

# girraween high careers express

CAREERS NEWSLETTER

February, 2022

NO. 1

## Introduction:

A warm welcome to 2022, hope you all had a lovely holiday, are enthusiastic about this year and have an enjoyable and productive year. Please be aware that the purpose of this publication is to keep you up to date with information as it comes to the school. Your responsibility is to research about anything that interests you and to see the Careers Adviser whenever you need.

This term, I will attend a number of "Careers Adviser's Days" at various universities. These seminars are valuable sources of information. I will pass much of this information on in the next few months via the Careers Newsletter. Although these days take me out of school, it is imperative to get feedback from universities to help each current and future Year 12 cohort.

## Study Work Grown previously used to be known as MHS:

Study Work Grown is the website that the school is registered with for use by students, parents and teachers. It provides information on career related events happening throughout the year, information on post school options and provides general careers advice.

It is a good idea to log on the Study Work Grow website to check the latest careers news and update yourself with available study options for future careers decision making. To create your membership:  
**Step 1** - Go to <https://studyworkgrow.com.au/school/girraween-high-school>

**Step 2** - When asked, enter your school code - GHS2019

## Jobjump Website:

Jobjump is another website that the school is registered with for use by students, parents and teachers. When you register on JobJump you will receive the News on the Careers you like. Plus you will be able to use all parts of the JobJump website to help you plan and assist in achieving your Career dreams. To register with JobJump, go to the front screen of the website at [www.jobjump.com.au](http://www.jobjump.com.au)

**STEP 1.** Enter into the first white box the first letters of your school's name and when the full name appears in blue just below, click on your school name and it will enter automatically into the first white box.

**STEP 2.** In the second white box, enter your email address and then click the Login button.

**STEP 3.** A new screen will appear which asks you to type in lower case letters your school's password.

**Insert your school password: hounddog**

## The Western Sydney Careers Expo :

The Western Sydney Careers Expo will be held at Sydney Showground—Sydney Olympic Park on Thursday 23, Friday 24, Saturday 25 and Sunday 26 June, 2022 from 9am until 3pm. The Expo will bring together organizations providing tertiary course, career, vocational, employment, HSC and gap year information and resources. It also features over 120 seminars on topics including tertiary and training courses, career and study advice. HSC subjects seminars most of which are presented by the NSW Board of Studies. The school booked for all **Year 10 and 12** to attend this expo on **Thursday 23/06/22**. The students will be provided with a ticket that will entitle them to re-visit the expo if they wish on Saturday 25 and Sunday 26 June, 2022. **If restrictions apply so it will be virtual.**

## MyFuture:

For 20 years, myfuture has been a trusted source of career information within the Australian education community providing content that is practical, targeted and developed by experts. As well as supporting students, teachers and career practitioners, myfuture provides tools and resources to help parents and carers support their child's career exploration, engage them in career conversations, and raise awareness of post-school options.

## Upcoming events

### Guest Speakers

**Year 10, 11 & 12 are all invited to attend the following presentations that will take place in Room 41 (Senior Study Room) on the following dates:**

- ANU (Virtual) ~ University's webinar series
- Professional Cadetship (in person) ~ Monday 9/5/22
- UNSW ~ TBA
- USYD ~ TBA
- Macquarie Uni ~ Tuesday 3/5/22
- ACU ~ TBA
- UNSW Medicine Talk ~ TBA
- WSU Medicine & Health Sciences ~ Tuesday 17/5/22
- UTS ~ TBA
- UNSW CO-OP Scholarships ~ TBA
- UTS CO-OP Scholarships ~ TBA
- Macquarie Co-Op Scholarships ~ TBA

## Careers Excursions, Incursions, Work Experience & Career Programs

### Year 10:

- Macquarie Discovery Day ~ TBA (All Students)
- The Western Sydney Careers Expo ~ Sydney Showground—Sydney Olympic Park or virtual ~Thursday 23/06/22 (All Students)
- Work Experience Week ~ Monday 8/8/22 until Friday 12/8/22 (All Students)
- Australian Business Week ~ Friday 25/11/22 Period 3 until Friday 2/12/22 Period 5 (All Students)
- Mock Interviews ~ Monday 5/12/22 until Friday 9/12/22 (All Students)

### Year 11:

- WSU Careers Event Day - UWS Campbelltown Campus ~ TBA (Optional)

### Year 12:

- The Western Sydney Careers Expo ~ Either at Sydney Showground—Sydney Olympic Park or Virtual ~Thursday 23/6/22 (All Students)

**Please note that the Careers Expo excursion and few of the above mentioned excursions/ incursions are not optional.**

**If an optional excursion falls on an assessment day please make sure you do not apply to go as you can not miss on your assessment.**

**It is very important that you pay the excursion cost which will be invoiced as part of your school fees and hand in the notes by the due date stated in your letters to avoid any inconvenience for the school and for yourself as well. Thank you for your consideration and responsible attitude.**

## Important:

**Kindly note that if you are interested in any of the webinars and/or activities organized by external providers and are falling during school hours you have to seek permission first from the Careers Adviser and do the required paper work before attending to avoid being considered absent from school on that day.**

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## Professional Cadetships Australia (PCA) :

Professional Cadetships Australia (PCA) provides Year 12 students the opportunity to apply for cadetships in Business with leading companies. The cadetships provide cadets with paid employment while they undertake university studies. Under the Business Cadetships Program, cadets study at the university of their choice and select from degree programs in Business, Commerce, Economics, Computer Science and Technology, Mathematics and Humanities. Online applications open on 7th March, 2022 and close on 25th May, 2022, including the school assessment. For more information visit [www.businesscadetships.com.au](http://www.businesscadetships.com.au).

Please make sure you allow me enough time prior to the closing date to fill in the school section, so you need to submit your application online by Monday 16th May, you will then be sent a letter that you will have to bring to me with the log in details for me to be able to fill in your school assessment and submit it before 25th May, 2022. To help you edit your application, finish your application during the April School Holidays and bring to me as soon as Term 2 starts to edit, advise on any changes and finalise before you submit online. Don't hesitate to come and see me for more clarification or if you have any questions.

## The Australian National University Applications 2023:

ANU Direct applications for 2023 open on 2nd March 2022 and close on 23rd May, 2022 for all domestic school leavers. There is no application fee, students will be required to meet the co-curricular or service requirement, and they will apply for admission, guaranteed accommodation, and over 200 scholarships all in one application. For more information: <https://www.anu.edu.au/study/apply/domestic-applications-anu-undergraduate>

## The Australian National University Tuckwell Scholarship:

One of the most prestigious scholarships in Australia. The program has a focus on giving back to Australia and is the only one of its kind that nurtures Scholars to fulfil their broader community ambitions over and above the pursuit of an undergraduate degree. <https://tuckwell.anu.edu.au/applying/tuckwell-scholarship-mailing-list>

Key dates to apply for the ANU 2022 Scholarships:

Applications open: 10am (AEDT) Wednesday 02 March, 2022

Applications due: 3pm (AEDT) Tuesday 26 April, 2022

## ANU APPLICATION WEBINAR SERIES:

ANU is planning a series of webinars for prospective students throughout the application window. The sessions will run at 4:00pm on Wednesdays, beginning Wednesday 2 March with a student panel Q&A, and including sessions about the application process, accommodation, scholarships, and the co-curricular requirements. The webinar series will be published at <https://www.anu.edu.au/study/events> in the coming weeks and students will be able to register for any of the sessions they are interested in via this webpage.

Recordings from the sessions will be uploaded to the ANU Experience YouTube channel. You can view recordings from last year's series at <https://www.youtube.com/playlist?list=PLSELPF10xuaQTm9RWfmcKr9sfncg8Yebz>

## Universities Admission Centre (UAC):

### What is the ATAR?

The ATAR is a rank, not a mark.

The Australian Tertiary Admission Rank (ATAR) is a number between 0.00 and 99.95 that indicates a student's position relative to all the students in their age group (ie all 16 to 20 year olds in NSW). So, an ATAR of 80.00 means that you are 20 per cent from the top of your age group (not your Year 12 group).

Universities use the ATAR to help them select students for their courses and admission to most tertiary courses is based on your selection rank (your ATAR + any applicable adjustments). Most universities also use other criteria when selecting students (eg a personal statement, a questionnaire, a portfolio of work, an audition, an interview or a test). [https://www.uac.edu.au/future-applicants/atar?](https://www.uac.edu.au/future-applicants/atar?utm_medium=email&utm_campaign=Directions%20January%202022&utm_content=Directions%20January%202022+CID_0c6ca606e9ff9d8f4a78af992a6f27d1&utm_source=Email%20marketing%20software&utm_term=More%20about%20the%20ATAR)

[utm\\_medium=email&utm\\_campaign=Directions%20January%202022&utm\\_content=Directions%20January%202022+CID\\_0c6ca606e9ff9d8f4a78af992a6f27d1&utm\\_source=Email%20marketing%20software&utm\\_term=More%20about%20the%20ATAR](https://www.uac.edu.au/future-applicants/atar?utm_medium=email&utm_campaign=Directions%20January%202022&utm_content=Directions%20January%202022+CID_0c6ca606e9ff9d8f4a78af992a6f27d1&utm_source=Email%20marketing%20software&utm_term=More%20about%20the%20ATAR)

2022 Ratings: The top universities for undergraduate study. UAC is delighted to announce the release of The Good Universities Guide 2022 ratings! These ratings provide a series of insights on Australian universities, helping you in the process of deciding where to study.

A combination of resources provided by the Department of Education, Skills & Employment are used to create these ratings, as well as graduate and student experience surveys in Australia. The results show that despite the challenges of Covid-19, universities have continued to serve students at a high standard.

When choosing a university, there are a lot of things to consider. First, there is the characteristics of a university— what are the teachers like, and how many students will be in a class? There's the experience you have once you enrol – how much support you'll receive, the quality of teaching, and how engaged you'll be in your learning. And finally, the outcome of your studying experience – how likely you are to get a job, and much you could earn as a graduate. <https://www.gooduniversitiesguide.com.au/education-blogs/rankings-ratings/2022-ratings-the-top-universities-for-undergraduate-study>

### SCHEMES

After you've applied for a course, consider also applying through UAC for a scholarship or access scheme:

**Equity Scholarships** assist disadvantaged students with the costs associated with higher education. They are awarded to students from low socio-economic backgrounds, particularly those who receive Centrelink income support payments.

**Educational Access Schemes** help students who have experienced long-term educational disadvantage gain admission to university.

**Schools Recommendation Schemes** are used by institutions to make early offers of undergraduate admission to Year 12 students using criteria other than, or in addition to, the ATAR. More information will be available on [www.uac.edu.au](http://www.uac.edu.au)

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## University Clinical Aptitude Test—(UCAT TEST):

The University Clinical Aptitude Test (UCAT ANZ) is an admissions test used by the UCAT ANZ Consortium of universities in Australia and New Zealand for their medical, dental and clinical science degree programmes.

The test helps universities to select applicants with the most appropriate abilities and professional behaviours required for new doctors and dentists to be successful in their clinical careers. It is used in collaboration with other admissions processes such as interviews and academic qualifications. It is also an opportunity to stand out from other applicants and demonstrate aptitude for a demanding programme of study. The UCAT ANZ is a computer-based test delivered in Pearson VUE test centres throughout Australia and New Zealand. You must complete a two-step process using the Pearson VUE online registration system to register and then book a test.

**Online Account Registration and booking a test:**  
**Opens 1 March and Closes 31 May, 2022.**  
**Testing begins 1 July, 2022 and last testing date will be 12 August, 2022. Results delivered to universities: Early September.**

More information is found on the UCAT website: [www.ucatofficial.com](http://www.ucatofficial.com). The test consists of five subtests: Verbal Reasoning, Decision Making, Quantitative Reasoning, Abstract Reasoning and Situational Judgment. The following universities will use UCAT in their selection process for **Medicine and other Health Sciences courses** for entry:

<u>State:</u>	<u>University:</u>	<u>Course:</u>
NSW	UNSW	Medicine
	Newcastle/UNE	Medicine
	WSU	Medicine
	Charles Sturt	Medicine & Dental Science
Victoria	Monash University	Medicine
	La Trobe University	Dental Science
Queensland	UQ	Medicine (Prov.Entry)
		Dental Science
	Griffith University	Dental Health Science
	CQU	Medical Science (Regional Medical Pathway provisional Entry to UQ)
SA	Uni of Adelaide	Medicine, Dentistry, Oral Health
	Flinders University	Clinical Sciences/Medicine
WA	UWA	Medicine, Dentistry
	Curtin University	Medicine
Tas	UTAS	Medicine
NT	Charles Darwin	Medicine
NZ	Auckland Uni	Medicine
	Otago	Medicine, Dentistry

**A number of organizations have organized courses for UCAT applicants.. Organizations details are as follows:**

**MedEntry** [www.medentry.edu.au](http://www.medentry.edu.au) 03-9359 9960  
 (Offering 40% discount for groups of 2 or more and 60% for those nominated by the Careers Adviser)

**Icanmed:** <https://www.icanmed.com.au/results>

**The National Institute of Education (NIE)** [www.nie.edu.au](http://www.nie.edu.au) 03-8300 0277 or 0414 595 117

**Medstart** [www.medstart.com.au](http://www.medstart.com.au) or 1300998628

## UNSW - Year 12 Medicine Information Evening:

Are you interested in a career in medicine?

Prepare for the future of health and join a community focused on improving life for all. Studying the Bachelor of Medical Studies/ Doctor of Medicine at UNSW will provide you with the theoretical understanding and practical experiences you need to launch your career as a medical professional.

UNSW's Medicine Year 12 Information Session will be held in March and will provide insight into the dynamic blend of hands-on clinical experiences and research-focused learning that you will be immersed in as a UNSW Medicine student. You'll also find out detailed information on the application and admissions process for 2023.

Join UNSW online where you will hear from the expert panel of academic staff and current students, and get all of your UNSW medicine questions answered.

Register your interest to receive the link to the online event.

<https://www.events.unsw.edu.au/event/livestream-year-12-medicine-information-evening>

## Charles Sturt University Medicine Information Night:

Hear all about Charles Sturt University's Doctor of Medicine Degree in March. Find out about admissions, UCAT, and rural or Indigenous entry as well as CSU's brand new facilities and Orange campus life. Contact [infoevents@csu.edu.au](mailto:infoevents@csu.edu.au) or 1800 ASK CSU Register : <https://study.csu.edu.au/med-info-night>

## Gap Medics International Medical Work Experience:

Shadow doctors, nurses, midwives or dentists in hospital for 1 – 8 weeks. <http://www.gapmedics.com.au/>

## Medical Schools and Programs in Australia:

Australia has 19 medical schools. The majority of schools offer the MBBS (Doctor of Medicine/Bachelor of Surgery) degree though some may offer the Bachelor of Medicine instead. This guide puts together in one place an overview of all the necessary information on the medical schools in Australia, the different programmes available and the application process for anyone who is considering a career path in medicine in Australia. <https://www.gapmedics.com/aus/guide-to-becoming-a-doctor-in-australia/>

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## Sydney UTAS – Medical Programs

**Darlinghurst** - The University of Tasmania's Darlinghurst campus offers Nursing within the School of Health Sciences offers the two year fast track Bachelor of Nursing course through the Darlinghurst campus in partnership with the St Vincent's and Mater Health Services.

**Rozelle** - UTAS offers Bachelor of Paramedic Practice and this course is supported by the Ambulance Service of New South Wales.

The University's School of Medicine offers the Bachelor of Paramedic Practice through the Rozelle campus and this course is supported by the Ambulance Service of New South Wales. The School of Medicine at the Rozelle campus aims to provide the community with sound, comprehensive out-of-hospital care through the development of paramedic students conversant in the field of paramedic practice.

The University's School of Health Sciences offers the fast track two year Bachelor of Nursing course through the Rozelle campus in partnership with the Sydney Local Health District, South Western Sydney Local Health District, South Eastern Sydney Local Health District and Illawarra Shoalhaven Local Health District. You can reach us at [Liliana.Arango@utas.edu.au](mailto:Liliana.Arango@utas.edu.au)

## Study Medicine Resource – Free Parent Information To Assist Your Son/Daughter Applying for Medicine.

Study Medicine has helpful information for parents – including the ATAR Scaling Guide <https://www.studymedicine.com.au/atar-scaling> 10 Step Application Guide <https://www.studymedicine.com.au/10-step-application-guide>. Parents can also understand university deadlines for medicine applications by reading the latest deadline information : <https://www.studymedicine.com.au/deadline-info>

## Which career in health science suits you?

Great quiz guides you to a health career specialization. <http://this.deakin.edu.au/careers/quiz-which-career-in-health-science-suits-you>

## Become a Psychologist Pathway:

The Australian Psychological Society has outlined the pathways to become a registered Psychologist. In short it takes a minimum of six years in education and training broken into undergraduate study, postgraduate study, internship and a registrar program. <http://www.psychology.org.au/studentHQ/studying/study-pathways/>

## The "O" and the "P" - Occupational Therapy vs Physiotherapy:

Professor Susan Brandis from Bond University has talked about differentiating between the "O" and "P". That is, the difference between occupational therapy and physiotherapy: <https://www.myhealthcareer.com.au/career-university/difference-between-physio-and-ot-by-Susan-Brandis-Bond-Uni> To keep up with the latest in health go to [www.myhealthcareer.com.au](http://www.myhealthcareer.com.au) and subscribe for free.

## Look out for SCHOLARSHIPS AND ACCESS

### Scholarship Search:

Over 3000 scholarships in Australia can be found by searching: <http://www.gooduniversitiesguide.com.au/scholarship/search>

### NSW University Scholarships

**Check out the scholarships available through the Uni's in NSW.**

#### Australian Catholic University (ACU)

<https://www.acu.edu.au/study-at-acu/fees-and-scholarships/find-a-scholarship>

#### Central Queensland University (CQU)

<https://www.cqu.edu.au/courses/future-students/scholarships>

#### Charles Sturt University (CSU)

<https://futurestudents.csu.edu.au/help-with-costs/scholarships>

Macquarie University <https://www.mq.edu.au/study/why-study-here/scholarships/domestic-scholarships-and-grants>

#### Southern Cross University (SCU)

<https://www.scu.edu.au/scholarships/>

#### University of New England

<https://www.une.edu.au/scholarships>

#### University of New South Wales (UNSW)

<http://www.scholarships.unsw.edu.au/>

#### University of Newcastle

<https://www.newcastle.edu.au/study/undergraduate/scholarships>

#### University of Notre Dame

<https://www.notredame.edu.au/current-students/opportunities/scholarships>

University of Sydney (UOS): <http://sydney.edu.au/scholarships/undergraduate/index.shtml>

University of Technology (UTS) <https://www.uts.edu.au/future-students/international/essential-information/scholarships>

University of Wollongong (UOW) <https://www.uow.edu.au/future/international/scholarships/index.html>

Western Sydney University (WSU) <https://www.westernsydney.edu.au/informationabout/>

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## University of Sydney New Pharmacy Degrees:

Wednesday 23 February 2022, 4:00 pm - 4:30 pm Online  
Find out more about the new Bachelor of Pharmacy (Honours)/ Master of Pharmacy Practice and Bachelor of Pharmacy and Management (Honours)/ Master of Pharmacy Practice that includes the required internship training hours so you can graduate ready to be a practising pharmacist. [https://uni-sydney.zoom.us/webinar/register/WN\\_B6ZekjV7SfOM3F4jRrda4g](https://uni-sydney.zoom.us/webinar/register/WN_B6ZekjV7SfOM3F4jRrda4g)

## University of Sydney - Dubbo Medical Program:

2 Mar 2, 2022. 4:30pm  
Find out about the Doctor of Medicine delivered entirely at USYD's Dubbo Campus. Learn why a regional and rural medical career could be for you. [https://uni-sydney.zoom.us/webinar/register/WN\\_S3gXjUjMQjCjEHkmaO1PPQ](https://uni-sydney.zoom.us/webinar/register/WN_S3gXjUjMQjCjEHkmaO1PPQ)

## University of Sydney—Bachelor of Science and Doctor of Medicine

USYD's double degree allows school leavers who have achieved exceptional results to commence a three-year undergraduate science degree followed by the four-year Doctor of Medicine (MD).

With a deeper understanding of the scientific fundamentals that underpin medicine, you will be better prepared for any career in medicine from specialisation to research and teaching. <https://www.sydney.edu.au/courses/courses/uc/bachelor-of-science-and-doctor-of-medicine.html>

## University of Sydney - Discover the Science Alliance:

Explore the wide range of events and activities run by the Faculty of Science. USYD got everything from public talks, HSC revision and school activities, to teaching resources. <https://www.sydney.edu.au/science/industry-and-community/community-engagement.html>

## University of Sydney | Life of a Psychologist:

Wednesday 6 April 2022, 4:00 pm - 4:30 pm Online  
Have you wondered what the day-to-day life of a psychologist is like? And what does it mean to be a psychologist? Join this session and learn about what psychology is about, what an average day of work might be like for the different types of psychologists and how you can pursue studies towards becoming one yourself.

Find out more: [https://uni-sydney.zoom.us/webinar/register/WN\\_4PFpflj9QoKUY4VFWAftNw](https://uni-sydney.zoom.us/webinar/register/WN_4PFpflj9QoKUY4VFWAftNw)

## Career planning for students on the autism spectrum – a webinar for parents and carers | Wednesday 9 March | 4.00pm (AEDT)

In this Insights webinar, Associate Professor Marina Ciccarelli from Curtin University, and Cheryl Mangan from Autism CRC will provide information about the myWAY Employability evidence-based resources available to assist young people on the autism spectrum in transition planning, to build their employability, and maximise their potential.

Join the team from myWAY Employability discuss such topics as:

- Starting challenging conversations about the future
- Identifying personal strengths, interests, and sensory preferences to guide career exploration and work experiences
- Providing a just right challenge
- Building self-determination.

Register now for this free event: <https://attendee.gotowebinar.com/register/1366920972620471309>

## Work experience Opportunities for Students:

### UTS Work Experience:

Over a one week intensive work experience explore chemistry, forensic science, environmental science, physics and advanced materials, medical and molecular science. Be an active member of a laboratory

**Where** - Sydney **How to apply** - Directly

**Who can apply** - Years 10 and 11 students

**Application deadline** - Reply only on expression of interest

### CSIRO work experience -

Find out about various career paths in science and how to get there by gaining experience with the CSIRO

**Where** - Varies

**How to apply** - Form

**Who can apply** - Years 10, 11, 12

**Application deadline** - March

### Kids Research Institute:

The Institute researches neuroscience and mental health, genetics and gene therapy, cancer biology, infectious disease and immunology and various other areas! Be an active member of the research team!

**Where** - Sydney

**How to apply** - CV, Academic transcript (or report for high school students)

**Who can apply** - High school and University students

**Application deadline** - Respond only on expression of interest (Prior to November for high school students)

### Kids Research Institute Work Experience:

Research areas at the institute include Neurosciences and Mental Health; Tissue Engineering and Bone Repair; Cancer Control; Genetics, Gene Therapy and Genomics; Obesity, Metabolism and Nutrition; Renal Medicine and Transplantation; Infectious Diseases and Immunology, and Clinical Services and Health Services Delivery

**Where** - Sydney **How to apply** - Directly

**Who can apply** - High school students

**Application deadline** - Respond only on expression of interest

### Victor Chang - Cardiac research institute

Work as a research assistant on a single project during your work placement. Placement can be short term, with a possibility of unpaid part time placement. Research at the institute includes cardiac physiology and transplantation, developmental and stem biology, molecular cardiology and biophysics, vascular biology, molecular, structural and computational biology

**Where** - Sydney **How to apply** - Form, cover letter, CV

**Who can apply** - High school students

**Application deadline** - varies

### Defence Work Experience Opportunities 2022 Army Familiarisation Program

Navy Overview Closes 20 February 2022 Army Familiarisation - Derwent Barracks Closes 27 February 2022 Applications close soon, so please visit below. To apply please email [nswact.workexperience@defence.gov.au](mailto:nswact.workexperience@defence.gov.au) if you have any queries.: <https://www.defence.gov.au/WorkExperience>



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## Work Experience with Services Australia:

Placements are unpaid and run for 5 days on a full time or part time basis. Full time placements run for 5 consecutive business days. .  
On your work experience placement you'll get:

- real workplace experience
  - the chance to develop a range of skills
  - to see the work we do to deliver vital services to Australians
  - to work in one of their many offices, service centres or Smart Centres across Australia a greater understanding of our agency, including the wide range of roles they have, and the public service.
- [Learn more](#)

## Engineering Virtual Work Experiences:

Engineers Australia has partnered with GradAustralia to develop a series of virtual work experience modules, exclusively for student members and to help bridge the gap between university theory and working practice for engineering students.  
Each virtual work experience is targeted at the university level, delivered 100% online, and takes between 2 to 5 hours to complete.  
8 virtual work experiences have been developed, that cover the following 7 engineering disciplines:

- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Electrical Engineering
- Environmental Engineering
- Mechanical Engineering
- Telecommunications Engineering

[Learn more](#)

## University Of Sydney - Engineering and IT:

Gain work experience in chemical and biomolecular engineering, civil engineering, aerospace, mechanical, and mechatronic engineering, electrical and information engineering, information technologies

**Where** - Sydney **How to apply** - Form

**Who can apply** - Year 10

**Application deadline** - Year round application

## Sydney Observatory:

Learn what it means to be an astronomer!

**Where** - Sydney **How to apply** - Directly

**Who can apply** - Years 11 and 12

**Application deadline** - Respond only on expression of interest

## ANU Astronomy Work Experience:

The Mount Stromlo Observatory offers work experience students who learn computing skills, attend departmental talks and find out further information about University courses that are available to them and the potential careers paths they may embark on. <https://science.anu.edu.au/study/school-enrichment-outreach/work-experience-research-school-astronomy-and-astrophysics>

## University of Sydney Institute of Marine Science:

Get an insight into what scientists do. Learn laboratory and aquarium maintenance be involved in field assistance in education programs, and participate in scientific research. You will also have the opportunity to meet with an advisor to discuss the options you have in your future!

**Where** - Sydney **How to apply** - Directly

**Who can apply** - High school students **Application deadline** - TBA

## University of New South Wales School of Civil and Environmental Engineering Work Experience Program

Experience projects in the field of civil and environmental engineering

**Where** - Sydney **How to apply** - Directly

**Who can apply** - Year 10 students

**Application deadline** - Respond only on expression of interest

## University of New South Wales School of Chemistry :

**Where** - Sydney **How to apply** - Directly

**Who can apply** - High school students

**Application deadline** - Respond only on expression of interest

## University of New South Wales Cell Biology Work Experience

Meet science researchers and discover the path that led them to where they are, the significance of research and the 'big picture' of why research is done.

**Where** - Sydney **How to apply** - Directly

**Who can apply** - High school students

**Application deadline** - respond only on expression of interest

## WORK EXPERIENCE @ SWINBURNE

In this program Year 10 students have the opportunity to:

- Search for pulsar signatures in radio observations
- Classify galaxy morphologies
- Identify strong gravitational lenses
- Search for peculiar motions in simulated galaxy mergers
- Produce visualisations of galaxies and galaxy groups
- Participate in real-time remote observations
- Attend scientific talks and group meetings
- Prepare teaching materials

Applications for the 2022 astrophysics program are open from January 2022 For further information and to apply to participate, please send your cover letter, resume and available dates to Swinburne ASTRO 3D Education and Outreach Officer [CASworkexperience@swin.edu.au](mailto:CASworkexperience@swin.edu.au)

## Taronga Zoo Work Experience Sydney

Applications close 28 February 2022, unless program reaches capacity earlier. Students will observe a variety of work being done in the fields of zoo keeping, animal care, zoo horticulture or guest services and education Undertake supervised work appropriate to the student's skill level. Ask questions about a zoo workplace. Gain skills related to being at work at the zoo. Investigate training and employment opportunities with Taronga <https://taronga.org.au/get-involved/school-work-experience/sydney>

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## **WSU - Discover Western: Subject Selection & Future Career in Engineering, Built Environment and Science.**

Monday 28 February. 5pm Audience: Year 10 students Want to know more about what Engineering, Built Environments and Sciences? Not sure what subjects to pick in Year 10? Let us support you make informed decisions and discover more about why you should study Engineering, Built Environments and Sciences at WSU. <https://www.westernsydney.edu.au/future/student-life/events/western-webinars>.

Register here: [https://wsustudents.au1.qualtrics.com/jfe/form/SV\\_71fShT6884hlvvM](https://wsustudents.au1.qualtrics.com/jfe/form/SV_71fShT6884hlvvM)

## **WSU—Discover Western: Subject Selection & Future Career in Design (Visual Communication), Industrial Design, Architecture, Building Design and Construction Management.**

Monday 28 February. 6pm Audience: Year 10 students. Want to know more about Design (Visual Communication), Industrial Design, Architecture, Building Design and Construction Management careers and degrees? Not sure what subjects to pick in Year 10? Let us support you make informed decisions and discover your future aspirations. <https://www.westernsydney.edu.au/future/student-life/events/western-webinars>.

Register here: [https://wsustudents.au1.qualtrics.com/jfe/form/SV\\_71fShT6884hlvvM](https://wsustudents.au1.qualtrics.com/jfe/form/SV_71fShT6884hlvvM)

## **WSU | Discover Western: Subject Selection & Future Career in Teaching & Education, Interpreting & Translation, Arts and International Studies:**

Tuesday 1 March 2022, 5:00 pm—Online

Want to know more about Teaching & Education, Interpreting & Translation, Arts and International Studies careers and degrees? Not sure what subjects to pick in Year 10? Let WSU support you make informed decisions and discover more about why you should study Teaching & Education, Interpreting & Translation, Arts or International Studies at Western. Find out more: <https://www.westernsydney.edu.au/future/student-life/events/western-webinars>

## **WSU | Discover Western: Subject Selection & Future Career in Business & Accounting, Law, Tourism & Urban Planning**

Tuesday 1 March 2022, 6:00 pm—Online

Want to know more about Business & Accounting, Law, Tourism & Urban Planning careers and degrees? Not sure what subjects to pick in Year 10? Let WSU support you make informed decisions and discover your future aspirations. Find out more: <https://www.westernsydney.edu.au/future/student-life/events/western-webinars>

## **Charles Sturt University Explore Day, all campuses 2022**

Port Macquarie 8 March, Bathurst 15 March, Orange 16 March, Wagga 22 March, Albury 29 March, Dubbo 30 March  
Get involved! Pick which interactive session/s interests you, book your spot and then get set for some hands-on learning that's also a whole lot of fun. Choose a spotlight session and you'll dive deeper into the topic and spend more time getting hands-on. Because they're more in-depth, spotlight sessions are for smaller groups and will run for longer. <https://study.csu.edu.au/life/events/explore-day>

## **Quantum Australia Conference and Careers Fair:**

Friday 25 February 2022, 9:00 am - 5:00 pm Online  
Hear from over 50 speakers and panelists including from Google, IBM, Microsoft, Amazon Web Services (AWS), Xanadu, Silicon Quantum Computing, Q-CTRL, QuintessenceLabs, PsiQuantum, and more. The program includes thought-provoking talks on the latest in quantum technology and applications, as well as issues and opportunities facing the rapidly expanding quantum economy. With demand for quantum expertise growing, Quantum Australia is also hosting an online careers fair exploring the many study and career opportunities on offer. The careers fair is free for students. The inaugural conference and careers fair, Quantum Australia 2022, is presented by Sydney Quantum Academy, a partnership between four world-leading universities – Macquarie University, UNSW Sydney, the University of Sydney and University of Technology Sydney – proudly supported by the NSW Government. <https://www.uts.edu.au/research/centre-quantum-software-and-information/events/quantum-australia-2022-conference-careers-fair>  
Tickets Online for Students here: <https://quantum-australia.com/quantum-australia-2022/pages/pricing>

## **UNSW #CareersUnlocked: The Great Refocus**

23 February 2022. 5.30pm

Join # CareersUnlocked: The Great Refocus event as experts, UNSW Professor Timothy O'Leary, a specialist in finding purpose through work, and UNSW alumna Rohini Laxmanlal, Senior Change Manager at Macquarie Group, dissect the work-life balance we're all seeking in a more meaningful and fulfilling career. <https://www.events.unsw.edu.au/event/careersunlocked-great-refocus>

## **Macquarie Year 12 Online Information Session:**

Tuesday 3 May 2022, 6:00 pm

A series of short talks given by university representatives and current students covering everything you need to know to prepare you for university study including important dates and early entry. <https://www.mq.edu.au/study/high-school-students/events>.

## **Macquarie Year 10 Online Subject Selection Session**

Wednesday 4 May 2022, 6:00 pm

A series of short talks on the importance of informed subject selection, how your choice of subjects can help you at university, and how admission to Macquarie works. <https://www.mq.edu.au/study/high-school-students/events>.

## **Macquarie University 2022 Campus Tours**

You can never truly know until you visit in person and get a feel for the campus. Current students will show you around. Ask questions while you walk, or for a more in-depth discussion, you can chat to your guide at the completion of the tour. The tour provides a general overview of the campus and will highlight key areas of interest. <https://page.mq.edu.au/campus-tours.html> The tour will take around 1.5 hours. <https://page.mq.edu.au/campus-tours.html>

## **Macquarie University One-on-One Consultations**

Do you have specific questions about your study options at Macquarie? Do you need assistance with exploring the courses, understanding entry criteria or wish to find out more about university life? Book a 30-minute zoom or phone consultation with one of the expert student advisors to talk through your individual circumstances and ask any questions you may have. They are here to support and provide you with the information you need to make a considered decision about your university study. Select the date and time that suits you and they'll confirm your preferred method of contact. We look forward to speaking with you. <https://page.mq.edu.au/personal-consultations-booking.html>

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## Competitions:

### RACI Chemistry and Art Competition

Chemistry is the fundamental science behind all life and matter. What are children's perceptions of chemists, the chemical sciences and industry which uses chemistry? Here is an opportunity for students to express their own ideas creatively, limited only by their own imagination!

Students are asked to create a 2D image no greater than A4 size which depicts their thoughts about chemistry, chemists or the chemical industry.

The subject of the artwork may be:

- Crystals, solutions, powders, chemical mixtures or compounds
- Laboratories or other workplaces where chemical experiments are performed
- Apparatus and equipment used in chemistry laboratories
- Factories or processing equipment used in industry associated with chemistry and chemicals such as paints, detergents and disinfectants, foodstuffs like chocolate and cheese, beverages, glass bottles and plastic containers, pharmaceutical products, fertilizers used in gardens and agriculture, etc.

Anything else related to chemistry

What can be used to create the artwork?

- Drawing with pen, Texta, charcoal, crayon, or chalk on paper, board or similar
- Painting with watercolours, oil or acrylic paints on paper, canvas or board
- Photography – digital, Polaroid or traditional

Collage, linotype or suitable medium or mixed media

Entries are open to all students from P-12, and close 1 May 2022.

Find out more: [https://www.raci.org.au/RACI/Schools/Chemistry-and-Art/Web/Schools/Chemistry\\_and\\_Art.aspx](https://www.raci.org.au/RACI/Schools/Chemistry-and-Art/Web/Schools/Chemistry_and_Art.aspx)

### Australian History Competition 2022

Not only is the Australian History Competition an opportunity to showcase that history is as important as maths, English and science, the delivery in hardcopy gets students away from screens in a fun and engaging way and helps them develop crucial skills in seeing different points of view. With a focus on testing interpretation and analysis rather than prior knowledge, the competition is accessible to year 7-10 students of all levels, giving every student the chance to excel. **Registration is open now and closes 31 March 2022.**

Find out more: <https://australianhistorycompetition.org.au/>

### What is the SAT?

Want to study at a university in the US, but not sure how to get there? For starters, you will have to register for the SAT. The SAT is one of two standardised tests you can sit in order to apply to US universities. The SAT is an entrance exam used by most colleges and universities in the US to make admissions decisions. The easiest way to apply for the SAT is to register online via the College Board website. You will need to create a free profile before registering. <https://www.crimsoneducation.org/au/blog/test-prep/how-to-register-for-SAT-internationally>

### Australian Museum Changing Climate

New to Surviving Australia is 'Changing Climate' – an interactive display that asks not how we will survive Australia, but how Australia will survive us. Learn about the causes of climate change, what life in Australia will look like in 2040 if we don't take action, and what you and I can do to make a difference. Interact with touch screens and installations to get hands-on with the science of climate change. Discover real specimens such as species threatened by climate change & bleached coral from the Great Barrier Reef Watch mini-documentaries featuring Australian Museum scientists and get the low-down on the latest discoveries. Explore the ways we can all help slow the changing of the world's climate <https://australian.museum/exhibition/climate-change-display/>

### Climate Action Youth Design Challenge

Climate change impacts every country in the world – and it's not just affecting the environment, it's impacting people's lives and destroying communities. The whole world is in a race against climate change and we want to empower you to help!

The challenge for you as young people is: Less talk, more action.

How might we create innovative solutions to tackle climate change?

The Climate Action Youth Design Challenge is a free online design thinking challenge that empowers you to consider how you can take climate action. It empowers you to identify problems, reframe them as opportunities, develop a solution and create a prototype. Within this challenge, there are three themes we encourage you to explore:

1. **Renewable and responsible energy use:** Globally, energy use is increasing at an unsustainable rate. Only 1/5th of the world's final energy consumption in 2013 was from renewable sources.
2. **Preserving our water supply:** Only 3% of the world's water is fresh (drinkable), and humans are using it faster than nature can replenish it.

**Sustainable cities:** Currently, cities contribute more than 70 per cent of global carbon emissions and over 60 per cent of resource use.

Anyone aged 10-21 years old can enter and take part in this challenge. There are some great prizes up for grabs for the winners.

**Entries close Friday 17 June 2022.**

Find out more and enter here: <https://youngchangeagents.com/challenges/climate-action-youth-design-challenge>

### Grok Academy | Cyber Live:

Wednesday 16 March 2022, 10:30 am - 12:30 pm Online

A Navy captain is held captive inside his ship. A major landmark has gone dark. And weapons are pointed at Sydney's busiest sites...

It's all connected, and it's up to students from around Australia to free the captain, track down the culprit, and stop them.

Students on this cyber adventure will need to trace clues, solve puzzles, and figure out how to stop a large scale simulated cyber attack before it's too late.

Join us on March 16th from 10:30am – 12:30pm as students around the country work together to stop these attacks. Track your schools' progress on our Cyber Threat Map and see how your school is helping protect the country.

The course will remain open until April 9 for students that cannot join during the live event.

Find out more: <https://groklearning.com/cyberlive/>