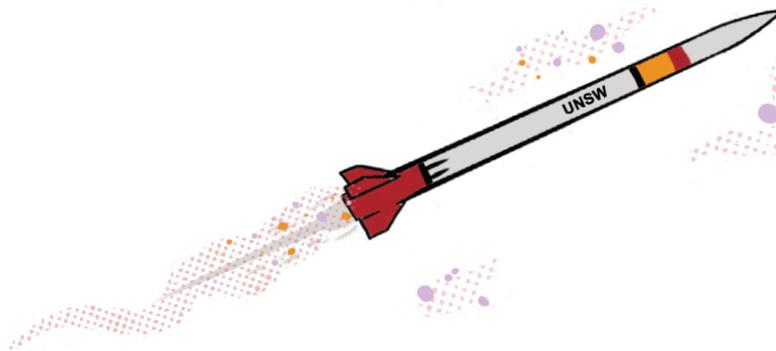




UNSW Engineering Welcome Guide



Getting Started



Once you have accepted your offer and you would like more information on next steps, visit the **Getting Started** website for more information about how to:

- Enrol in your courses
- Getting your student ID card and setting up your university email address
- Finding your way around campus and lots more

***Please note** – there may be a delay between when you accept your offer and when you can enrol in your courses

The Challeng Program

From your second year join a real world project via **The Challeng Program!**

Courses on offer in the Challeng Program count as electives, so make sure you plan ahead with your electives selections to allow enough space in your degree.

The Challeng Website

Stay connected:

Don't miss amazing opportunities

Keep engaged via the below channels

- ENGSCOPE Student newsletter - Delivered to your UNSW student email. It's your direct source for student news and events and career opportunities.
- UNSW Engineering website: **'The Study with Us'** and **'Student Life'** pages have a lot of helpful information.

10 Most Important Steps

1. Enrol in courses – for more information please visit the **Getting Started website**
2. **Get a student ID card**
3. Access your **UNSW email**. Click **here** for more instructions
4. Complete the **compulsory ELISE quiz**
5. Make a booking to do your **Makerspace Safety Induction Badge** (a must for ENGG1000)
6. Follow **UNSW Engineering on Facebook**
7. Attend **Engineering Welcome during O'Week**
8. **Visit the Wellbeing, Health and Safety page**, which offers a heap of support services
9. **Checkout the UNSW Handbook**, your guide throughout your degree for subject selection
10. Any questions? **Visit the Nucleus: Student Hub**
11. Visit your lecture theatres, tutorial rooms or labs before your first class so you don't get lost. **See UNSW campus maps.**

UNSW Students and Staff built and participated in the Mardi Gras Parade!





Biomedical student and client from Biomechanics of Physical Rehabilitation course working together

Key Dates

Key dates for enrolment, census and exams can be found [here](#). A simplified view of exam and term-break dates can be seen via the [academic calendar](#).

Moodle & Microsoft Teams

Moodle and Microsoft Teams are learning platforms used to deliver your courses. You will access lecture recordings, tutorial notes and course materials via these sites throughout your degree.

[Moodle support](#)

[Microsoft Teams Support](#)

The Nucleus: Student Hub

The Nucleus provides essential services, such as your student ID card and changing residency status and getting documents certified and authenticated for DFAT.

Visit nucleus.unsw.edu.au/contactus for more information.

Engineering Student Support Services

The Nucleus: Student Hub - Engineering Student Services

Location: Library, Level 2 (Ground Floor)

[Click here for: Contact Details & Opening hours](#)

Enquiry forms: unsw.to/webforms

Got questions? [Go the FAQ's page](#)

Useful Terminology–Lingo

Program = Degree e.g Bachelor of Engineering (Mechanical & Manufacturing Engineering)

Plan = Majors - e.g Mechatronics Engineering or Aerospace Engineering

Course = Subject – e.g ENGG1000, MATH1131 or PHYS1121

Checkout the UNSW Handbook

This is your guide to your degree, major and courses throughout your study at UNSW. It specifies which courses you must complete, and if applicable, in which year. It also provides information on electives and general education subjects on offer.

➤ www.handbook.unsw.edu.au

Flexible First Year

Are you a Flexible First Year Student?

[Then check out this page.](#)

Elective Courses

Want to check out the Elective Courses on offer [click here](#).



You are always expected to manage your own enrolment and class schedule.

Remember if you want to join The CHALLENG Program from your second year you need to plan to save elective space in your degree.

Creating your timetable

Enrolling involves not only selecting which courses (i.e. subjects) to enrol in, but also which specific courses you would like to attend for your lectures, tutorials and labs. Sometimes you will have a lot of options of times to choose from, and sometimes there will only one option.

Plan your term using a third-party online app like CrossAngles and Timeweave (see below). Please note, these apps do not check course prerequisites and aren't managed by UNSW.

Useful Apps

CrossAngles allows you to drag, drop and move around class times to make the perfect timetable for you, whether that means less days at uni, sleeping in, or more breaks between classes.

Timeweave allows you to import your class timetable and see all your friends' timetables, too. It's handy for when you want to schedule lunch or coffee with friends, or just have an hour free between classes and want some company.

Lost on Campus provides a map of campus buildings and rooms, as well as essential amenities like bathrooms, water fountains and microwaves. A must-have for students unfamiliar with the campus.

UNSW Services

UNSW Health, Wellbeing and Safety

➤ <https://www.student.unsw.edu.au/wellbeing>

The UNSW Health, Wellbeing and Safety provides a free and confidential service to all students. Services included:

- Counselling for individuals
- Orientation to UNSW and the University experience
- Motivational support
- Seminars & workshops to enhance student success
- Personal skills development
- Self-help resources to develop personal and academic effectiveness
- Advisory services for staff & students
- Self-help resources to develop personal & academic effectiveness

Psychology & Wellness

➤ <https://www.student.unsw.edu.au/counselling>

Free and confidential face-to-face and telehealth counselling sessions for all UNSW students.

Can't wait and need support now?

Mental Health Connect Student Line

Tel: (02) 9348 0084, Monday - Friday 9am - 5pm

If it is after hours, call UNSW Mental Health Support, 5pm-9am:
1300 787 026

International students, not in Australia, call **+61 2 8905 0307** anytime of the day or night (24/7)

In case of emergency or life threatening situation within Australia call 000.

UNSW Employability

➤ employability@unsw.edu.au

UNSW Employability provide services to assist students in the development of career management skills. These include workshops, online job search facilities, careers expos and one-on-one assistance to help with resumes and interview techniques. Sign up for their free fortnightly e-Newsletter service for upcoming events and current job opportunities..

Equitable Learning Services

➤ <https://www.student.unsw.edu.au/els>

Equitable Learning Services is a free and confidential service that provides practical support to ensure your health condition doesn't adversely affect your studies. The unit offers educational support and programs for any student who:

- Is managing a disability, health or learning difficulty, or is studying under difficult personal circumstances such as a demanding career, a single parent looking after a child with a disability or a student in day-release program
- Lives in regional or remote New South Wales
- Has the potential to succeed at university, but has never been encouraged to think about going
- Has encountered harassment or anti-discrimination from another student or staff member while on campus.

Contact: els@unsw.edu.au

Emergency

Call Security: **02 9385 6666**



Join the ChallENG Program

Choose your ChallENG and change the world!

ChallENG is a program that prepares you for your future career, connecting students, academics and industry to work together on exciting, real world, project-based learning initiatives.

[Learn more.](#)



VIP VERTICALLY INTEGRATED PROJECTS

ChallENG yourself to work on research that changes the world

Apply in your first year to join a Vertically Integrated Project (VIP) team that you can start in from your second year of study.

In VIP you'll immerse yourself in research projects that solve real-world problems!

Experience innovation in action in a multi-disciplinary team with other like-minded engineers and gain highly sought-after technical and professional skills that you can apply to your engineering career in the future.

The VIP course ENGG2600 is a discipline elective for Engineering students. Make sure you get advice on mapping your degree so you have enough elective space to join a VIP team, and check out the VIP projects on offer.

[More](#)

ASSISTIVE TECH HUB

ChallENG yourself to design assistive technologies with real clients

Assistive Tech Hub (ENGG3060) is an exciting course which makes a real impact on the lives of others. Students co-design and prototype an assistive technology with a real client with a disability to improve their lifestyle.



HUMANITARIAN ENGINEERING

At UNSW Engineering, we are developing a new generation of global leaders who aim to solve the greatest challenges and engineer a sustainable world. By studying the Humanitarian Engineering, you have the invaluable opportunity to apply sustainable and innovative technologies to help solve problems in disadvantaged communities, both in Australia and internationally.

[More](#)





Future Proof your Career by Joining the ChallENG Program.

I have only been a member of Sunswift for a couple of months, but it has quickly become my favourite thing about my 4+ years of uni so far. It is a project that is grounded in the real world with incredible industry exposure and gives us students a very unique learning opportunity. With experienced mentors, professional workshops, detailed planning, and highly challenging engineering work, it feels more like an exciting startup company rather than a university project.

Benjamin Heina
Sunswift VIP Team
Mechanical Engineering Student

Courses in The ChallENG Program are electives. We encourage students early in their first year to seek advice from [Engineering Support Services](#) for help mapping their degree so they can participate in The ChallENG Program.

Quick Overview – Vertically Integrated Project

VIP is available to all undergraduates from the start of their second year. Check out the VIP projects and apply for a team in first year so you're ready to start in Term 1 of your second year of study.

- For Engineering students the VIP course counts as a Discipline Elective.
- The courses run across three consecutive terms each year: T1, T2 and T3 (2 UoC per Term) = 6UoC. This enables students to extend their project-based learning experience beyond a single semester.
- VIP prerequisites: You need to have completed 42 units of credit by the end of your first year and have done ENGG1000.
NB: Computer Science and Food Science are exempt from ENGG1000.

For more info: [VIP FAQ's](#)
[Check out VIP projects on offer](#)

Got a question?

Email us at challeng@unsw.edu.au

Women in Engineering Program

Inspire | Engage | Empower



At UNSW, we're proud to have one of the largest Women in Engineering communities in Australia, and our mission is to ensure you get the very best out of your time at uni.

The Women in Engineering Program helps you thrive at uni and beyond – to **inspire** you on your journey, to **engage** you with exciting initiatives and programs, and **empower** you as a highly sought-after graduate in the field of your choice. From mentoring and fun events to professional and technical skill building – even opportunities to inspire the next generation of engineers – we've got your back!

- Our dedicated Women in Engineering program manager is here to help! Email wie@unsw.edu.au for anything you can't solve on your own – whether it's academic, personal or professional, we're here to support you.
- Make sure you come along to our faculty supported events – join our term-by-term O'Week welcomes, International Women's Day, and more. [Stay tuned here!](#)
- Meet fellow first-years and receive mentoring from an older student to help you settle into uni with **WIESoc's Protégé Program**.
- Register for WIESoc's **Industry Mentoring Program**, and pair up with an industry mentor for career advice, networking opportunities and industry insights.
- Jump into the **New Wave Program** and learn entrepreneurial skills in a women-only, two-week intensive start-up program and competition.
- Join a **student society** and celebrate university life with fun social events – from WIESoc to TWEET, WIRE, WIT and Robogals, there's something for everyone!
- Inspire the next generation of engineers by volunteering for workshops, challenges, blogs and more in our popular **Girls in Engineering Club** for high school girls interested in STEM. Pitch us your idea at wie@unsw.edu.au
- Connect with other female-identifying engineering students virtually through the **WIE Connect** program and grow your network!"

Stay in the loop on your socials

-  UNSW Women in Engineering
 -  Women in Engineering Society
 -  wie@unsw.edu.au
- www.unsw.to/wie



Maker Space Network

UNSW Engineering has three Makerspaces on campus covering everything from electronics, 3D printing, laser cutting, woodwork and metalwork. The Makerspaces are open to ALL students and we encourage you to drop by anytime and get involved.

“ Really embrace our unique maker culture. The Makerspaces give you access to top of the line tools and machinery to build whatever you can imagine. ”

Dylan Sanusi-Goh
Computer Science and Engineering student

The first step is registering on the UNSW Making website

➤ **Start Your Making Journey**

Our Makerspaces are places where you can work on course work, student projects or your own personal project and we provide free training for all equipment. We encourage sharing of ideas, collaboration and community.

Everything you need know including maps, training and opening hours can be found at

➤ **Engineering Makerspaces**

We run a Makerspace Volunteer Program (MVP) that starts in Term 2, drop by for a chat with any of our friendly Makerspace Ambassadors who have all been volunteers in the program. You can't miss them in their Hi-Vis UNSW Making T-shirts.

Student Societies

Want to make new friends, gain new skills and work as part of a team? There are hundreds of student societies at UNSW to get involved in! Below is a list of the student societies for the Faculty of Engineering and its schools. Follow them on Facebook and get involved in their programs and events!



Engineering Society

➤ <https://www.facebook.com/groups/unswengsoc/>



Women in Engineering Society

➤ <https://www.facebook.com/wieunsw/>



Engiqueers

➤ <https://www.facebook.com/EngiqueersUNSW/>



Biomedical Engineering Student Society

➤ <https://www.facebook.com/UNSWBESS/>



Chemical Engineering Undergraduate Society

➤ <https://www.facebook.com/ceus.unsw/>



Women in Renewable Energy Society

➤ <https://www.facebook.com/WIREUNSW/>



The Women in Electrical Engineering & Telecommunications Society

➤ <https://www.facebook.com/unswtweet/>



CEVSOC

Civil and Environmental Engineering Society

➤ <https://www.facebook.com/cevsoc/>



Computer Science and Engineering Society

➤ <https://www.facebook.com/csesoc/>



Electrical Engineering Society

➤ <https://www.facebook.com/eeunsw/>



Mechanical Engineering Society

➤ <https://www.facebook.com/UNSWMECHSOC/>



Mineral and Energy Resources Engineering Society

➤ <https://www.facebook.com/UNSWMERESOC/>



Society for Photovoltaic and Renewable Energy Engineers

➤ <https://www.facebook.com/groups/resoc.unsw/about/>



UNSW Women in Technology

➤ <https://www.facebook.com/unsw.wit>

Get Ready for Industrial Training!



To graduate from an accredited engineering program at UNSW, you must complete 60 days of approved Industrial Training. This program provides you with a work integrated learning experience that enables you to undertake 60 days of supervised placements, preparing you for your future Engineering career.

Enrol into the Faculty of Engineering Industrial Training Moodle to prepare your resume, get ready for interviews, and access all the information you need. You must apply for approval before commencing a placement.

Get started by following the [Checklist](#).

Questions?

The Industrial Training Team run workshops every term. They will be advertised [here](#). You can hear from potential employers, learn about how to undertake Industrial Training and get your prepared.

Contact the Industrial Training office

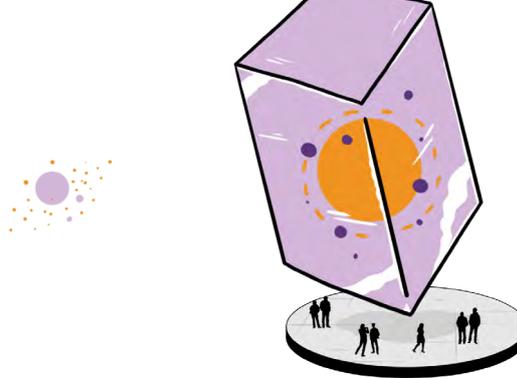
Email: eng.wil@unsw.edu.au

Phone: (02) 9385 7661

Website: <https://www.unsw.edu.au/engineering/study/industrial-training>



Handy Hints



How to get to Uni:

1. There are many public transport options to get to the UNSW Kensington campus. [Check it out here.](#)
2. If you're driving to UNSW, you'll need to arrive early to get a parking spot near campus. Parking is available at the Barker Street car park, but it's expensive - and a parking fine is worse!
3. TripView app: An absolute must for all commuters. Find in the app store.
4. Follow the link to get details on [Student Opal Cards](#), Parking and the Paddington Campus shuttle bus.

Food:

UNSW has no shortage of food and coffee joints. If you're on lower campus, Stellini Pasta Bar offers a wide range of tasty pastas, or you can visit Guzman Y Gomez for a burrito. On upper campus, Subway and Boost offer familiarity, or you can check out Southern Wok for a wide range of noodle and rice dishes. The Mathews food court offer a variety of cuisines from Indian to Japanese. If you're in the middle, visit Coffee on Campus to mix and match your own lunch (there are always lines during lunch time!), or check out the daily deals at the Whitehouse. After class you can hit the Roundhouse for happy hour drinks with friends.

IGA:

Just under the university terraces, IGA has all the snacks you could need.

Other Services

UNSW has other services available on campus such as:

- Banks (ATMS, CBA Branch)
- Australia Post
- Pharmacy
- STA Travel
- UNSW Health Centre

See a full list of food and retail outlets on campus here:

➤ <https://bacs.unsw.edu.au/property/retail>

Campus Map:

1. UNSW is big, confusing and busy... the campus map is your best friend. Download and highlight your classes before day 1! Some of us even highlighted what looks to be a suitable path.
2. O-Week campus tours run by the Yellow Shirt leaders are a sure-fire way to get familiar with campus!
3. Download the Lost on Campus app before Day 1 and work out the route to your classes beforehand, so you're not walking in late in front of everyone!

Campus Map:

➤ <https://student.unsw.edu.au/maps>

Student support groups

This is a BIG one (trust us!). While your lectures are great, it's your classmates who get you through each course.

Join the Facebook page AND group chat for each of your courses. Ask questions, get reminded of due dates, get solutions and hints for quizzes and even get week by week revision notes from some of the best and brightest!

☑☑ Coffee lovers! Bring a keep-cup to save 50¢ and the environment at most cafes on campus.

Textbooks cost an arm and a leg. Unless your lecturer specifically advises, don't buy textbooks before you start uni! Also, always check for LEGAL online copies before hitting up the bookshop☑☑

Isabella Notarpietro
Chemical Engineering student

Study Hints!

University life is busy.
Hedge your bets and maximise
your marks!

1. **Every percentage counts:** DO NOT slack off any weighted work. Whether it's an 8% Maple coding test or a 1% weekly MMAN1300 quiz, do it and do it well. It might seem tedious but come end of term exams, having the comfort of an extra 15% you've worked hard for during the semester not only reduces stress but will often get you over the line if it's going to be a close pass!
2. **Attendance:** Attendance IS compulsory. Even if you feel as though you don't need to attend a class to pass, remember anything can happen in that final exam and you'll be livid if your overconfidence costs you! So trust us, turn up every time.
3. **Demonstrators \$\$:** Being a demonstrator in your later years not only looks great on the resume but it also puts a little extra cash in your pocket! Your lecturers will tell you about these opportunities when they arise.
4. **Study buddies:** Make your best effort to make some study friends! It'll help you more than you could imagine.





UNSW Student Life

arc.unsw.edu.au

EXPERIENCE EVERYTHING

CLUBS VOLUNTEER SPORT
EVENTS WELLNESS HELP



SCAN FOR MORE!



JOIN ARC TODAY

KICKSTART YOUR STUDENT LIFE AND EXPERIENCE EVERYTHING!

Clubs

300+ opportunities to try something new, work on your passion and meet your people.

Sport

From Learn to Play to Nationals, Arc Sport brings the fitness fun to all students at every level.

Volunteers United

Give back and work with non-profit organisations as a part of the biggest volunteering group at UNSW.

Events

Whether you're into online gaming, EDM raves, or both — we'll see you there! Got some time to kill? Head down to the Roundhouse for a bev and a burger with your mates.

Community

Give back to your communities on campus and off.

Sustainability

Reduce waste, grow your own veggies, and make the world a greener place, one step at a time.

Creativity

Develop your skills and start your creative journey with our publications, exhibitions, and opportunities.

Wellness

Destigmatise the conversation around student mental health.

JOIN Arc TODAY TO ACCESS ALL OF THIS GOOD STUFF AND HEAPS MORE.

SCAN FOR MORE!



arc.unsw.edu.au

  ArcUNSW

Contact Us

We look forward to welcoming you to
UNSW Engineering.

The Nucleus: Student Hub - Engineering Student Services

Library, Level 2 (Ground Floor)

See opening hours here:

<https://nucleus.unsw.edu.au/en/contact-us>

Ph: +61 2 9385 8100

Submit an online enquiry

You can submit an enquiry via unsw.to/webforms

Join the queue before your visit

Instead of standing in line at The Nucleus: Student Hub, use your mobile device to reserve your place in our virtual queue.

1. Download the Uni-Verse app (requires log-in) to your phone.
2. Select the My Services icon. Queue wait times are displayed, so you can decide if you want to wait or reserve your place in the queue later.
3. Select the Nucleus Hub icon. Enter your mobile number and query details.
4. Select the Join the queue button.
You will receive an SMS when it's your turn.

Join us on social media for all the latest news and updates

 UNSW Engineering

 UNSWEngineering

 UNSWEngineering

 <https://www.engineering.unsw.edu.au/>

