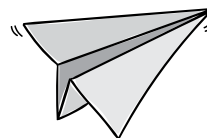
UNSW

Open Day

Saturday,
2 September



Use 'plan your day'.....
to create a unique timetable
openday.unsw.edu.au



University contacts

Future Students Office

Degree and admission
advice for domestic students

T: +61 (2) 9385 1844

futurestudents.unsw.edu.au
unsw.edu.au/ask

UNSW International

Degree advice and admission
procedures for international students

T: +61 (2) 9385 6996

international.unsw.edu.au



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