



Competitions

Heywire competition

This competition is open to people aged 16 – 22, to submit a story about life in regional Australia. Your story can be created in any form of media: text, video, photography, or audio. If you are selected as one of the winners, your story will be featured on ABC Local Radio, ABC Radio National, ABC TV and abc.net. For information and to enter by the 16th of September, go to www.abc.net.au/heywire

The John Button School Prize

The Prize awards the best essay on a subject concerning Australia's future by a Victorian student who is in Years 10 to 12. Essays submitted for the School Prize will discuss Australian politics or policy. It is open to Victorian students who are in Years 10 to 12 and are younger than 19 years. The winning student will receive \$2,500 and their school \$2,000. Applications close 7th of July, <https://bit.ly/2LidBim>

UNSW Bragg Student Prize 2019

The UNSW Bragg Student Prize is a science writing prize designed to complement and enrich your Science and English study. This year's theme is 'not-so-smart technology'. You are to write an essay in 800 words or less and identify a problem that is yet to be solved by contemporary science or technology. Applications are due by 27 August. For information and to apply, go to <https://bit.ly/2uFY1Xv>

Early Entry Programs

Reminder – Early Entry Programs

The following early entry programs are now open or will be opening soon:

Australian Catholic University

- Community Achievers Program. Applications close in August, <https://bit.ly/2ErcsoG>
- Passion for Business – Early Entry Program, applications are now open, <https://bit.ly/2l2Ve2j>

University of New England: Direct Early Entry program. Applications close Friday 27 September, <https://bit.ly/2JDGLYv>

La Trobe University: Aspire Early Admissions Program, applications open Friday 1 June, <https://bit.ly/2KdjGN1>



Charles Sturt University: Charles Sturt Advantage, applications open in June, <https://bit.ly/2YPbh9e>

Trinity College Young Leaders School

Trinity College at the University of Melbourne is running an intensive residential program for talented students between the ages of 14 – 17 years old during the mid-year holidays.

You can choose a one-week themed academic program. The following are programs students can choose from:

Week 1: Sunday 7 – Sunday 14 July

- Arts
- Design
- Commerce
- Leadership for Social Justice
- Science & Engineering

Week 2: Sunday 14 – Sunday 21 July

- Biomedicine
- Performing & Creative Arts
- Personal Development for Future Leaders
- Psychology

Cost is \$1990 for the week and covers the academic program, mentoring, accommodation, meals, excursions, extracurricular activities, return airport transfers (Tullamarine Airport only) and other activities arranged by the College.

Applications close 30th of May. For more information and to register, go to <http://bit.ly/2qHVL1x>

Vocational Training

If you are interested in pursuing a trade or further technical study in the future, you probably have a passion for hands-on learning, are interested in how things work, take pride in the end result of a project and have excellent communication skills.

Trades and skilled work cover occupations in industries such as building and construction, transport and logistics, hospitality, community services, automotive, metals and engineering, rural and farming, and mining and manufacturing etc. You can study at TAFE and/or university and in many areas you can complete your qualification/s through a traineeship, apprenticeship or cadetship.

Websites to explore:

Skillsone: videos about different trade occupations, www.skillsone.com.au

Australian Apprenticeships Pathways: Explore apprenticeship pathway charts and undertake practice aptitude tests, <http://bit.ly/1Vg6hFv>

Food and Fibre, www.careerharvest.com.au/

Transport and Logistics: <https://bit.ly/2X84jM1>

Bricklaying: <http://tinyurl.com/kgtyeyt>

Construction: <https://bit.ly/2HEaWAw>

Plumbing: <http://tinyurl.com/lvlef7y>

Defence Jobs: www.defencejobs.gov.au

My Skills: <http://bit.ly/1D8uek7>



The Good Careers Guide: this website features information on over 400 occupations. You can search alphabetically or via work type, <http://bit.ly/1Wcdfbf>

Do you need a White Card? If you would like to undertake work experience or work in the construction industry, you will need to complete occupational health and safety induction training.

To prepare for this, you can undertake the 'White Card Game'. Through an online first-person perspective, the goal of the game is to identify, control and report workplace hazards on a construction site. Go to www.whitecardgame.com.au/

Actuarial Science

Actuary was rated the best job of 2015 by CareerCast.com because it pays well and offers abundant opportunities for advancement.

If you are passionate about maths, business, science and want to work in a job where you can make a difference to the world through numbers, actuarial science may suit you. The following are several actuarial science courses in Victoria, Canberra and NSW

Victoria

- Monash University, <https://bit.ly/30L7nzP>
- The University of Melbourne, <https://bit.ly/2Ez1I6s>

Canberra

- Australia National University, <https://bit.ly/2Ixxw6SN>

NSW

- UNSW, <https://bit.ly/2K37ssQ>
- Macquarie University, <https://bit.ly/2X8saLF>

Information and job prospects

To learn about job prospects for Actuaries in Australia, go to <https://bit.ly/2rW384M>

To learn about how to become an actuary, go to <https://bit.ly/2Jh6JWj>



Financial Services Careers

Taken from *My Career Match*. "The Australian Financial and Insurance Services sector employs over 440,000 people and is expected to grow by 8.5% over the next 5 years. Click this link to download industry employment data - <https://bit.ly/2Q2oR4z> Careers in banking and financial services range from customer service banking and sales positions, financial advisers and analyst positions.

They typically work in commercial banks, mortgage companies, savings and loan establishments and credit unions. Government agencies and companies also require financial services professionals to manage their portfolios and statements and also to audit and regulate other institutions". For a list of career options and job prospects, go to <http://bit.ly/2r8ofCe>

Exploring rankings for undergraduate courses

Compare important data between education institutions: Choosing the education institution that is right for you is crucial. Not only will it increase your chances of completing your course, it makes good economic sense to thoroughly research your options.

The Quality Indicators of Teaching and Learning (QILT) website enables students and families to compare data between universities, private providers and TAFE institutes in course areas they are interested in taken from current students and recent graduates of the institutions. Measures include:

- Overall quality of education experience
- Teacher quality
- Learner engagement
- Access to learning resources
- Access to student support
- Experience of newly qualified graduates
- Teaching scale
- Skills scale
- Employment outcomes

To access the website, go to www.qilt.edu.au/



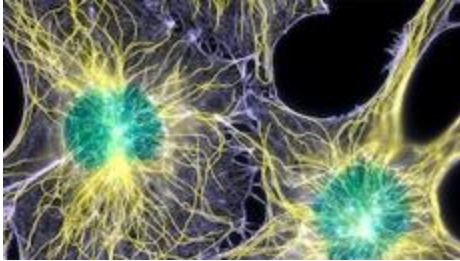
Careers in Agriculture and the Environment

The following are career articles from **The Footnotes** website: <https://bit.ly/2LBsItB>

- 15 hours in a coal mine
- 15 hours with a park ranger
- On the phone with: a meat trader
- Inside an environmental engineering office
- Certificate III in Agriculture
- Virtual tour of a veterinary hospital
- Want to study outdoor recreation and ecotourism?
- Considering a career in maritime?
- Careers in grain marketing
- How to get into veterinary nursing
- Become an oceanographer
- Take a look inside veterinary science, equine science and agriculture business at Charles Sturt University
- The truth about marine biology
- Passionate about African conservation? QnA with a conservation scientist
- Fighting marine contamination
- What is environmental biology?
- Love reptiles and amphibians? Advice from Taronga Zoo's Herpetologist
- 6 careers if you love geography

Maths, Science & Engineering Careers

Do you enjoy mathematics, science and engineering subjects at school? Have you considered pursuing a career in these areas? Mathematics, science and engineering shape our day-to-day lives.



For example:

- **Who produces your breakfast?** Farmers, food scientists and technologists, nutritionists
- **Who takes you to school?** Design & development engineers, petrochemical engineers, automotive engineers, automotive electricians, environmental scientists, mechanics, materials scientists
- **Who built your school?** Architects, surveyors, structural engineers, electricians, plumbers, carpenters
- **Who assists your learning?** Teachers, journalists, film producers, software designers, publishers, writers
- **Who helps you exercise?** Exercise scientists, physiotherapists, sports psychologists
- **Who keeps you healthy?** Doctors, nurses, pharmacists, biomedical scientists
- **Who contributes to your spare time?** Computer game developers, music technologists, product designers, sound and lighting technicians.

Exploring mathematics, science and engineering degrees

MATHEMATICS: If you are a logical and analytical person who enjoys solving problems with numbers, you may like to explore a career in mathematics, statistics and actuarial studies.

Employment for actuaries, mathematicians and statisticians is expected to grow strongly over the next three years. Go to <https://bit.ly/2VNyjLK> to find out more.



Maths, Science & Engineering Careers

SCIENCE: There are several broad disciplines in science. The following are examples-

- **Physical science** is for people who like to ask questions about why things are the way they are in the world around us. School subjects include chemistry and physics.
- **Computer science** is for people who like to understand how computers work and to learn how develop new programs and systems.
- **Life sciences** is for people who like to ask questions and think about living things and covers areas such as medicine, biology and ecology.
- **Astrophysics** is for people who are fascinated with the universe, stars and space exploration.
- **Earth science** is for people who are interested in soil, rocks, weather and the natural environment.



Thousands of new jobs for science professionals will be created over the next 5 years. Demand for health science graduates in areas such as audiology, dietetics, nursing, and podiatry will be high.

For more information about science careers, download the Careers With Science Guide - <http://bit.ly/2IL1DCI>

ENGINEERING: If you are practical, like to know how things work and enjoy analysing and solving problems using mathematics and science, you should explore careers in engineering.

For more information about engineering careers, and engineering specialisations such as civil and mechanical, download the Careers With Engineering Guide - <http://bit.ly/2IL1DCI>

To find out what type of engineering you would be suited to, take the following quiz - <http://bit.ly/1PVPOU4>



Dates for Your Diary

MAY

- **28 - 30: Inside Monash**, Monash University, various dates and sessions, <https://bit.ly/2ki2NYw>
- **28 - 30: Information Evenings**, Victoria University, various dates and sessions, <https://bit.ly/2XU317d>

JUNE

- **4 - 25: Information Evenings**, Victoria University, various dates and sessions, <https://bit.ly/2XU317d>
- **4 - 26: My Future**, The University of Melbourne, various dates and sessions, <https://bit.ly/2DNfjac>
- **4 - 25: Inside Monash Seminars**, Monash University, various dates and sessions, <https://bit.ly/2ki2NYw>
- **15: Open Day**, Endeavour College of Natural Health, Melbourne, <https://bit.ly/2kKhdON>
- **15: Study for a Day**, SAE Creative Institute, Melbourne, <https://bit.ly/2E44r7V>
- **23: Global Career Hotel Experience**, The Hotel School Melbourne, Grand Hyatt Melbourne, <https://bit.ly/2DQr6V5>
- **25, 26: Explore Day**, Charles Sturt University. Wagga Wagga (25) and Albury-Wodonga (26) campuses, <https://bit.ly/2T1AFoJ>
- **27: Animal Careers Discovery Day**, RSPCA, Melbourne, <https://bit.ly/2KGpb7a>

JULY

- **2 - 30: Meet Melbourne Uni**, Warrnambool (2), Wagga Wagga (16), Albury (17), Geelong (24), Shepparton (30), <https://bit.ly/2S7X2Zn>
- **2 - 31: Health Courses Information Sessions**, Deakin University, <https://bit.ly/2r0rbh5>
- **2, 5: Experience Day**, Australian Catholic University, Melbourne (2), Ballarat (5), <https://bit.ly/2UIoH4P>
- **2, 4: DeakInspire**, Deakin University, Geelong Waurn Ponds (2), Burwood (4), <https://bit.ly/2Eal29c>
- **3, 5: Experience Clever**, La Trobe University, Bendigo (3), Melbourne (5), <https://bit.ly/2Jrjl8f>
- **4 - 5: MAJOR HACK 2019**, The University of Melbourne, current Year 11 & 12 students, Parkville, <https://bit.ly/2LrwuQ>