

Weekly News for South Australia

For June 20, 2022

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Open Days & Info Sessions

NIE | UCAT and Pathways into Medicine and Dentistry Information Session

Monday 20 June 2022, 7:00 pm - 9:00 pm

Online

The National Institute of Education (NIE) is proud to present the free information seminar all about UCAT and the undergraduate pathways into medicine, dentistry, and some other health science programs. This is not a sales/advertising/promotional seminar. The session is packed with invaluable information during which we will be covering the following topics and more.

This forum is an excellent opportunity for teachers, students, and parents to find out about the UCAT and to have their questions answered by an expert who has been working in the field since 1999.

- What is UCAT? UCAT scores? UCAT Sub-tests?

- The Undergraduate Selection Criteria
- Application process into universities for medicine and dentistry
- When and who can sit the UCAT
- UCAT vs GAMSAT – How is UCAT different?
- Can you prepare for the UCAT?
- Undergraduate medical school interview explained and medical school interview preparation advice
- Gap Year
- Alternative degrees and career choices
- Q & A

Find out more: https://us02web.zoom.us/webinar/register/WN_cDMmeprLSCejLrq8BdcATg

iCanMed | Free UCAT Webinar: How to Score 95th+ Percentile in Less Than 50% Of Average Prep Time

Thursday 23 June 2022, 7:30 pm - 9:00 pm

Online

Register for this free UCAT webinar to learn what you should be doing to put yourself in the best position for success in Year 12!

In this 1.5-hour webinar, we will:

- Identify the most common mistakes that cause students to waste valuable UCAT time
- Outline optimal methods for preparing for the UCAT (minimum time, maximum return)
- Sit a short mock test, followed by live step-by-step teaching of the most commonly asked questions
- Explain why most students who wait until Year 12 are highly likely to fail

Find out more: <https://www.icanmed.com.au/june-webinars/>

SCCE | Exchange Webinar

Tuesday 28 June 2022, 6:00 pm - 7:00 pm

Online

At SCCE, we understand that there is a lot to consider when going on exchange, which is why we are happy to offer these regular online information webinars to teach you all about your student exchange options. Our online sessions go for approximately 60 minutes. They will guide you through everything from you need to know about our programs. There is also time at the end of the presentation to ask questions, providing a wonderful opportunity to interact with both our staff and other future exchange students.

Find out more: <https://www.thisisscce.com/learn-more/exchange-webinars/>

University of Adelaide | Parents Information Session

Wednesday 6 July 2022, 6:30 pm - 7:30 pm

The University of Adelaide

We are pleased to present an opportunity for parents, caregivers and families of high school students to meet expert advisers from the Domestic Recruitment Team at The University of Adelaide and hear information about 2022 tertiary applications.

At our 2022 Parents Information Session you will learn about degree choices, SATAC procedures, timelines, support services, accommodation, and everything else that is involved in the lead up to life at university.

There will also be a chance for you to ask questions or discuss anything else that we might be able to help with.

Find out more: <https://www.eventbrite.com.au/e/parents-information-session-tickets-348450574047>

Flinders | Uni Life – Livestream Information Session

Thursday 7 July 2022, 2:00 pm - 2:30 pm

Online

Hear about what to expect when becoming a University student and how to tackle day to day student life.

Find out more: <https://events.flinders.edu.au/events/uni-life-livestream-information-session/>

Flinders | Nursing & Midwifery – Livestream Information Session

Tuesday 12 July 2022, 11:00 am - 11:30 am

Online

Join a current Nursing/Midwifery student to find out more about what it's like studying Nursing/Midwifery at Flinders. We will cover entry requirements, course content, placement opportunities and specialisation options.

Find out more: <https://events.flinders.edu.au/events/nursing-midwifery-livestream-information-session/>

UniSA | School Holiday Campus Tours

Magill: Wednesday 13 July 2022, 10:00 am - 11:00 am

Mawson Lakes: Thursday 14 July 2022, 10:00 am - 11:00 am

City West & City East: Wednesday 20 July 2022, 10:00 am - 11:00 am

Take a tour of our state-of-the-art facilities, chat to us about your study and career options and connect with UniSA staff in a small group tour.

We look forward to welcoming you on campus during the July School Holidays.

Find out more: <https://www.unisa.edu.au/calendar/school-holiday-campus-tours2/>

University of Adelaide | Animal and Vet Sciences Information Session

Wednesday 13 July 2022, 11:00 am - 12:30 pm & 2:00 pm - 4:00 pm

Thursday 14 July 2022, 6:00 pm - 8:00 pm

University of Adelaide, Roseworthy Campus

Want to know more about The University of Adelaide's animal and veterinary science degrees?

Sign up to find out more!

Take a tour of the unique Roseworthy campus and learn more about the degree offerings:

- Bachelor of Science (Veterinary Bioscience)
- Bachelor of Science (Animal Science)
- Bachelor of Science (Animal Behaviour)
- Bachelor of Veterinary Technology

Find out more: <https://www.eventbrite.com.au/cc/animal-and-vet-science-386569>

Tabor | 2022 Open Day

Saturday 13 August 2022, 10:00 am - 3:00 pm

Tabor, Millswood

If you're interested in a meaningful career in Teacher Education, Counselling, Music, Youth Work, Ministry we would love you to join us. You'll experience a little of what being a student at Tabor might be like for you!

Immerse yourself in Tabor's Open Day with interactive experiences, informative presentations, campus tours, and one-on-one opportunities with staff and student ambassadors. Get one-on-one academic advice from the heads of course programs. Talk with staff who can help you discuss your career options and answer any other questions you have

Find out more: <https://lp.tabor.edu.au/2022-open-day-registration>

AIE | Open Day

Sunday 14 August 2022, 10:00 am - 3:00 pm

Academy of Interactive Entertainment, Adelaide

Discover the courses designed to get you started in game development, 3D animation, film and visual effects at the AIE Open Day.

AIE's Open Day is a great opportunity to meet our teachers, staff and students. The day will cover everything you need to know about the:

- careers in games and VFX that we train students for;
- studios and industries that we work with;
- courses we offer – from beginners to professional mastery, and;

- the software, skills and knowledge we teach.

AIE's Open Day will also include presentations on entry requirements and how to apply. Find out how AIE can get you into a creative career.

Find out more: https://aie.edu.au/aie_event/open-day/

ACU | Talk with Psychologists

Wednesday 14 September 2022, 6:00 pm - 7:00 pm

Online

A career in psychology will allow you to explore the human mind and behaviours, and improve outcomes for a range of people in the community.

Join us online to hear from ACU alumni about their experiences working as psychologists. Take part in a Q&A session with our graduates and learn what it is like to provide meaningful insight and support to others, when they need it most.

Find out more: <https://www.acu.edu.au/about-acu/events/2022/september/talk-with-psychologists>

Workshops and Courses

Whitehouse Institute of Design | Illustration and Portfolio Workshop

Saturday 25 June 2022, 10:00 am - 12:00 pm

Online

This workshop is for aspiring designers as a starting point for those wishing to develop their illustration skills and build a portfolio.

This online workshop is for aspiring designers and recommended as a starting point for those wishing to develop their illustration skills and create a portfolio for application to the Bachelor of Design program. In this 2-hour workshop, you will gain an understanding of how to illustrate with Marker and Paper, experiment with different multi-media materials and learn techniques for presenting your creative ideas.

This workshop focuses on the following areas of skill development including:

- Illustration techniques
- Application of pencils, professional markers and felt-tip pens for professional rendering
- Brief analysis of trends and preparation of illustrations to compliment a Mood Board
- Exploring an individual design aesthetic
- Beginners portfolio development and learn how to present your work for application to the Bachelor of Design program.

Find out more: <https://events.humanitix.com/illustration-and-portfolio-workshop-irqh1led>

AGSA | School Holiday Workshop: Portrait Painting with Jasmine Crisp

Thursday 14 July 2022, 10:00 am - 3:00 pm

Art Gallery of South Australia

Excited to learn the ropes of portrait painting? Join South Australian painter and mural artist Jasmine Crisp to discover your own style and capture the identity of your subject in acrylic! Be inspired by the portraits showcased in the latest exhibitions *Archie 100: A Century of the Archibald Prize* and *Robert Wilson: Moving Portraits*.

This workshop is suitable for beginners, and all materials are provided. Please bring your own lunch and water.

Find out more: <https://www.agsa.sa.gov.au/whats-on/event-calendar/school-holiday-workshop-portrait-painting-with-jasmine-crisp/>

AGSA | Neo Face Time

Saturday 13 August 2022, 6:00 pm - 8:30 pm

Art Gallery of South Australia

Snapshot, sketch, filter and record the faces around you! Listen to wicked live music, stage a scene with The Studio artist Jasmine Crisp and explore the portraits showcased in Neo's SALA exhibition! Explore the latest exhibitions *Archie 100: A Century of the Archibald Prize* and *Robert Wilson: Moving Portraits*.

Find out more: <https://www.agsa.sa.gov.au/whats-on/event-calendar/neo-face-time/>

Scholarships

PEF National Secondary Scholarship

Value: \$1,500 AUD per year

Open/Closing Dates: June 22, 2022 – October 19, 2022

The Public Education Foundation's National Secondary Scholarships support two Aboriginal or Torres Strait Islander students, two refugee students and two students currently experiencing financial hardship that may prevent them from continuing their senior years of education in a public school.

[Find out more](#)

2023 Pinnacle Foundation Scholarships

Value: Up to \$8,000 AUD

Open/Closing Dates: July 1, 2022 – August 31, 2022

We provide educational scholarships, mentoring and opportunities for young LGBTIQ+ Australians to realise their full potential and overcome challenges arising from their identity.

Scholarships are awarded for fulltime study at public institutions of higher education in Australia, for the purpose of gaining an educational or vocational qualification in any profession, trade or the arts.

[Find out more](#)

Competitions

MyState Student Film Festival

The MyState Student Film Festival is back again for another year of fun, creativity and exploration.

You can enter an original short film in whatever genre you like — drama, comedy, action, documentary, animation or even a music video. The story, setting, plot and style are all completely up to you.

Entry to the MyState Student Film Festival is free and students from Kindergarten to University are eligible to submit their films and have the chance to share in thousands of prizes.

Entries close 21 October.

Find out more and enter here: <https://www.mystatefilmfestival.com.au/the-festival/festival-information/>

myfuture Careers of the Future Competition

myfuture's Careers of the Future competition is the ultimate way for teachers to engage students in career education by encouraging them to think about and share their vision for future careers.

Students from classrooms across Australia are invited to participate in this fun, creative and future-focused competition where students can choose their submission format and tell myfuture what the careers of the future will look like.

We want students to share their vision for the future with us by telling us what the future careers will look like. For example, will we see an increase in AI specialists? Are tech-orientated jobs going to dominate career searches? Will demand for social workers increase as technology improves our standard of living?

Entries can be submitted in any format, such as:

- Posters
- Artwork
- Essays
- Videos
- Interviews
- Podcasts

- Interpretive dance
- Illustrations

Our Careers of the Future competition is free and open to every classroom in Australia. Teachers submit student(s) entries via the online submission form, sharing their vision for future careers.

Competition closes Friday 22 July 5pm AEST.

Find out more: <https://myfuture.edu.au/20th-anniversary/careers-of-the-future-competition>

Anthology Magazine Short Story Competition

Writers of short fiction are invited to enter the Anthology Magazine Short Story Competition. Established to recognise and encourage creative writing and provide a platform for publication, it is open to original and previously unpublished short stories in the English language by a writer of any nationality, living anywhere in the world.

Stories submitted must be on the theme of 'Courage' and not exceed the maximum of 1,500 words. Writers can submit as many entries as they wish.

Winners will receive a €500 cash prize and the chance to see their work published in a future issue of Anthology. The winner will also receive a one year subscription to Anthology Magazine.

Entries are open until 31 August 2022.

Find out more: <https://anthology-magazine.com/awards/short-story-award/>

2022 National History Challenge

The National History Challenge is a research-based competition for students. It gives students a chance to be historians, researching world history, examining Australia's past, investigating their community or exploring their own roots.

The theme for 2022 is "Causes and Consequences".

Entrants may be students from Primary years to Year 12, 19 years of age or younger in Australian schools. **Entries close Friday 26 August.**

Find out more and enter here: <http://historychallenge.org.au/>

Wool4School Design Competition

Wool4School is an annual student design competition encouraging budding fashion designers to show the nation what they're made of.

Open to all Australian school students in high school, the Wool4School competition invites students in years 7 – 12 to design an outfit using a minimum of 70% wool. The outfit must contain a minimum of one piece with a maximum of four pieces and show the student's creative and innovative side.

This year we want you to celebrate your hero by designing them an outfit that embodies your interpretation of sustainability. Your hero's outfit must be fit for a purpose. For example, is your

hero an environmental advocate? How can they communicate their message with what they wear? We want you to be as creative and innovative as possible. Let your ideas run wild!

The competition closes 5 August 2022.

Find out more and register here: <https://www.wool4school.com/>

2022 Neo SALA Exhibition

Young artists this one's for you! This August, Neo is hosting an exhibition as part of the South Australian Living Artists (SALA) Festival.

We're looking for portraits of any medium, in celebration of our upcoming exhibitions *Archie 100: A Century of the Archibald Prize* and *Robert Wilson: Moving portraits*.

The Neo SALA exhibition will be featured online across August, and will be screened at our in person event Neo Face Time on Saturday 13 August.

Entries are open to young people aged 13-17 across South Australia. **Entries close Monday 18 July at 5pm.**

Find out more: <https://www.agsa.sa.gov.au/whats-on/2022-neo-sala-exhibition/>

Careers & Jobs

Understanding Workplace Health and Safety

Workplace Health and Safety (WHS), also known as Occupational Health and Safety (OH&S), are a series of laws and regulations.

They're in place to ensure that employers make every effort to protect you (their employee and the public) from both physical and psychosocial workplace hazards.

From slippery floors, heavy loads, unguarded machinery and hazardous substances, to workplace bullying, violence and aggression, everything is covered.

In 2012 an Australian wide model formed as the basis for health and safety laws. But there are still regional variations, so it's a good idea to have an idea about what your rights and responsibilities are within your state or territory.

What do WHS laws mean for you?

When you start at work or change jobs, these laws mean employers must provide:

- safe premises
- safe machinery and materials
- safe systems of work
- information, instruction, training and supervision
- a suitable working environment and facilities.

Your responsibilities are likely to include:

- following safe work procedures
- using any personal protective equipment (PPE) required
- not interfering with or misusing anything provided for work health and safety at the workplace
- not placing others at risk
- taking every precaution with your own health and safety
- seeking help if your health and safety or of that of a colleague is at risk
- reporting injury or illness immediately
- reporting unsafe acts or conditions
- undertaking all training required as part of the WHS

Starting a new job

When you first start work, or even if you move to a new role in the same company, you'll probably start off with an employee orientation or induction (they pretty much mean the same thing).

Orientations are a run-down of all the important things you should know about day to day business and what happens in an emergency.

It'll usually include an explanation of what the business expects from you. They'll let you know about other departments in the organisation and describe the hierarchy (who your supervisors are and anyone else you need to report to). You'll also learn more about the administrative processes you'll need to do your job well, as well as any other miscellaneous policies and rules.

You'll also cover WHS topics such as:

- hazards and risks in your workplace.
- special equipment, such as personal protective equipment, which may require additional training
- safe work practices
- work health and safety legislation
- emergency procedures e.g. exits, evacuation measures, emergency contacts
- location of the first aid station
- how and where to report injuries, unsafe conditions and acts
- your right to refuse hazardous work.

If you are going into a job that has risk associated with it, for example agriculture, transport, construction, electricity or gas services – then you're more likely to have a more in depth induction.

You'll be encouraged to ask questions at any time, so if you're unsure about what to do or how to do it safely – make sure you ask. In new jobs you'll also often have a mentor or supervisor you can check in with.

You may have an assessment after your orientation. It's just to check you've understood everything and that the training you were given was up to scratch.

Test your knowledge

[Passport to Safety](#) – short workplace health and safety courses designed for young people preparing to enter the workforce for work experience, work placement, part-time or full-time work.

[Introduction to Safety](#) – designed for young workers starting out in their first job. It aims to give a new workers an understanding of the basic health and safety issues they may face at work.

[safe@work Self assessment tests](#) – to test your knowledge of the safe@work modules. You can also earn an Award of Attainment.

Still want to read more?

For more information, including a complete list of all the WHS topics legislated for, [Safe Work Australia](#)'s webpage provides all the information you might need.

Career Stories with Careerify

Your career will be as unique as you. It will be a journey full of twists and turns and ups and downs. In Career Stories, you'll see how people have navigated their career journey so far. Some had a clear idea of where they wanted to go. And others ended up in unexpected places because they gave new things a go or changed their mind. Either way, you'll see how things have a habit of working out.

Read the stories here: <https://careerify.tas.gov.au/career-stories/>

TiE Young Entrepreneurs (TYE) Program

The TYE program is a series of structured workshops for high school students where the students learn how to come up with a good business idea and build a plan around it. Participants, in teams of 3-4 students, are mentored in teams by TiE Melbourne Charter Members, who are experienced and successful leaders and entrepreneurs. The TYE Program culminates in a formal team presentation of their idea and business plan to a panel of experienced entrepreneurs.

The goal of the TYE program is to inspire, challenge and empower high school students to become the next generation of entrepreneurs and business leaders.

The TiE Young Entrepreneurs program is aimed at school-age students from Year 8 to Year 11. The TYE Melbourne 2022 program will be delivered through a hybrid (physical + Zoom) model. During the program, students in Melbourne will physically attend the workshops at Swinburne University, Hawthorn Campus, each Saturday. After each workshop, the teams will spend time with their mentors applying their learnings to their business idea.

Interstate students will attend the same workshops online and meet their mentors via Zoom. The hybrid model allows students from across Australia to work together to develop their ideas and business acumen.

Applications for the program close 30 June.

Find out more: <https://melbourne.tie.org/programs/tie-young-entrepreneurs-tye-program/>

Increase to the Minimum Wage

Big news – the Fair Work Commission has ruled the minimum wage will increase by **5.2%**.

This means the new hourly rate (for full and part-time employees over the age of 21) will be going up to \$21.38.

What might this mean for you?

Well, currently in jobs such as aged and disability care, fast food, and supermarkets, many only offer minimum wage. This means that people will now be getting paid more for their work in these big (and vital) industries.

If you're working in one of these jobs, this means your wage will go up. Of course, this depends on whether you're currently earning the minimum wage.

The wage increase is set to begin on **July 1**.

Some other people on award wages, which includes industries such as aviation and hospitality, can expect a wage increase of 4.6%. This is set to come in on October 1.

Note that, by law, employers are required to pass these increases on to their employees. You shouldn't have to ask for a raise. If you're unsure or have any concerns, you can always contact the [Fair Work Commission](#).

What if I'm under 21?

Even though you'll still earn slightly less than the base minimum wage, you'll still be set to see an increase.

This is because the minimum wage for people under the age of 21 is based on a percentage of the base minimum wage – so if it goes up, so does your wage.

Say, for example, that your wage is 85% of the base minimum wage. Previously, this means you'd be earning around \$17.28 an hour. With the new increase to the base minimum wage, your wage will also go up to around \$18.17 an hour.

Why is the minimum wage going up?

It's kind of complex. But you've probably noticed that the price of a lot of things have been going up – fuel, groceries, etc. The increase in the minimum wage is designed to ensure people can still afford to buy basic necessities – that is, that their wage is consistent with the cost of living.

Want to know more?

You can read more about the minimum wage and how it's set by the Fair Work Commission here: <https://www.fwc.gov.au/agreements-awards/minimum-wages-and-conditions>

Further Learning

Hear from Australian VET Alumni

Apprenticeships and traineeships are Vocational Education and Training (VET) courses that combine paid work with structured training. Training focuses on knowledge, attitudes and real skills, and can be provided on-the-job, off-the-job or through a combination of both.

Apprenticeships and traineeships can be full-time or part-time.

Hear from some Australian VET Alumni as they describe their apprenticeship journey here: <https://www.yourcareer.gov.au/learn-and-train/become-an-apprentice>

Cyber Academy – starting 2023

The Cyber Academy is home to Australia's most unique, innovative educational program, and we're throwing the doors open for the first time in 2023.

The Cyber Academy is an exciting, inclusive, one-of-a-kind program co-designed by industry, education and government to fast-track students into a career in the cyber industry and boost Australia's sovereign cyber capabilities.

The Academy's three-year degree – which includes an 'earn as you learn' apprenticeship program to fast track students' cybersecurity careers – will make sure that graduates can hit the ground running, and add value quicker. The program combines blended study with employment at either a Government Department, an industry partner or Deloitte (committed to taking 10% of all program students).

All successful graduates will receive nationally recognised qualifications.

Express your interest in joining the program to find out

more: <https://www2.deloitte.com/au/en/pages/about-deloitte/articles/cyber-academy-students.html>

WHITEHOUSE Institute of Design Early Entry

WHITEHOUSE is committed to supporting students who have been presented with challenges over recent years.

In 2022, WHITEHOUSE will assess applications based on first semester Year 12 results and some examples of your creative work, for guaranteed entry into WHITEHOUSE for February/March 2023.

Current Year 12 students can apply from anywhere in Australia. WHITEHOUSE have campuses in Brisbane, Sydney and Melbourne.

Find out more: <https://whitehouse-design.edu.au/early-offer-schemes-for-year-12-students/>

Meet a Mentor – Aviation Careers Mentor Program

Meet Yvette Payne – Aircraft Maintenance Engineer

Introducing Yvette who is one of the many awesome mentors in the Program.

Born into an aviation family, Yvette (Vee), didn't work in Aircraft Maintenance Engineering (AME) until her early 20s.

Vee first enjoyed several other roles including process line operator, logistics and also worked as an explosive ordnance technician; but none sparked her passion like aviation.

After completing full-time study, she took a position as an apprentice AME, working on military helicopters and has never looked back.

"I call the Aviation Industry a "choose your own adventure" type of career, the possibilities are almost endless and the sky isn't even the limit anymore."

Vee enjoys working on aircraft and recently moved into a Quality Analyst role. This role utilises her skills and knowledge accumulated throughout her career to help make aviation safer and more efficient.

Even as a mother with a toddler, 18 months old, Vee has found the aviation industry supportive in continuing a career, she feels she is thriving and learning and describes a career in the aviation industry "one of endless opportunities".

"Never ever let anyone tell you what you are or aren't capable of."

Aviation Careers Mentor Program – only a few spaces left to take advantage of this unique offering

Designed specifically to help women of all ages and life stages access exciting career opportunities across the aviation industry now and in the future.

The mentor program aims to help define aviation career goals and then develop a plan to achieve these goals, with the guidance of a supportive industry mentor.

The program runs from 29th June to 29th September 2022, with two one-hour virtual mentor-mentee catchups each month.

This is a **FREE** program, with *limited places remaining*. **Applications close 28th June.**

Apply to join the program at; <https://empoweringwsw.com.au/events>

Be inspired, take control and map your path to an exciting aviation career!

Application Tips with Macquarie University

Learn how to maximise your applications for direct entry, early entry, and scholarships in this short video.

Lucy from Study Work Grow is joined by Tristan and Rhiannan from Macquarie University's Future Students Team, and they discuss some of the key things to think about when putting together your university applications.

Watch the video here: <https://youtu.be/njIPkPvBcFc>

Resources

Help your teenager develop their strengths

When we actively use our strengths we are likely to be happier, more engaged in our work and experience a better quality of life. Helping your teen to understand and build on their strengths will give them the tools to face challenges and create more positive outcomes for themselves.

Read the full blog from ReachOut here: <https://parents.au.reachout.com/skills-to-build/connecting-and-communicating/things-to-try-supportive-parenting/help-your-teenager-develop-their-strengths>

Vaping and Young People – Factsheet For Parents and Carers

While it's true that tobacco smoking has fallen out of favour amongst Australia's youth in recent years, they're also taking up an increasingly popular and dangerous alternative: 'vaping'. This resource was created to fill the knowledge gap around vaping and e-cigarettes, empowering parents and carers with the latest research and information to engage in meaningful conversations with their dependents about the potential harms.

View the resource

here: http://www.parentsaustralia.com/application/files/1516/2822/7228/OYO210604_LFA_Vaping_Fact_Sheet_Parents_V4K.pdf

Job Spotlight

How to become an Astronaut

Space is a growing industry. Once upon a time the only way to get into the industry was to work for the government, but now some of the world's biggest and brightest minds are focused on commercialising space. Which means more jobs and more opportunities.

Although a bulk of the opportunities are available overseas, the industry is growing fast in Australia as well. There are lots of Government and private sector roles, from technical and engineering jobs to defence, advisory roles, research, communications, and more.

About you:

- Passionate about space and innovation
- Creative and technically minded
- Physically fit and capable
- Excellent maths skills
- Great communicator
- Willing to put in hard work and time

Lifestyle Impact: High

- Part Time opportunities: Depends on the exact role.
- Average hours for full-time workers: Depends on the exact role.
- Salary (average): The sky's the limit, literally. Expect to earn a lot.
- Future career growth: Very strong (source: labourmarketinsights.gov.au).
- You will be doing work in a variety of environments, both indoors and outdoors.
- You will probably have to do a lot of travel, so be prepared to move around a lot to find the best opportunities.

How to become an Astronaut in Australia

Opportunities in Australia

Many Australian universities offer Aerospace Engineering degrees, and you can expect to study for at least 4 years. If you take a dual degree, which might increase your chances of success in job applications, you could extend your study time to 5 years plus. Consider a dual degree in maths, computer science, or even management. Many degrees will include placements and team projects to make sure you're ready for the workplace.

The Australian Defence Force also offers training programs, including degrees, for people who want to become [Aeronautical Engineers](#) or [Pilots](#). If you choose pilot you could possibly still study Engineering, before becoming a pilot.

NASA – National Aeronautics and Space Administration

NASA is the USA's space authority, and still at the forefront of the industry. They have a [list of their main occupations](#) which shows us the sorts of skills they look for. Here are the main job types:

- Science and Research
- Data Science, Cyber and IT
- Engineering
- Business Services

Note: NASA very rarely employ anyone who isn't a US citizen. Andy Thomas, the famous Australian astronaut, became a US citizen with the aim of joining their program. And because of US Government regulations, you also need to be a US citizen to work for any of the private space companies, such as SpaceX.

SpaceX say: *“To conform to U.S. Government space technology export regulations, applicant must be a U.S. citizen, lawful permanent resident of the U.S., protected individual as defined by 8 U.S.C. 1324b(a)(3), or eligible to obtain the required authorizations from the U.S. Department of State. Learn more about [ITAR here.](#)”*

But all is not lost.

It's quite possible that this won't always be the case. The industry is evolving rapidly, and [Australia's new space agency](#) may offer not only a chance to get to space, but collaboration which would allow you to work on the International Space Station, or even to work for one of the private sector companies if they begin operating in Australia.

There is already a large amount of space infrastructure in Australia, and with projects like the Square Kilometre Array coming online (it's a next gen radio telescope being built in remote Australia, and the project involves over 20 countries), it's likely that we'll see even more expansion in the sector.

If you're still at school, then you have years in which you could get a great degree and start preparing for a future in space while the industry expands. In fact, as jobs are so competitive, to even be able to apply as an astronaut to NASA you need a degree in engineering, biological science, physical science, computer science or mathematics, plus at least 3 years professional experience or 1,000 hours pilot-in-command time on a jet aircraft.

There's a great article [here from the ABC](#) on how to become an astronaut – put simply, you've got lots of time between now and when you're likely to be a candidate, and in that time the industry may look completely different to how it does right now.

Work in the private sector

There are a number of major companies doing amazing, cutting-edge work in space right now. Here are three of the biggest companies:

SpaceX

SpaceX was founded under the belief that a future where humanity is out exploring the stars is fundamentally more exciting than one where we are not. Today SpaceX is actively developing the technologies to make this possible, with the ultimate goal of enabling human life on Mars.

[Careers](#)

Blue Origin

At Blue Origin, it's our genuine passion for space exploration that makes an incredibly difficult job equally exhilarating. We're looking for people who share that passion.

[Careers](#)

Virgin Galactic

Virgin Galactic is comprised of hundreds of dedicated and passionate professionals united in creating something new and lasting: the world's first commercial spaceline.

[Careers](#)

But you don't need to move overseas. There are companies in Australia as well:

Gilmour Space

Gilmour Space is a venture-backed Australian rocket company developing new capabilities for launching small satellites to space.

[Careers](#)

Southern Launch

Southern Launch is a launch service provider, headquartered in Adelaide, South Australia. Our offering includes the Whalers Way Orbital Launch Complex, and the Koonibba Test Range, our suborbital testing facility.

[Careers](#)

Electro Optic Systems

EOS are a world leader in space information and intelligence services, optical, microwave and on-the-move satellite products, optical sensor units and remote weapon systems for the land sea and air.

[Careers](#)

What comes next?

This isn't a career path that's easy to predetermine. Basically, you have to be prepared to work ridiculously hard, make sacrifices, and do well. But as the industry expands, more opportunities will arise that don't fit into what you'd call 'astronaut work'. Space X has declared their goal is to send a cargo mission to Mars, and from there they plan on establishing a base which will need a huge array of people, including cooks, telecommunications specialists, medical staff, and miners just to name a few.

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