

## **CAREER NEWSLETTER**

**Week 6 - Term 2, 2019.**

---

### **FOCUS ON CAREER EVENTS**

The mid-year holidays are the perfect time to explore your future career, course and pathway options. Whilst open days provide a fantastic opportunity to explore your options at TAFE institutes and universities, it can be difficult to dedicate time during weekends in July, August and September if you have sport, work and/or study.

Exploring your options during the mid-year break may also provide motivation for students heading into semester two study. For year 12 students, it is important to develop your preference list for TAFE and/or university courses.

You may like to develop a list of events you are interested in and mark the dates on a calendar. Most events will require you to RSVP your place and popular events will fill quickly. Parents, guardians and family members are also able to attend some events. The list below is not exhaustive so look out for additional events in future newsletters and please also do your own research in your particular area of interest.

You may like to make a time to speak to your Career Adviser after the events you attend to get assistance with further developing your career action plan.

#### **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 (example events)**

- 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 Waurm Ponds (2), Burwood (4), <https://bit.ly/2Eal29c>
- 3, 5: Experience Clever, La Trobe University, Bendigo (3), Melbourne (5), <https://bit.ly/2JrjI8f>

- 4 – 5: MAJOR HACK 2019, The University of Melbourne, current Year 11 & 12 students, Parkville, <https://bit.ly/2LrwunQ>
- 6 – 13: Victorian Indigenous Engineering Winter School, <https://bit.ly/2tr0VPa>
- 9 – 13: Experience Monash Indigenous Winter Camp, <https://bit.ly/2J2czt0>
- 11: Inside Monash Seminars, Monash University, Science careers & industry engagement, <https://bit.ly/2ki2NYw>
- 23 – 31: Health Science Courses – Information Sessions, Deakin University, <https://bit.ly/2qHNIHe>

## CONTENTS

### Vocational and Higher Education News

- [IT Degree through TAFE](#)
- [Careers in Agriculture and the Environment](#)
- [UOW College pathway to University](#)
- [Trades and Vocational Training](#)
- [Heywire competition](#)
- [UNSW Bragg Student Prize 2019](#)
- [Reminder – Early Entry Programs](#)
- [Actuarial Science](#)
- [Financial Services Careers](#)
- [Maths, Science & Engineering Careers](#)

## VOCATIONAL AND HIGHER EDUCATION NEWS

### IT Degree through TAFE

Secure the future with a TAFE NSW Bachelor of IT Degree (Network Security) With unprecedented demand for professionals who can secure and monitor IT systems and protect the privacy of people and organisations, this degree prepares your students to work in a fast-growing and dynamic field. More info [www.tafensw.edu.au/degrees/bachelor-of-information-technology-network-security](http://www.tafensw.edu.au/degrees/bachelor-of-information-technology-network-security)

[BACK TO CONTENTS](#)

### Careers in Agriculture and the Environment

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

- 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

[BACK TO CONTENTS](#)

## UOW College pathway to University

UOW College Australia now accepting applications for 2020 UOW College provides pathways to the University of Wollongong. We offer uni preparation courses to support students and progress to university studies. We also provide VET courses for students seeking work-ready qualifications in Nursing or Fitness. These can also be used for a direct pathway to a bachelor level study. Find out more at [www.uowcollege.edu.au/](http://www.uowcollege.edu.au/) or email [madeling@uow.edu.au](mailto:madeling@uow.edu.au)

[BACK TO CONTENTS](#)

## Trades and 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](http://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/](http://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](http://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/1Wcdrfb>

**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/](http://www.whitecardgame.com.au/)

[BACK TO CONTENTS](#)

## 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 16 September, go to [www.abc.net.au/heywire](http://www.abc.net.au/heywire)

[BACK TO CONTENTS](#)

## 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>

[BACK TO CONTENTS](#)

## 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/2I2Ve2j>
- **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>  
[BACK TO CONTENTS](#)

## 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/2Ixx6SN>

### 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>

[BACK TO CONTENTS](#)

## 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>

[BACK TO CONTENTS](#)

## 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.

**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 to 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>

[BACK TO CONTENTS](#)