**CAREER & COURSES NEWS No.4 4th April 2019**

For more information on any bulletin item, please see John Frawley / Toni Dimitropoulos in the Careers Office

**Applying for Medicine, Dentistry or Oral Health?**

If you are in Year 12 and plan to apply for any of these health science courses to start in 2020, you may need to sit the University Clinical Aptitude Test (UCAT).

The UCAT is a two-hour, computer-based test which assesses a range of mental abilities identified by universities as important to practicing in the fields of medicine and dentistry.

It consists of five separately timed subtests which each contain a number of questions in a multiple-choice format.

You will sit the test in July 2019 and selected universities use your UCAT results as part of the selection process, in conjunction with your ATAR and HSC/VCE results, and in some cases an interview.

You will only have one chance to sit the UCAT this year and you will need to register for a Pearsons VUE online account by the 16th of May and book the test by the 17th of May. Applications are now open and It will cost you around $298 to sit the test. You will be able to receive your results straight away.

You have the choice to start preparing for the test early. There are several private companies who offer commercial preparation programs – [www.nie.edu.au/](http://www.nie.edu.au/) and [www.medentry.edu.au/](http://www.medentry.edu.au/) are examples.

It is important to note that the universities who use the UCAT **do not endorse any of these companies** and you can access free preparation materials from the UCAT site at <https://bit.ly/2tjIewA>

Please go to <https://www.ucat.edu.au/> for more information about the UCAT.

**Australian National University**

**Australia National University (ANU) – applications now open:** Current Year 12 students planning to study at ANU in 2020 are now able tocomplete their application for courses, scholarships and accommodation. Applications close 31May 2019. For information on the admissions process and key dates, go to<https://bit.ly/2TrDGD9>

**Virtual Tour through Learning Spaces at ANU**

Students considering studying **science at ANU** might like to take a ***virtual tour*** through the learning spaces – lecture theatres, laboratories, and other learning facilities. **Visit** [**Science Tour at ANU**](http://science.anu.edu.au/tour/express-essentials/index.php?mc_cid=865f4fe95a&mc_eid=a16c5032e5)

**Australian Catholic University (ACU)**

**Business:** Confused about what major to pursue in your future business degree? From 2020, first-year business students will complete four foundation units in semester 1 to assist them in deciding what major to pursue. From semester 2, you will be able to start in-depth study of your specialised area of interest. To explore business courses, go to <https://bit.ly/2WyrH4C>

**Arts:** From 2020, students will be able to fast-track their Bachelor of Arts degree from 3-years to 2.5 years by studying units during the summer and winter professional terms – either at the home campus or at an overseas university (e.g. Rome, Venice, New York), <https://bit.ly/2I6ZePE>

**Box Hill TAFE**

 **Bachelor of Biosecurity Science***Combine your interests in Agriculture, Animals and Plants with Science in a rewarding and practical career in Biosecurity.* Become equipped with the knowledge to:

* Protect our farms, livestock and crops from pests and disease
* Help prevent the invasion of weeds and feral animals in the natural environment
* Protect people and the community from animal diseases that can affect humans

Box Hill Institute offers the only dedicated undergraduate biosecurity course in Australia and it is run in association with Box Hill Institute’s [Biosecurity Centre of Excellence](http://www.boxhill.edu.au/partnerships/centres-of-excellence/biosecurity/).

The VCE prerequisites are: Units 3 and 4: a study score of at least 20 in any English; and a study score of at least 20 in any Mathematics.

**Find out more about the specialised subjects on offer, and more about the course in general at** [**Bachelor of Biosecurity Science**](http://www.boxhill.edu.au/courses/bachelor-of-biosecurity-science-bbs01-he/)**.**

**Melbourne Polytechnic**

 **Snapshot of Melbourne Polytechnic in 2019**

* Melbourne Polytechnic has been delivering vocational training since 1912 and today offers a diverse range of innovative, hands-on TAFE (VET) and Higher Education (Degree) programs
* In October 2014, the Northern Melbourne Institute of TAFE (NMIT) changed its name to Melbourne Polytechnic
* There are hundreds of [courses](https://www.melbournepolytechnic.edu.au/courses/search) to pick and choose from at Melbourne Polytechnic including pre-apprenticeships, apprenticeships and traineeships, and short courses too
* Melbourne Polytechnic offers students a range of [services](https://www.melbournepolytechnic.edu.au/services), facilities and learning resources across its campuses. There are six libraries, as well as learning services, conference facilities, restaurants and much more
* Melbourne Polytechnic has a range of [campuses](https://www.melbournepolytechnic.edu.au/campuses) including a new [Course and Advice Centre](https://www.melbournepolytechnic.edu.au/campuses/skills-and-jobs-centre-doncaster) which has opened at Westfield Doncaster
* Melbourne Polytechnic also participates in the [Free TAFE](https://www.melbournepolytechnic.edu.au/fees/fees-for-local-students/free-tafe-for-priority-courses/) for Priority courses
* A number of [scholarships](https://www.melbournepolytechnic.edu.au/scholarships) are available to a range of students, and they differ from semester to semester and year to year so students are encouraged to keep an eye on what may be available to them.

**Monash University**

**Experience a Day in the Life of a Monash MNHS Student**

Students wanting to know what it is like to study ***medicine, biomedical science or nursing*** at Monash University are encouraged to watch a few videos which are hosted by current students, takes viewers inside their lectures, placements, and favourite places on campus to show what a typical day looks like.   
**Watch four short YouTube videos at a** [**Day in My Life**](https://www.youtube.com/playlist?list=PL3C_6vEl3O5QyL5tTrXY9lFME-Arzddkh)

**Global Immersion Guarantee (GIG)**

The ***Monash Arts Global Immersion Guarantee (GIG)*** is a ground-breaking *new* initiative – a guaranteed two-week overseas study experience for all first year [**Bachelor of Arts**](https://www.monash.edu/study/courses/find-a-course/2019/arts-a2000?domestic=true) and [**Bachelor of Global Studies**](https://www.monash.edu/study/courses/find-a-course/2019/global-studies-a2001?domestic=true) students who have successfully completed one semester (24 credit points or equivalent) of their Bachelor of Arts or Bachelor of Global Studies single or double degree, and are in good academic standing. The cost of airfares, accommodation and local travel are covered as part of the program. Students will only have to pay for food and any other living costs whilst away.

Over the two weeks, students will study the impact of the global movement of people and goods on environmental sustainability; in either Prato (Italy), Monash Malaysia, or Indonesia, and students will earn credit for 12 credit points towards their degree.

**Find out more at** [**Global Immersion Guarantee (GIG)**](https://arts.monash.edu/global-immersion-guarantee?_ga=2.221183505.84721470.1552184492-988825302.1516089491)

**IT students** will enjoy brand new state-of-the-art facilities on the Clayton campus from 2020, with the Technology Education Building now under construction. Learn about IT courses at Monash here, <https://bit.ly/2Oa6zi0>

***New* Courses in Applied Science**

*If your students are interested in mastering big data and helping others to understand it, this is the course for them.*  
This program of study will provide students with the skills necessary to apply solutions to a wide range of industry-based and research issues.

There is the –

* Bachelor of Applied Data Science – 3-year degree
* Bachelor of Applied Data Science Advanced (Honours) – 4-year degree

**Browse** [**Data Science courses**](https://issuu.com/monashscience/docs/19p-0074_data_science_brochure_web?e=29587452/67857412) **to find out more.**

**RMIT University**

**Bachelor of Design (Communication Design) at RMIT***Communication Design applies to the shaping of communication across all aspects of contemporary society, from commercial, entertainment, and education, to environmental, cultural, and civic sectors.*

Students considering studying the [**Bachelor of Design (Communication Design)**](https://www.rmit.edu.au/study-with-us/levels-of-study/undergraduate-study/bachelor-degrees/bp115) at RMIT University will find that this course prepares them to be a *locally and internationally aware communication designer capable of working across a range of domains and industries, including graphic design, advertising, branding and illustration consultancies, as well as design and communication units within corporate, government and non-government organisations.*

**Snapshot of RMIT University in 2019**

* One of Australia’s original educational institutions founded in 1887, RMIT University now has more almost 83,000 students, including more than 12,000 at postgraduate level
* Based on the [QS World Rankings by Subject](https://www.topuniversities.com/subject-rankings/2018) RMIT ranks # 1 in Australia and #11 worldwide in Art & Design, and #6 in Australia in Business Studies, and Computer Science, and #8 for Accounting and Finance, and ranked in the top 250 universities in the world - [Top Universities](https://www.topuniversities.com/universities/rmit-university)
* RMIT provides you with a range of education options, from an apprenticeship, traineeship or certificate, to an associate or bachelor degree, or a postgraduate degree by coursework or research - [RMIT - Levels of Study](https://www.rmit.edu.au/study-with-us/levels-of-study/)
* RMIT is regarded as a world leader in Art and Design; Architecture and the Built Environment; Engineering; Computer Science; and Business and Management Studies.
* RMIT has a reputation for delivering innovative academic programs within stunning modern and historic buildings located in Melbourne’s CBD. The recent Academic Street project has transformed the heart of the RMIT City campus creating laneways, gardens, new student spaces and better library facilities.
* RMIT University offers programs of study in 23 schools across three academic colleges - [RMIT - Academic Colleges](http://www.rmit.edu.au/about/our-education/academic-colleges/)
* Students are encouraged to browse the [ATAR Course Finder](https://atarcoursefinder.rmit.edu.au/) to discover the right degree for them at RMIT
* RMIT has three Melbourne campuses, made up of vibrant student communities, modern learning and teaching facilities and open and informal social spaces - [RMIT Campuses](http://www.rmit.edu.au/about/our-locations-and-facilities/locations)
* RMIT engagement with industry has always been central to RMIT’s mission, and industry and enterprise is at the heart of every RMIT program - [RMIT and Industry](https://www.rmit.edu.au/industry/)
* [Work Integrated Learning (WIL) at RMIT](https://www.rmit.edu.au/students/student-essentials/work-integrated-learning) makes up a significant component of a student’s program, whereby they use their academic learning in a ‘real life’ situation with a real industry or community partner
* [RMIT Activator](http://enterprise.rmit.edu.au/) is a unique experience designed by RMIT to connect students, staff and alumni to a network of transformative experiences all designed to help students, staff and alumni learn enterprise skills, innovate alongside industry and innovation experts and launch new businesses
* RMIT has a strong pathway program to courses providing students an opportunity to transfer from one RMIT program to another - [RMIT and Recognised Pathway Courses](https://www.rmit.edu.au/study-with-us/applying-to-rmit/local-student-applications/pathways/recognised-pathways/) and [Student Experience](https://www.rmit.edu.au/life-at-rmit/study-experience)
* RMIT offers students a world of [global opportunities](https://www.rmit.edu.au/life-at-rmit/study-experience/global-opportunities) and adventure through exchange and study abroad opportunities. Students get to expand their horizons: immerse themselves in a different culture and experience the world through the eyes of others.
* Information about student accommodation options for Melbourne City campus students and visitors can be found at [RMIT Student Accommodation](https://www.rmit.edu.au/about/our-locations-and-facilities/locations/melbourne-city-campus/accommodation/)
* RMIT makes sure its support services and networks help students to succeed at university and stay healthy and happy - [RMIT Support Services](https://www.rmit.edu.au/life-at-rmit/support-for-students). [RMIT Connect](https://www.rmit.edu.au/students/contact-and-help/connect) is a great platform for students to access these student services and support
* **A *new* Bachelor of Engineering (Honours) and Bachelor of Business (Digital Business) will be available for 2020 entry**

**Swinburne University**

**The High Achievers Program at Swinburne**

Swinburne University recognises that high-performing students need the opportunity to develop, extend and be challenged to excel in their field of interest.

The **High Achievers Program** recognises students who demonstrate exceptional potential to benefit from access to research and industry projects.

More than just a scholarship, the High Achievers Program offers a university experience unlike any other. Students build invaluable skills, peer networks and the confidence in knowing they have what it takes to land a job in their field.

Being part of the High Achievers Program means having access to the following:

* an academic development adviser to assist in tailoring your Swinburne study experience to your goals
* like-minded peers to share insights and networking opportunities.
* leadership workshops
* research or industry projects
* academic or industry mentoring
* a guaranteed place in a study tour related to their degree

Students will also have the opportunity to apply to become part of [Swinburne's Student Ambassador Program](http://www.swinburne.edu.au/2017/ambassador/), representing Swinburne at key events.

The High Achievers Program is open to both Australian and international students and entry is based on the following criteria:

* minimum ATAR of 95.00 or equivalent
* students must have completed Year 12 or equivalent in the year prior to commencement
* students must meet all course prerequisites

Students who received a [Vice–Chancellor’s Excellence Scholarship](https://www.swinburne.edu.au/study/options/scholarships/29/vice-chancellors-excellence-scholarships/) will automatically be considered for entry to the High Achievers Program.

**Find out more about this program at** [**High Achievers Program**](http://www.swinburne.edu.au/study/courses/other-programs/high-achievers/)

**Course Updates**

In 2020 a number of *new major studies* will be offered, as well as a *new* bachelor degree. The Bachelor of Arts will offer *Global Studies* and *Indigenous Studies*; the Bachelor of Health Science will offer *Digital Health and Informatics* and *Health Promotion*; *Sports Media* will be offered in the Diploma of Screen and Media, and a *new* degree being offered will be the *Bachelor of Criminal Justice and Criminology*.   
**Further details of these new offerings will be published in later newsletters, so watch this space!**

**William Angliss**

**Interested in event management, tourism, travel, hospitality, or cookery?** How about flight operations, patisserie, baking, meat processing, food studies, culinary management, or hotel management? Not sure where a career in these study areas can take you? William Angliss is a specialist institute in Melbourne offering vocational and higher education courses. You can book a 1:1 appointment with a course adviser by filling out an online form at this link - <https://bit.ly/2TBnlvZ>

**Private Providers**

**Macleay College**

**Interested in business, events, advertising or digital media?** How about journalism, public relations or sports business? Not sure where a career in these study areas can take you? Macleay College is a private institute in Melbourne offering vocational and higher education courses in the above areas. You can book a 1:1 appointment with a course adviser from the following faculties:

* Advertising & Media
* Journalism
* Business and Marketing

For information and to book your ‘coffee and chat’ appointment, go to <https://bit.ly/2UyutGG>

**Natural Health Courses**

**Endeavour College of Natural Health**

Have you considered natural health? The following two private colleges are located in the Melbourne area:

* Courses: Acupuncture, Myotherapy, Naturopathy, Nutritional and Dietetic Medicine, and Complementary Medicine, [www.endeavour.edu.au](http://www.endeavour.edu.au)
* Career profiles of graduates, <https://bit.ly/2fJpe6O>

**Southern School of Natural Therapies**

* Courses: Health Sciences, Naturopathy, Nutritional Medicine, Western Herbal Medicine, Chinese Medicine, Clinical Myotherapy, [www.ssnt.edu.au](http://www.ssnt.edu.au)
* Wellbeing Centre: open to the public, <https://bit.ly/2Y0Mu2s>

**Hotel Management**

**The Hotel School Melbourne** offers higher education courses in Hotel Management and International Tourism & Hotel Management. Prospective students have the opportunity to experience life as a Hotel student on Wednesday 10 April, from 12pm – 1.30pm.

Students will learn about courses at the institute, careers in hotel and tourism management, hear from graduates, and meet business leaders from the Hotel Management industry. For information and to register your place, go to <https://bit.ly/2O8uqP9>

You may like also like to explore hotel management courses at the following institutes:

* **William Angliss**, Melbourne - [www.angliss.edu.au](http://www.angliss.edu.au)
* **Blue Mountains International Hotel Management School**, [www.bluemountains.edu.au](http://www.bluemountains.edu.au)

**Interstate and Overseas Universities**

**Are you interested in learning about universities from around the world?** Crimson Education has developed a YouTube channel that profiles global universities. You can access the channel at <https://bit.ly/2qcWRiX>

 **Guaranteed Entry at UNSW**

*Simply put,****Guaranteed Entry*** *allows us to tell you today what selection rank (ATAR + Adjustment factors) will guarantee you a place in a particular degree here at UNSW.*

The **University of New South Wales (UNSW)** introduced a ***Guaranteed Entry*** in 2016.

Offers to UNSW are made based on the ATAR plus any eligible Adjustment factors, and with the Guaranteed Entry, UNSW provides clarity by publishing the Guaranteed Selection Rank that assures students entry to UNSW in a particular degree.

**Browse** [**Guaranteed Entry at UNSW**](https://www.futurestudents.unsw.edu.au/guaranteed-entry#ge-widget) **to find out more.**

** European Double Degrees**As part of the [Bachelor of Engineering (Honours)/Master of Engineering program](https://future-students.uq.edu.au/study/program/Bachelor-of-Engineering-Honours-and-Master-of-Engineering-2350), students are now offered the exciting opportunity to study overseas with one of UQ’s premier European partners. Selected students will spend at least three semesters studying in either *Germany, France,* or *Sweden*. Students will gain an invaluable global perspective, international industry experience, and will graduate with two master degrees - one from the partner university and one from The University of Queensland.

**Discover more at** [**European Double Degrees**](https://support.future-students.uq.edu.au/rd?1=AvNE~wo0Dv8S~xb~Gv94~yK9WeUqgWH7_zawMT7~Pv95&2=18425)

** Universities in Western Australia**

There are *five* universities in Western Australia, one of which – the University of Western Australia – is a member of the Group of Eight universities.

1. **Curtin University**

***Curtin University*** is a large multi-cultural university. It has a strong commitment to international engagement with Australia's third largest international student population. It maintains campuses in Malaysia and Singapore while also conducting face-to-face teaching in a number of countries. This cultural diversity adds a rich and valuable dimension to its campus atmosphere and also prepares the graduates to live and work in an increasingly global environment.

Curtin is also fundamentally committed to providing regional education within Western Australia through a number of campuses and education centres spread across the state, but also has a campus in Sydney where it offers a range of business courses. Curtin University recently introduced undergraduate medicine.  
**Visit** [**Curtin University**](http://www.curtin.edu.au/) **to find out more.**

1. **Edith Cowan University (ECU)**

Established in 1991, ***Edith Cowan University (ECU)*** is a large multi-campus institution serving communities in Western Australia and a significant cohort of international students. ECU is considered a pioneer in the development of alternative entry pathways to higher education, helping Western Australians reach their potential.   
**Visit** [**Edith Cowan University (ECU)**](http://www.ecu.edu.au/) **to find out more.**

1. **Murdoch University**

**Murdoch University** has more than 18,000 students and 1,400 staff with a desire to discover, use their imaginations and ultimately make a difference. There are over 200 undergraduate degrees and postgraduate courses offered across a range of disciplines, including *Veterinary Science, Law, Education, Psychology, Business, Security Terrorism and Counterterrorism* and *Nursing*. The university is recognised for excellent teaching, ground-breaking research and high student satisfaction rating.   
**Find out more at** [**Murdoch University**](http://www.murdoch.edu.au/)**.**

1. **University of Western Australia (UWA)**

The ***University of Western Australia (UWA)*** has very high quality undergraduates and this is underpinned by the fact that the proportion of UWA graduates accepted into full-time employment within five months of completing their course is the highest of all Western Australian universities and among the highest in Australia. UWA offers graduate Medicine. **Visit** [**University of Western Australia (UWA)**](http://www.uwa.edu.au/) **to find out more.**

1. **University of Notre Dame Australia (UNDA)**

The ***University of Notre Dame Australia (UNDA)*** was founded through an Act of the Parliament of Western Australia in December 1989, and now has over 7000 students enrolled on its three campuses in Fremantle, Sydney and Broome. UNDA offers graduate medicine, and it is offered at both the Fremantle and Sydney campuses. **Visit** [**University of Notre Dame Australia (UNDA)**](http://www.nd.edu.au/) **to find out more.**

**Trades**

**Have you considered a career in construction (not just carpentry!):** There are many occupations within the construction industry. Everything from drain laying to floor finishing to cartography (mapping) to surveying. Look outside the square from electrical, plumbing and carpentry to ensure you are assessing all of your options. To explore occupations, watch videos, read profiles of people working in constructions, and learn about initiatives, go to <https://bit.ly/1zCKBUG>

**Australian Apprenticeships and Traineeships Information Service:** Join this Facebook page to read about the stories and achievements of young Australian’s who have found career success through their traineeship or apprenticeship- <https://bit.ly/2HfAmFB>

**Electrical Careers**

**Considering an electrical apprenticeship?** The National Electrical and Communications Association (NECA) provide a national pre-selection test for young people interested in applying for electrical apprenticeships. The test measures literacy, numeracy and comprehension. For more information on test dates/ locations, please go to <https://bit.ly/2W3UCNF>

**Bricklaying Careers**

**Have you considered bricklaying as a career?** Bricklayers lay clay bricks and concrete blocks using mortar. They are masters of their profession and create beautiful brick and blockwork in domestic homes and commercial buildings working to specific plans and as part of a team. The work of bricklayers can be seen all around you. There is a shortage of qualified builders in Australia. For information about this exciting industry, go to [www.becomeabricklayer.com.au/](http://www.becomeabricklayer.com.au/)

**Defence Forces**

**Applications are now open:** Current Year 12 students can apply for a 12-month position in the Air Force, Army or the Navy to begin in 2020.To explore the positions available and to apply, go to <https://bit.ly/2uW1hzI>

**The following roles are on offer and some close soon:**

**Navy**

* Electronics Engineer
* Electronics Engineer Submariner
* Helicopter Pilot
* Marine Engineer
* Marine Engineer Submariner
* Maritime Aviation Warfare Officer
* Maritime Logistics Officer
* Maritime Warfare Officer
* Maritime Warfare Officer Submariner
* Training and Development Coordinator
* Sailor

**Army**

 Air Defence Operator

* Artillery Operator
* Combat Engineer
* Warehouse Assistant
* Administration Assistant
* Officer
* Driver
* Infantry Soldier

**Air Force**

* Airbase Protection and Security
* Administration Assistant
* Airfield Defence Guard
* Aviation Support Technician
* Cabin Crew (Flight Attendant)
* Warehouse Store person

**** [**Defence University Sponsorship**](https://www.defencejobs.gov.au/students-and-education/defence-university-sponsorship) **(DUS)**

* [What is DUS](https://www.defencejobs.gov.au/students-and-education/defence-university-sponsorship/what-is-dus)
* [Commitment](https://www.defencejobs.gov.au/students-and-education/defence-university-sponsorship/commitment)
* [How to Apply](https://www.defencejobs.gov.au/students-and-education/defence-university-sponsorship/how-to-apply)
* [Job Search](https://www.defencejobs.gov.au/students-and-education/defence-university-sponsorship/jobs)
* [Courses](https://www.defencejobs.gov.au/students-and-education/defence-university-sponsorship/courses)
* [FAQs](https://www.defencejobs.gov.au/students-and-education/defence-university-sponsorship/faqs)

*Whilst studying for a job-relevant degree at your choice of accredited university, join the Australian Defence Force (ADF), have your fees paid for, earn a salary while you complete your degree, and walk straight into a great ADF role following graduation.*

Being awarded a ***Defence University Scholarship (DUS)*** means that a student can apply for a role in the Navy, Army or Air Force while still studying for a degree at any accredited university in Australia; join their chosen Service, then concentrate on their studies, while enjoying a salary and many other benefits.  
In return for being paid to complete their degree course and having the rest of their fees covered, students will be expected to serve in the Navy, Army or Air Force. Typically, DUS recipients will be required to:

* complete one to four weeks of training each year during university holidays, and
* once they have graduated, DUS recipients will need to commit to full-time service for the number of years of university sponsorship plus one year (with a minimum of three years' service). So, if were sponsored for a 3-year degree, will owe 4-years of service.

**For more information regarding the application process, the courses that qualify for sponsorship, and the roles university sponsorship can lead to, visit** [**Defence University Sponsorship (DUS)**](https://www.defencejobs.gov.au/students-and-education/defence-university-sponsorship/)

**Police Force**

**Careers with the Victoria Police:** Victoria Police provides policing services to the state’s community 24 hours a day, seven days a week, working to keep over six million people safe. They are currently in the midst of their biggest recruitment drive ever, looking to recruit over 3,000 new Police Officers, as well as additional Protective Services Officers and Police Custody Officers by 2021.    
  
In addition to policing roles, Victorian Public Servants work across more than 500 locations in Victoria, playing supporting roles in specialist professions such as IT, law, communications, recruitment, forensic science and many more.   
Year 12 students may be interested in starting their application at the end of the year. As a Victoria Police Officer, employees will have access to great benefits, including generous leave entitlements and ongoing training throughout their career.

**Websites to explore**

* Victoria Police Careers, [www.police.vic.gov.au/careers](http://www.police.vic.gov.au/careers)
* Recruits TV Series, <http://bit.ly/2EdpKpF>

**Careers with the Australian Federal Police**: A career with the AFP can lead to working with the community, across the country or around the globe.

Whether in a non-policing support role, investigating transnational crime, combatting terrorism and people smuggling, investigating crimes against the ACT community and patrolling its city and suburban streets, providing high visibility protection to commonwealth infrastructure sites and establishments, or heading overseas to liaison posts or capacity building missions, you'll be on the frontline, contributing to keeping the Australian community safe.

There are three main employment pathways:

* Entry Level Sworn Recruit
* Lateral Police Recruit
* Professional (Non-Policing) Role

For information on entry requirements, careers, and the recruitment process, go to [www.afp.gov.au/careers](http://www.afp.gov.au/careers)

**WORK EXPERIENCE**

**Work Experience at the Australian Defence Force:** The Defence Force provides work experience opportunities across Australia. To search for upcoming work experience placements and to bookmark the page, go to <http://bit.ly/1MGymwI> You can learn about jobs in the Army, Navy and Air Force via the Defence Jobs YouTube Channel, <http://bit.ly/1QoBraH>

**Work Experience Directory:** This is a website that enables you to search for work experience opportunities in NSW and Victoria and is for secondary school students, <http://bit.ly/2BoMb8A>

**REMEMBER: Yr.10 students should have their work experience placement organised and the forms submitted to their Humanities teacher. Dates: 1st Week Term 3. 15 – 19 July.**

**Scholarships**

**The University of Melbourne – George Hansen Scholarship:** If you are planning to study at The University of Melbourne in 2020, you should consider applying for the prestigious George Hansen Scholarship. Stage 1 applications are now open and close on the 21st of March, <https://bit.ly/2IB4IDC>

**Australia National University (ANU) – Tuckwell Scholarship:** If you are planning to study at ANU in 2020, you should consider applying for the prestigious Tuckwell Scholarship. Stage 1 applications are now open and close on the 28th of March, <https://bit.ly/2Sja5r7>

**Career Profiles & Information**

**Interested in sports physiotherapy?**

Have you considered clinical exercise physiology as being a more suitable pathway than physiotherapy?

“Where physiotherapists assist people with movement disorders using techniques to assist muscles and joints to move to their full potential, clinical exercise physiologists use exercise to prevent and rehabilitate disease and injury in the community”.

Students will study an Exercise and Sport Science Australia (ESSA) accredited undergraduate exercise science degree followed by graduate studies in exercise physiology. The following are examples of courses at Victorian universities:

* Deakin University,<https://bit.ly/2TPWDQ3>
* Australian Catholic University, <https://bit.ly/2CiUimH>
* Victoria University, <https://bit.ly/2Q1iwXx>
* La Trobe University, <https://bit.ly/2wnnpoq>
* Federation University, <https://bit.ly/2Y12H7S>

**Prefer Physiotherapy?**

You can research physiotherapy courses at the following universities:

* La Trobe University, <https://bit.ly/2LFOsz6>
* Australian Catholic University, <https://bit.ly/2HdYV58>
* The University of Melbourne, <https://bit.ly/2Tr3GhV>
* Monash University, <https://bit.ly/2Qo3TSs>
* Charles Sturt University, <https://bit.ly/2OaaGux>

**Careers in Medicine & Dentistry**

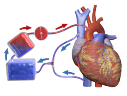
* How to become a dentist
* How to become a doctor
* The graduate tour: cosmetic surgeon
* Should you study medical science?
* What is medicinal chemistry?
* What’s it like being a doctor? QnA with a resident
* Dinner with Charlie Teo on life as a brain surgeon
* QnA with a cancer researcher
* What is studying medicine really like? QnA with a UNSW med student

To read the articles, go to <http://bit.ly/2FJh5Mg>

** Nursing and/or Midwifery Degree Courses in Victoria**

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| **UNIVERSITY** | **VCE PREREQUISITE SUBJECTS** | **ATAR FOR 2019** |
| [**ACU**](http://www.acu.edu.au/about_acu/faculties,_institutes_and_centres/health_sciences/schools/school_of_nursing_midwifery_and_paramedicine)  Ba – Ballarat M – Melbourne | ***Midwifery*** (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL) | **83.80 (M)** |
| ***Nursing*** (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL) | **73.70 (M), 58.75 (Ba)** |
| [**CHARLES STURT**](http://www.csu.edu.au/courses/nursing)  AW – Albury Wodonga | ***Nursing*** (no prerequisite subjects, but maths, biology and English highly recommended) | **n/a (AW)** |
| [**DEAKIN**](http://www.deakin.edu.au/study-at-deakin/find-a-course/nursing-and-midwifery)  G – Geelong Waterfront M – Melbourne W – Warrnambool | ***Nursing*** (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL) | **70.15 (M), 62.15 (G), 56.35 (W)** |
| ***Nursing (Clinical Leadership)*** (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL) | **80.85 (M)** |
| ***Nursing/Midwifery*** (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL) | **88.45 (M), 84.90 (G), 74.80 (W)** |
| [**FEDERATION**](https://study.federation.edu.au/#/course/DHN5)B – Berwick  Gi – Gippsland Mt. Helen (Ballarat) | ***Nursing*** *(*Units 1 and 2: satisfactory completion in two units (any study combination) of General Mathematics or Maths: Mathematical Methods or Units 3 and 4: any Mathematics; and a study score of at least 25 in any English) | **50.00 (B), 51.45 (Gi),  51.45(Mt H)** |
| [**HOLMESGLEN**](https://holmesglen.edu.au/Courses/Community-and-Health-Sciences/Nursing/Bachelor-of-Nursing/)Mo – Moorabbin | ***Nursing (***Units 1 and 2: satisfactory completion in one of General Mathematics or Maths: Mathematical Methods or Units 3 and 4: any Mathematics; and a study score of at least 25 in any English) | **50.75 (Mo)** |
| [**LA TROBE**](https://www.latrobe.edu.au/courses/study-health)  AW – Albury-Wodonga B – Bendigo Mi – Mildura  S – Shepparton | ***Nursing*** (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL. | **64.85 (M), 53.80 (AW),  56.60 (B), 50.05 (S), 57.15 (Mi)** |
| ***Nursing/Midwifery*** (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL. | **84.10 (M) 78.90 (B)** |
| [**MONASH**](http://www.med.monash.edu.au/nursing/)C – Clayton  P - Peninsula | ***Nursing*** (Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.) | **76.85(C), 71.00 (P)** |
| ***Nursing/Midwifery*** (Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.) | **89.10 (P)** |
| [**RMIT**](http://www.rmit.edu.au/study-with-us/healthcare-and-medical/nursing-and-allied-health/)Bu - Bundoora | ***Nursing*** (Units 1 and 2: satisfactory completion of any Mathematics or Units 3 and 4: any Mathematics; and a study score of at least 30 in English (EAL) or at least 25 in English other than EAL) | **60.65 (Bu)** |
| [**SWINBURNE**](https://www.swinburne.edu.au/study/course/bachelor-of-nursing/)H – Hawthorn | ***Nursing*** (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL) | **65.20 (H)** |
| [**VIC UNI**](http://www.vu.edu.au/about-us/academic-colleges/health-biomedicine/courses-discipline-groups)St A – St. Albans | ***Nursing*** (Units 1 and 2: satisfactory completion in two units (any study combination) of any Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.) | **n/a (St A)** |
| ***Midwifery/Nursing*** (Units 1 and 2: satisfactory completion in two units (any study combination) of any Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.) | **80.40 (St A)** |

**For a comprehensive list of all nursing courses, including double degrees with *business, paramedicine, psychology, public health*, etc. visit** [**VTAC**](http://www.vtac.edu.au/)

** What does a Clinical Perfusionist do?**[The Australian and New Zealand College of Perfusionists (ANZCP)](https://anzcp.org/about-anzcp/)websitestates that *Perfusionists operate the heart-lung bypass machine generally during heart surgery to maintain safe and stable patient circulation while the heart is stopped for surgical repair. The patient is said to be on cardiopulmonary bypass. Perfusionists may operate such equipment during any medical situation where it is necessary to support or temporarily substitute for the patient’s heart and lung function.*

So, this machine takes over the work of the heart in replacing carbon dioxide with oxygen and pumping the oxygenated blood around the body; it also replaces the lungs in controlling the patient’s breathing. Once the machine is set and the blood is passing through, the Perfusionist controls the equipment as it takes over the work of the patient’s heart, monitoring oxygen levels in their blood and the patient’s breathing.

Perfusionists work in operating theatres in public and private hospitals. Their main work is performed within a cardiac operating theatre, but they also work in Intensive Care Units, General, Orthopaedic, Vascular and Neurosurgical Operating theatres, Cardiac Catheter Laboratories and Research Laboratories. Importantly, Perfusionists need to be good communicators and team workers who are able to stay calm under pressure.

In order to practise, Perfusionists must meet the following entry requirements –

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| **INSTITUTION** | **MAJOR STUDIES** | **ATAR 2019** |
| [**ACU**](https://courses.acu.edu.au/2019/undergraduate/bachelor_of_arts)M – Melbourne Campus | Business studies, Drama, Economics, Education Studies, History, Literature, Mathematics, Media, Music, Philosophy, Politics and International Relations, Psychology, Sociology, Study of Religions/Theological Studies, Visual arts. | 58.75 (M) |
| [**DEAKIN**](http://www.deakin.edu.au/course/bachelor-arts)  G – Geelong Waurn Ponds Campus M – Melbourne Campus | Advertising, Anthropology, Arabic, Children's Literature, Chinese, Creative Writing, Criminology, Drama, Education, Film, Television and Animation, Gender and Sexuality Studies, Geography and Society, History, Indonesian, International Relations, Journalism, Language and Culture Studies, Literary Studies, Media Studies, Middle East Studies, Philosophy, Photography, Politics and Policy Studies, Public Relations, Sociology, Spanish, Studies of Religions, Visual Arts. | 55.80 (G) 60.60 (M) |
| [**FEDERATION UNI**](https://study.federation.edu.au/#/course/DHM5)G – Gippsland Campus MH – Mount Helen Campus | Knowledge, Ideas and People - First Nations Studies, History, Philosophy & Sociology. Texts, Creativity & Culture - Film & Media, Literature & writing. | 34.90 (G) 39.85(MH) |
| [**LA TROBE**](https://www.latrobe.edu.au/courses/bachelor-of-arts)M – Melbourne Campus AW – Albury Wodonga Campus  B – Bendigo Campus | Aboriginal Studies, Anthropology, Archaeology, Asian studies, Chinese, Creative and professional writing, Crime, justice and legal studies, Economics, English, French, Gender, sexuality and diversity studies, History, Human geography, Indonesian, International studies, Italian studies, Japanese, Linguistics, Mathematics, Media studies, Modern Greek, Philosophy, Politics, Psychology, Screen studies, Sociology, Spanish, Sustainability and development. | 50.10 (M) 54.40 (AW) 53.00 (B) |
| [**MONASH**](https://www.monash.edu/study/courses/find-a-course/2019/arts-a2000)Ca – Caulfield Campus CL – Clayton Campus | Anthropology, Archaeology and ancient history, Arts, Australian studies, Behavioural studies (minor), Bioethics (minor), Chinese studies, Communications and media studies, Criminology, Digital humanities, Film and screen studies, French studies, German studies, Global Asia, History, Holocaust and genocide studies (minor), Human geography, Human rights, Humanities, Indigenous cultures and histories, Indonesian studies, International relations, International studies, Islamic studies (minor), Italian studies, Japanese studies, Jewish studies (minor), Journalism, Korean studies, Languages, Linguistics, Literary studies, Music, Musical theatre (minor), Philosophy, Politics, Psychology, Religious studies (minor), Social science, Sociology, Spanish and Latin American studies, Theatre and performance, Ukrainian studies (minor). | 78.00 (Ca) 83.00 (Cl) |
| [**SWINBURNE**](https://www.swinburne.edu.au/study/course/bachelor-of-arts/?utm_campaign=vtac&utm_source=course_guide&utm_medium=website)  H – Hawthorn Campus  \*[Professional Degree](https://www.swinburne.edu.au/study/course/bachelor-of-arts-professional/?utm_campaign=vtac&utm_source=course_guide&utm_medium=website) | Advertising, Chinese, Cinema and screen studies, Creative writing and literature, Criminology, Digital advertising technology, Environmental sustainability, Games and Interactivity, Global studies, History, Indigenous studies, Japanese, Journalism, Media industries, Philosophy, Politics and international relations, Professional writing and editing, Social media, Sociology. | 55.00 (H)  75.60 (H)\* |
| [**UNI MELBOURNE**](https://ba.unimelb.edu.au/)P – Parkville Campus | Ancient world studies, Anthropology, Arabic studies, Art history, Asian studies, Australian Indigenous studies, Chinese societies (minor), Chinese studies, Classics, Creative writing, Criminology, Development studies (minor), Economics, English and theatre studies, English language studies (minor), Environmental studies (minor), European studies (minor), French studies, Gender studies, Geography, German studies, Hebrew and Jewish studies, History, History and philosophy of science, Indonesian studies, Islamic studies, Italian studies, Japanese studies, Knowledge and learning (minor), Law and justice (minor), Linguistics and applied linguistics, Media and communications, Philosophy, Politics and international studies, Psychology, Russian studies, Screen and cultural studies, Sociology, Spanish and Latin American studies. | 85.00 (P) |
| [**VICTORIA UNI**](https://www.vu.edu.au/courses/bachelor-of-arts-abab)  P – Footscray Park Campus | Communication studies, Digital media, History, Literary studies, Political science, Psychology, Sociology, Visual arts, Writing. | n/a (FN)  n/a (FP) |

* complete a Bachelor Degree in Science - with major studies in biology, chemistry, anatomy or physiology
* then study further to obtain specialised training in perfusion theory and practice through the ANZCP and pass an examination  
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**Where can an Arts Degree take you?**  
There is often the debate about the value of an Arts Degree and what kind of role an Arts graduate could find in industry. The list of roles is quite varied, and includes -

* Teaching & educational administration
* International aid and trade agencies
* Arts production and management
* Public service and social welfare agencies
* General management and administration (local and global)
* Communications industry, publishing, media and public relations
* Tourism and hospitality

One of the very important things for students to note, is that an Arts student learns skills that are very transferrable in industry. These include **communication skills, critical thinking and reading skills, analytical skills,** and **research skills – browse** [**Career FAQS - What to do with your Arts Degree**](http://www.careerfaqs.com.au/news/news-and-views/what-to-do-with-your-arts-degree/) **to learn more!**

**Monash University** recently shared this YouTube video about a [**Career with a Bachelor of Arts**](https://www.youtube.com/watch?v=73yYU8vFBIw&+feature=youtu.be)**.**

** Arts Degrees on offer in Victoria**

Most universities in Victoria offer an Arts degree, and many of these are listed below. Students should note that the prerequisite VCE subject for most Arts degrees is only an English or EAL. For a comprehensive list of courses (including the many double-degree options) on offer at universities, visit [**VTAC**](http://www.vtac.edu.au/)**.**

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| **INSTITUTION** | **MAJOR STUDIES** | **ATAR 2019** |
| [**ACU**](https://courses.acu.edu.au/2019/undergraduate/bachelor_of_arts)M – Melbourne Campus | Business studies, Drama, Economics, Education Studies, History, Literature, Mathematics, Media, Music, Philosophy, Politics and International Relations, Psychology, Sociology, Study of Religions/Theological Studies, Visual arts. | 58.75 (M) |
| [**DEAKIN**](http://www.deakin.edu.au/course/bachelor-arts)  G – Geelong Waurn Ponds Campus M – Melbourne Campus | Advertising, Anthropology, Arabic, Children's Literature, Chinese, Creative Writing, Criminology, Drama, Education, Film, Television and Animation, Gender and Sexuality Studies, Geography and Society, History, Indonesian, International Relations, Journalism, Language and Culture Studies, Literary Studies, Media Studies, Middle East Studies, Philosophy, Photography, Politics and Policy Studies, Public Relations, Sociology, Spanish, Studies of Religions, Visual Arts. | 55.80 (G) 60.60 (M) |
| [**FEDERATION UNI**](https://study.federation.edu.au/#/course/DHM5)G – Gippsland Campus MH – Mount Helen Campus | Knowledge, Ideas and People - First Nations Studies, History, Philosophy & Sociology. Texts, Creativity & Culture - Film & Media, Literature & writing. | 34.90 (G) 39.85(MH) |
| [**LA TROBE**](https://www.latrobe.edu.au/courses/bachelor-of-arts)M – Melbourne Campus AW – Albury Wodonga Campus  B – Bendigo Campus | Aboriginal Studies, Anthropology, Archaeology, Asian studies, Chinese, Creative and professional writing, Crime, justice and legal studies, Economics, English, French, Gender, sexuality and diversity studies, History, Human geography, Indonesian, International studies, Italian studies, Japanese, Linguistics, Mathematics, Media studies, Modern Greek, Philosophy, Politics, Psychology, Screen studies, Sociology, Spanish, Sustainability and development. | 50.10 (M) 54.40 (AW) 53.00 (B) |
| [**MONASH**](https://www.monash.edu/study/courses/find-a-course/2019/arts-a2000)Ca – Caulfield Campus CL – Clayton Campus | Anthropology, Archaeology and ancient history, Arts, Australian studies, Behavioural studies (minor), Bioethics (minor), Chinese studies, Communications and media studies, Criminology, Digital humanities, Film and screen studies, French studies, German studies, Global Asia, History, Holocaust and genocide studies (minor), Human geography, Human rights, Humanities, Indigenous cultures and histories, Indonesian studies, International relations, International studies, Islamic studies (minor), Italian studies, Japanese studies, Jewish studies (minor), Journalism, Korean studies, Languages, Linguistics, Literary studies, Music, Musical theatre (minor), Philosophy, Politics, Psychology, Religious studies (minor), Social science, Sociology, Spanish and Latin American studies, Theatre and performance, Ukrainian studies (minor). | 78.00 (Ca) 83.00 (Cl) |
| [**SWINBURNE**](https://www.swinburne.edu.au/study/course/bachelor-of-arts/?utm_campaign=vtac&utm_source=course_guide&utm_medium=website)  H – Hawthorn Campus  \*[Professional Degree](https://www.swinburne.edu.au/study/course/bachelor-of-arts-professional/?utm_campaign=vtac&utm_source=course_guide&utm_medium=website) | Advertising, Chinese, Cinema and screen studies, Creative writing and literature, Criminology, Digital advertising technology, Environmental sustainability, Games and Interactivity, Global studies, History, Indigenous studies, Japanese, Journalism, Media industries, Philosophy, Politics and international relations, Professional writing and editing, Social media, Sociology. | 55.00 (H)  75.60 (H)\* |
| [**UNI MELBOURNE**](https://ba.unimelb.edu.au/)P – Parkville Campus | Ancient world studies, Anthropology, Arabic studies, Art history, Asian studies, Australian Indigenous studies, Chinese societies (minor), Chinese studies, Classics, Creative writing, Criminology, Development studies (minor), Economics, English and theatre studies, English language studies (minor), Environmental studies (minor), European studies (minor), French studies, Gender studies, Geography, German studies, Hebrew and Jewish studies, History, History and philosophy of science, Indonesian studies, Islamic studies, Italian studies, Japanese studies, Knowledge and learning (minor), Law and justice (minor), Linguistics and applied linguistics, Media and communications, Philosophy, Politics and international studies, Psychology, Russian studies, Screen and cultural studies, Sociology, Spanish and Latin American studies. | 85.00 (P) |
| [**VICTORIA UNI**](https://www.vu.edu.au/courses/bachelor-of-arts-abab)  P – Footscray Park Campus | Communication studies, Digital media, History, Literary studies, Political science, Psychology, Sociology, Visual arts, Writing. | n/a (FN)  n/a (FP) |

**FOCUS ON ENTREPRENEURSHIP**

**Meet Warwick Levy, founder of Lonely Kids Club,** [www.lonelykidsclub.com/](http://www.lonelykidsclub.com/)

**What education have you undertaken post school?** I finished a Public Communications degree at University of Technology Sydney with a major in Public Relations. It was a really fun course that I enjoyed a lot. No exams just heaps of assignments which is up my alley. Aside from that I haven't really done anything else. I dropped out of my first degree and never actually studied fashion or E-Commerce.

**Tell us about your small business:** Lonely Kids Club started off as a T-shirt label but over the duration of 7 years expanded into a fully-fledged clothing label. It's definitely something I've always considered a passion project and a creative outlet so it's really cool that I've been able to continue doing it this long. It's a pretty funny concept though, I make clothes that I like in limited edition numbers and hopefully other people like them too. I keep it all ethical and made in Sydney which no one else is really doing right now.

**What inspired you to start a small business?** It was always a dream of mine, and something I wanted to pursue. I realised one day if I didn't try to do this when I had the chance I'd regret it forever so I figured out how to do things and launched the brand. It's been both one of the hardest and most rewarding things I've ever done and I've been grinding hard with it ever since.

I do remember being maybe 15 and admitting to my dad I had absolutely no interest in working for other people and competing to climb the chain so he said well if you don't want to do that you should run your own business. 14 years later and I still have that mentality.

**What advice can you offer young people considering starting their own business?** Definitely do it. Not only does it force you to grow as a person, but you learn so much about how things work and how to be business minded. But remember that when you first launch a new business, it more or less sucks. You’re working like crazy, not earning much, and can’t see the light at the end of the tunnel. But if you can keep pushing before you know it things are actually starting to work and if you get to that point, you’ve done better than most.

Thanks to Warwick for sharing his story and advice.

**Careers in Entrepreneurship (Articles from The Footnotes website):**

* How to make money from Instagram: a career as an influencer
* Is blogging an actual career?
* Will you invent the next big thing?
* Boost Juice founder Janine Allis shares her advice
* Lessons from creatives – six lessons for finding success in the creative world told by six of the best
* The story of Mon Purse – how they went from $10,000 in sales a month to $20,000,000.
* 9 things you need to know if you are thinking of starting your own business.
* How stylerunner got off the ground
* Advice from Gen who founded OneShift at age 21.
* How it all began for the founder of leather label MAID.

To read the articles, go to <http://bit.ly/2HsyDsw>

 **What does a Computer Systems Auditor do?**

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| **INSTITUTION** | **VCE PREREQUISITES** | **MAJOR STUDIES IN 2019** |
| **CHARLES STURT** | n/a  **2019 ATAR: n/a** | Computer programming, computing, computing (networks), object-orientated programming, software engineering, systems administration, systems analysis. |
| **CQU** | Units 3 and 4: a study score of at least 25 in any English.  **2019 ATAR: n/a** | Application Development, Business Analysis, Network Security. |
| **DEAKIN** | Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.  **2019 ATAR: 60.00 (M) 62.30 (G)** | Animation (games), Application development, Cloud computing, Computer and network security, Computer networks, Computer programming, Creative technologies, Cyber security, Databases, Distributed systems and applications, Game programming, Games development, Information technology, Networking (CISCO curriculum), Object-oriented design, Object-oriented programming, Operating systems, Programming, Project management, Security and management, Software development, Systems and networks, Virtual and augmented reality, Web applications programming, Web design. |
| **FEDERATION** | Units 3 and 4: a study score of at least 20 in any English.  **2019 ATAR: 33.55 (Be), 31.90 (Gi), 53.05 (Ba)** | Big Data & Analytics, Cloud & Enterprise Computing, Communications & Technology, Data Modelling, Game Development Fundamentals, IT Problem Solving, IT Problem Solving, IT Project Management Techniques, Mobile Development Fundamentals, Professionalism & Entrepreneurship, Systems Modelling, Understanding the Digital Revolution, User Experience, Web Design. |
| **LA TROBE** | Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.  **2019 ATAR: 52.10 (M) 53.10 (Be)** | Big data, Computer applications, Computer networks, Database systems, Information Technology, Information systems, Information systems management, Multimedia authoring, Object-oriented development, Project management, Software development, Software engineering, Systems and software engineering, Systems design and development, Web applications programming, Website development. |
| **MONASH** | Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL. **2019 ATAR: 80.15 (Cl)** | Business information systems, Computer networks and security, Computer programming, Computer science (minor), Computing, Cybersecurity (minor), Data science (minor), Digital humanities, Games design (minor), Games development, IT for business (minor), Information management, Information technology, Interactive media, Mobile apps development (minor), Software development, Software engineering (minor), Web development (minor). |
| **RMIT** | Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.  **2019 ATAR: 67.05 (C)** | Business IT, Data networks, Database administration, Databases, Graphics, Information technology, Internet technology, Networks and data communications, Object-oriented modelling, Object-oriented programming, Problem solving, Professional practice, Programming, Programming (.NET), Programming (C#), Programming (C), Programming (Java), Programming (PHP), Security, System administration. |
| **SWINBURNE** | Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL). **2019 ATAR: 60.00 (H)** | Business systems, Network technology, Software technology, Systems analysis, Systems management. |
| **VICTORIA** | Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics. **2019 ATAR: n/a (FP)** | Network and system computing, Web and mobile application development. |

The [Good Universities Guide](https://www.gooduniversitiesguide.com.au/careers-guide/browse/computer-systems-auditor) states that a ***Computer Systems Auditors*** are involved in the *design and monitoring of control systems, which ensures the accuracy and security of data. They also review an organisation's computing environment and the use of their computer facilities. Computer systems auditors provide managers with expert opinions about the reliability of results and operations of computer systems. It is essential that computer systems auditors understand both the accounting and information technology implications of computer systems.*

Successful ***Computer Systems Auditors*** –

* Are interested in business
* Have accuracy and attention to detail
* Are logical and analytical
* Have good communication and interpersonal skills
* Have good leadership skills

To become a ***computer systems auditor,*** students usually have to complete a degree in *information technology, accounting, commerce, information systems or business information systems*.

**NOTE:** The Information Technology Matrix further on in this *Career News* provides information on numerous courses which offer major studies in information technology, information systems, and/or business information systems.

** Information Technology Degrees in Victoria**Several Victorian universities offer a broad range of **Information Technology** degrees and below is a list of many of these courses. **For a comprehensive list of courses (including the many double-degree options) on offer at both TAFEs and universities, visit** [**VTAC**](http://www.vtac.edu.au/)**.**

**IT Careers**

**Interesting article about careers in information technology:** this article by Nathan Chanesman (My Career Match) talks about careers in cybersecurity, data analysis, computer sciences, mobile devices, gaming, digital marketing, hardware and software, coding, design, service support, website development and sales etc.

* Article: <http://bit.ly/2DB0tk5>
* Data Science and Careers With Code e-magazines - <https://bit.ly/2Os7gCR>
* Digital Careers – <https://bit.ly/2Y1KtD5>
* Careers Foundation - <http://bit.ly/2flU5a3>

**Rise of the Robots**

With the rise of automation and robotics, many of our current jobs and occupations will either become obsolete or change significantly. Lia Ryerson from Business Insider has written an article about 10 occupations that may go extinct in the future, including cashiers, fast food workers, retail jewellers, and mail carriers.

You can read the article here - <https://bit.ly/2ueolrA>

** Computer Science Degrees in Victoria**Several Victorian universities offer **Computer Science degrees** and below is a list of many of these courses. **For a comprehensive list of all courses (including the many double-degree options) on offer at both TAFEs and universities, visit** [**VTAC**](http://www.vtac.edu.au/)

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| **INSTITUTION** | **VCE PREREQUISITES** | **MAJOR STUDIES IN 2019** |
| **DEAKIN**  M – Melbourne Campus | Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.  **2019 ATAR: 61.70 (M)** | Algorithms, Artificial Intelligence, Computer science, Computer software, Computing systems, Computing systems integration, Cyber-physical computing, Data and information management, Data mining and machine learning, Data science, Embedded computing, Programming, Project management, Robotics, Sensors and data, Software design and development, System prototyping. |
| **LA TROBE**  M – Melbourne Campus | Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.  **2019 ATAR: 56.55 (M)** | Algorithms and data structures, Artificial intelligence, Big data, Computer Science, Computer architecture, Computer programming, Database programming, Databases, Industrial collaboration and experience, Network security, Networks, Operating systems, Software engineering, Wireless technologies. |
| **MONASH**  Cl – Clayton Campus | Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.  **2019 ATAR: 84.40 (Cl)** | Algorithms and data structures, Computational science, Computer graphics, Computer programming, Computer science, Computing, Data science, Databases, Digital humanities, Distributed systems and applications, Information and communication technology, Information technology, Programming, Software development, Systems development. |
| **RMIT**  C – City Campus | Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.  **2019 ATAR: 80.20 (C)** | Algorithms and data structures, Animation, Artificial intelligence, Big Data, Cloud computing, Computer and network security, Computer graphics, Databases, Enterprise systems, Internet, Networks and data communications, Object-oriented design, Object-oriented modelling, Object-oriented programming, Operating systems, Problem solving, Programming, Programming (.NET), Programming (C++), Programming (Java), Security, Software engineering. |
| **SWINBURNE**  H – Hawthorn Campus  \*\* Professional degree | Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: a study score of at least 20 in any Mathematics. **2019 ATAR: 65.05 (H) 2019 ATAR: 78.35 (H) \*\*** | Cybersecurity, Data science, Games development, Internet of Things, Network design, Software design, Software development. |

**Careers in Dairy Nutrition**

Fonterra is a global leader in dairy nutrition – the preferred supplier of dairy ingredients to many of the world’s leading food companies.

They have the following consumer dairy brands in Australia, New Zealand, Asia, Africa, the Middle East and Latin America – Bega, Mainland, Western Star and Perfect Italiano. Fonterra is a farmer-owned co-operative and the largest processor of milk in the world, <https://bit.ly/2TbBT0I>

Staff are running an information session for students about their graduate programs on the 21st of March at Level 2 – 40 River Boulevard, Richmond, Victoria. You will be able to speak to members of the executive and leadership teams, network, and taste some of the products.

For information and to RSVP, email [events@explorecareers.com.au](mailto:events@explorecareers.com.au)

**The Future Workforce**

The Australian Careers Service has written a fantastic article titled ‘What will the workforce of the future look like?’. The article unpacks the Foundation for Young Australians report on the future of work called New Work Smarts, <https://bit.ly/2Wrqv3b>

**Good Careers Guide 2019**

Students and families can read the new Good Careers Guide online for free and purchase a hard copy, <https://bit.ly/2TtSflF>

The guide contains independent 5 star performance ratings allowing you to compare undergraduate degrees at universities across Australia in measures such as student experience, graduate satisfaction, graduate salaries, student support, and learning resources. You can also explore indicative ATARs and prerequisites.

**Interested in Forensic Science?**

**The Victorian Institute of Forensic Medicine (VIFM)** is located in Melbourne. They do the following types of work:

* Forensic sciences (toxicology, molecular biology, histology)
* Forensic technical services (mortuary)
* Tissue bank technicians
* Microbiology
* Medical (qualified medical practitioners)
* Clinical forensic medicine
* Forensic pathology
* Nursing: family health, clinical forensic, medical liaison, tissue donation, forensic
* Medical stenographer

**Victoria Police Forensic Services Department (VPFSD)** is located at Macleod. They do the following types of work:

* Ballistics
* Crime scene identification
* Chemical trace
* Clandestine laboratories
* Criminal identification
* Document examination
* Fingerprints
* Fire and explosion investigation
* Major crime scenes
* Vehicle examination

To learn about careers at both the VIFM and the VPFSD, go to <https://bit.ly/2UJS1s2>

**Forensic Science study options:**

Deakin University, <https://bit.ly/2HRbm7g>

Western Sydney Uni, <https://bit.ly/2TXxTlE>

Flinders University, <https://bit.ly/2TTmJ5v>